

Lesson 12: Data management & transformation in R

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Wellcome & Disclaimer

This site contains the materials for the *Coding tools for Biochemistry & Molecular Biology* (Herramientas de Programación para Bioquímica y Biología Molecular) course of fall 2022 in the Bachelor's Degree in Biochemistry @UAM. This materials are the basis for GitHub-pages-based website that can be accessed here. Detailed academic information about the course contents, dates and assessment only can be found at the UAM Moodle site.

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Transform dataframes

Sorting and subsetting data

When you want to present or analyze your data in R you often need to order a vector or a dataframe by the value of a variable. This order might be increasing or decreasing, numeric or alphabetic. There are two main

functions in R to arrange your data, `sort()` and `order()`.

Let's see an example using the dataset `coli_genomes_renamed.csv` that we saved in the Lesson 9.

```
# load the dataset
coli_genomes <- read.csv2(file = "data/coli_genomes_renamed.csv")

# test sort() & order() in a vector
order(coli_genomes$Year)

## [1] 15 7 8 6 3 2 5 14 16 17 18 20 22 9 10 11 12 13 19 21 1 4

sort(coli_genomes$Year)

## [1] 2005 2006 2006 2007 2008 2010 2011 2011 2012 2012 2012 2012 2012 2013 2013
## [16] 2013 2013 2013 2015 2016

sort(coli_genomes$Year, decreasing = TRUE)

## [1] 2016 2015 2013 2013 2013 2013 2013 2012 2012 2012 2012 2012 2012 2011 2011 2010
## [16] 2008 2007 2006 2006 2005

order(coli_genomes$Phylogroup)

## [1] 4 5 6 7 8 12 13 18 20 21 3 14 22 2 15 16 17 19 1 9 10 11

sort(coli_genomes$Phylogroup)

## [1] "A" "A" "A" "A" "A" "A" "A" "A" "A" "A" "B1" "B1" "B1" "C" "C"
## [16] "C" "C" "C" "D" "D" "D" "D"
```

As you noticed, the R `order()` function returns a permutation of the order of the elements of a vector. The output is an index vector, not the vector itself. Note also that if the vector contains any NA values there will be at the end of the index vector by default.

On the other hand, the `sort()` function returns sorted, in ascending order by default, the vector you pass as input.

Both function will arrange the data increasingly, and can be used for numeric or string variables. If you set the `decreasing` argument to `TRUE` in a `sort()` or `order()`, you will have the vector of indices in descending order.

You can use these functions also to arrange a dataframe by one vector. Alternatively, you may want to reverse order or *shuffle* a dataframe.

```
# order the dataframe by one column, sort or order?
coli_genomes[order(coli_genomes$Year), ]

##      Strain      Biosample Year Source Phylogroup Serotype Clonotype
## 15 LREC255 SAMN14278630 2005   Avian          C 078:H19    CH4-27
## 7  LREC244 SAMN14278619 2006 Porcine          A 02:H32    CH11-23
## 8  LREC245 SAMN14278620 2006 Porcine          A ONT:H45    C11-398
## 6  LREC243 SAMN14278618 2007 Porcine          A 09:H37    CH7-31
## 3  LREC240 SAMN14278615 2008   Human         B1 076:H30    CH29-38
## 2  LREC239 SAMN14278614 2010   Human          C 0153:H19    CH4-25
## 5  LREC242 SAMN14278617 2011 Porcine          A ONT:HNM    CH7-54
## 14 LREC254 SAMN14278629 2011   Avian         B1 0142:H30    C41-35
## 16 LREC256 SAMN14278631 2012   Human          C 08:H19    CH4-54
## 17 LREC257 SAMN14278632 2012   Human          C 09:H19    CH4-27
## 18 LREC258 SAMN14278633 2012   Human          A 09:H4     CH7-34
## 20 LREC260 SAMN14278635 2012   Human          A ONT:H33    CH11-54
```

## 22	LREC262	SAMN14278637	2012	Human	B1	066:H10	CH4-32
## 9	LREC249	SAMN14278624	2013	Human	D	0145:H28	CH23-331
## 10	LREC250	SAMN14278625	2013	Human	D	0145:H28	CH23-331
## 11	LREC251	SAMN14278626	2013	Human	D	0145:H28	CH23-331
## 12	LREC252	SAMN14278627	2013	Human	A	ONT:H37	C11-54
## 13	LREC253	SAMN14278628	2013	Avian	A	ONT:H19	CH94-23
## 19	LREC259	SAMN14278634	2015	Human	C	09:H19	CH4like-27
## 21	LREC261	SAMN14278636	2016	Human	A	098:H26	CH27-23
## 1	LREC237	SAMN14278613	NA	Human	D	ONT:H28	CH23-331
## 4	LREC241	SAMN14278616	NA	Human	A	078:H11	CH11-41
##	Sequence.Type VF Plasmids kmer Contigs N50 longest.contig..bp.						
## 15	ST88	11	4	113	108	405376	1190696
## 7	ST10	4	7	115	277	89185	281444
## 8	ST10888	2	7	115	203	94368	280268
## 6	ST3011	7	3	93	158	106897	369508
## 3	ST156	10	2	89	114	270767	738861
## 2	ST88	14	3	117	159	323172	760527
## 5	ST746	5	9	89	320	45936	128053
## 14	ST359	9	4	113	102	240847	460510
## 16	ST88	14	2	113	108	281822	1140163
## 17	ST88	14	4	91	224	140521	284241
## 18	ST46	8	4	85	204	86565	300086
## 20	ST10	2	5	117	120	228491	576949
## 22	ST1049	4	2	113	94	325747	822206
## 9	ST32	22	1	115	376	200150	424527
## 10	ST137	22	3	111	205	281589	617142
## 11	ST32	20	1	113	206	182651	412836
## 12	ST48	1	0	113	140	105396	272304
## 13	ST347	2	0	117	134	110661	497785
## 19	ST10890	13	3	113	171	326962	749412
## 21	ST8233	2	4	89	114	187945	537848
## 1	ST524	18	3	117	223	272287	662555
## 4	ST48	5	3	117	212	112160	285056
##	Assembly_length contigs1kb average_contig						
## 15	5196698	38		48117.57			
## 7	5406295	155		19517.31			
## 8	4796593	114		23628.54			
## 6	4638334	93		29356.54			
## 3	4875343	47		42766.17			
## 2	5415613	57		34060.46			
## 5	4858138	212		15181.68			
## 14	4992565	42		48946.72			
## 16	5252065	43		48630.23			
## 17	5085107	110		22701.37			
## 18	4915667	121		24096.41			
## 20	4881205	48		40676.71			
## 22	4839344	32		51482.38			
## 9	5389075	131		14332.65			
## 10	5340478	78		26051.11			
## 11	5276782	95		25615.45			
## 12	4507328	78		32195.20			
## 13	4664768	77		34811.70			
## 19	5200701	77		30413.46			
## 21	4821342	53		42292.47			

```
## 1          5341632          74          23953.51
## 4          5167401          101         24374.53
```

```
coli_genomes[sort(coli_genomes$Year), ] #what happened?
```

```
##      Strain Biosample Year Source Phylogroup Serotype Clonotype Sequence.Type
## NA      <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.1    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.2    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.3    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.4    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.5    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.6    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.7    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.8    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.9    <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.10   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.11   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.12   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.13   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.14   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.15   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.16   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.17   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.18   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
## NA.19   <NA>      <NA>  NA  <NA>      <NA>      <NA>      <NA>      <NA>
```

```
##      VF Plasmids kmer Contigs N50 longest.contig..bp. Assembly_length
## NA      NA      NA  NA      NA  NA      NA      NA
## NA.1    NA      NA  NA      NA  NA      NA      NA
## NA.2    NA      NA  NA      NA  NA      NA      NA
## NA.3    NA      NA  NA      NA  NA      NA      NA
## NA.4    NA      NA  NA      NA  NA      NA      NA
## NA.5    NA      NA  NA      NA  NA      NA      NA
## NA.6    NA      NA  NA      NA  NA      NA      NA
## NA.7    NA      NA  NA      NA  NA      NA      NA
## NA.8    NA      NA  NA      NA  NA      NA      NA
## NA.9    NA      NA  NA      NA  NA      NA      NA
## NA.10   NA      NA  NA      NA  NA      NA      NA
## NA.11   NA      NA  NA      NA  NA      NA      NA
## NA.12   NA      NA  NA      NA  NA      NA      NA
## NA.13   NA      NA  NA      NA  NA      NA      NA
## NA.14   NA      NA  NA      NA  NA      NA      NA
## NA.15   NA      NA  NA      NA  NA      NA      NA
## NA.16   NA      NA  NA      NA  NA      NA      NA
## NA.17   NA      NA  NA      NA  NA      NA      NA
## NA.18   NA      NA  NA      NA  NA      NA      NA
## NA.19   NA      NA  NA      NA  NA      NA      NA
```

```
##      contigs1kb average_contig
## NA      NA      NA
## NA.1    NA      NA
## NA.2    NA      NA
## NA.3    NA      NA
## NA.4    NA      NA
## NA.5    NA      NA
## NA.6    NA      NA
```

```
## NA.7      NA      NA
## NA.8      NA      NA
## NA.9      NA      NA
## NA.10     NA      NA
## NA.11     NA      NA
## NA.12     NA      NA
## NA.13     NA      NA
## NA.14     NA      NA
## NA.15     NA      NA
## NA.16     NA      NA
## NA.17     NA      NA
## NA.18     NA      NA
## NA.19     NA      NA
```

```
# Custom order of rows (random)
```

```
coli_genomes[sample(nrow(coli_genomes), replace = FALSE), ]
```

```
##      Strain      Biosample Year Source Phylogroup Serotype Clonotype
## 8  LREC245 SAMN14278620 2006 Porcine      A  ONT:H45      C11-398
## 5  LREC242 SAMN14278617 2011 Porcine      A  ONT:HNM      CH7-54
## 18 LREC258 SAMN14278633 2012  Human      A   09:H4      CH7-34
## 2  LREC239 SAMN14278614 2010  Human      C 0153:H19     CH4-25
## 13 LREC253 SAMN14278628 2013  Avian      A  ONT:H19     CH94-23
## 21 LREC261 SAMN14278636 2016  Human      A  098:H26     CH27-23
## 12 LREC252 SAMN14278627 2013  Human      A  ONT:H37      C11-54
## 9  LREC249 SAMN14278624 2013  Human      D 0145:H28    CH23-331
## 19 LREC259 SAMN14278634 2015  Human      C   09:H19  CH4like-27
## 17 LREC257 SAMN14278632 2012  Human      C   09:H19     CH4-27
## 1  LREC237 SAMN14278613   NA   Human      D  ONT:H28    CH23-331
## 7  LREC244 SAMN14278619 2006 Porcine      A   02:H32     CH11-23
## 15 LREC255 SAMN14278630 2005  Avian      C  078:H19     CH4-27
## 4  LREC241 SAMN14278616   NA   Human      A  078:H11     CH11-41
## 10 LREC250 SAMN14278625 2013  Human      D 0145:H28    CH23-331
## 6  LREC243 SAMN14278618 2007 Porcine      A   09:H37     CH7-31
## 14 LREC254 SAMN14278629 2011  Avian     B1 0142:H30     C41-35
## 11 LREC251 SAMN14278626 2013  Human      D 0145:H28    CH23-331
## 16 LREC256 SAMN14278631 2012  Human      C   08:H19     CH4-54
## 22 LREC262 SAMN14278637 2012  Human     B1 066:H10     CH4-32
## 20 LREC260 SAMN14278635 2012  Human      A  ONT:H33     CH11-54
## 3  LREC240 SAMN14278615 2008  Human     B1 076:H30     CH29-38
##      Sequence.Type VF Plasmids kmer Contigs      N50 longest.contig..bp.
## 8      ST10888      2          7  115      203  94368      280268
## 5      ST746      5          9   89      320  45936      128053
## 18      ST46      8          4   85      204  86565      300086
## 2      ST88     14          3  117      159 323172      760527
## 13      ST347      2          0  117      134 110661      497785
## 21      ST8233      2          4   89      114 187945      537848
## 12      ST48      1          0  113      140 105396      272304
## 9      ST32     22          1  115      376 200150      424527
## 19      ST10890     13          3  113      171 326962      749412
## 17      ST88     14          4   91      224 140521      284241
## 1      ST524     18          3  117      223 272287      662555
## 7      ST10      4          7  115      277  89185      281444
## 15      ST88     11          4  113      108 405376     1190696
## 4      ST48      5          3  117      212 112160      285056
```

```
## 10      ST137 22      3 111      205 281589      617142
## 6       ST3011 7      3 93      158 106897      369508
## 14      ST359 9      4 113      102 240847      460510
## 11      ST32 20      1 113      206 182651      412836
## 16      ST88 14      2 113      108 281822      1140163
## 22      ST1049 4      2 113      94 325747      822206
## 20      ST10 2      5 117      120 228491      576949
## 3       ST156 10      2 89      114 270767      738861
##      Assembly_length contigs1kb average_contig
## 8      4796593      114      23628.54
## 5      4858138      212      15181.68
## 18      4915667      121      24096.41
## 2      5415613      57      34060.46
## 13      4664768      77      34811.70
## 21      4821342      53      42292.47
## 12      4507328      78      32195.20
## 9       5389075      131      14332.65
## 19      5200701      77      30413.46
## 17      5085107      110      22701.37
## 1       5341632      74      23953.51
## 7       5406295      155      19517.31
## 15      5196698      38      48117.57
## 4       5167401      101      24374.53
## 10      5340478      78      26051.11
## 6       4638334      93      29356.54
## 14      4992565      42      48946.72
## 11      5276782      95      25615.45
## 16      5252065      43      48630.23
## 22      4839344      32      51482.38
## 20      4881205      48      40676.71
## 3       4875343      47      42766.17
```

```
# Reverse order of rows
```

```
coli_genomes[nrow(coli_genomes):1, ]
```

```
##      Strain      Biosample Year Source Phylogroup Serotype Clonotype
## 22 LREC262 SAMN14278637 2012 Human      B1 066:H10 CH4-32
## 21 LREC261 SAMN14278636 2016 Human      A 098:H26 CH27-23
## 20 LREC260 SAMN14278635 2012 Human      A ONT:H33 CH11-54
## 19 LREC259 SAMN14278634 2015 Human      C 09:H19 CH4like-27
## 18 LREC258 SAMN14278633 2012 Human      A 09:H4 CH7-34
## 17 LREC257 SAMN14278632 2012 Human      C 09:H19 CH4-27
## 16 LREC256 SAMN14278631 2012 Human      C 08:H19 CH4-54
## 15 LREC255 SAMN14278630 2005 Avian      C 078:H19 CH4-27
## 14 LREC254 SAMN14278629 2011 Avian     B1 0142:H30 C41-35
## 13 LREC253 SAMN14278628 2013 Avian      A ONT:H19 CH94-23
## 12 LREC252 SAMN14278627 2013 Human      A ONT:H37 C11-54
## 11 LREC251 SAMN14278626 2013 Human      D 0145:H28 CH23-331
## 10 LREC250 SAMN14278625 2013 Human      D 0145:H28 CH23-331
## 9  LREC249 SAMN14278624 2013 Human      D 0145:H28 CH23-331
## 8  LREC245 SAMN14278620 2006 Porcine    A ONT:H45 C11-398
## 7  LREC244 SAMN14278619 2006 Porcine    A 02:H32 CH11-23
## 6  LREC243 SAMN14278618 2007 Porcine    A 09:H37 CH7-31
## 5  LREC242 SAMN14278617 2011 Porcine    A ONT:HNM CH7-54
## 4  LREC241 SAMN14278616 NA Human      A 078:H11 CH11-41
```

```

## 3 LREC240 SAMN14278615 2008 Human B1 076:H30 CH29-38
## 2 LREC239 SAMN14278614 2010 Human C 0153:H19 CH4-25
## 1 LREC237 SAMN14278613 NA Human D ONT:H28 CH23-331
## Sequence.Type VF Plasmids kmer Contigs N50 longest.contig..bp.
## 22 ST1049 4 2 113 94 325747 822206
## 21 ST8233 2 4 89 114 187945 537848
## 20 ST10 2 5 117 120 228491 576949
## 19 ST10890 13 3 113 171 326962 749412
## 18 ST46 8 4 85 204 86565 300086
## 17 ST88 14 4 91 224 140521 284241
## 16 ST88 14 2 113 108 281822 1140163
## 15 ST88 11 4 113 108 405376 1190696
## 14 ST359 9 4 113 102 240847 460510
## 13 ST347 2 0 117 134 110661 497785
## 12 ST48 1 0 113 140 105396 272304
## 11 ST32 20 1 113 206 182651 412836
## 10 ST137 22 3 111 205 281589 617142
## 9 ST32 22 1 115 376 200150 424527
## 8 ST10888 2 7 115 203 94368 280268
## 7 ST10 4 7 115 277 89185 281444
## 6 ST3011 7 3 93 158 106897 369508
## 5 ST746 5 9 89 320 45936 128053
## 4 ST48 5 3 117 212 112160 285056
## 3 ST156 10 2 89 114 270767 738861
## 2 ST88 14 3 117 159 323172 760527
## 1 ST524 18 3 117 223 272287 662555
## Assembly_length contigs1kb average_contig
## 22 4839344 32 51482.38
## 21 4821342 53 42292.47
## 20 4881205 48 40676.71
## 19 5200701 77 30413.46
## 18 4915667 121 24096.41
## 17 5085107 110 22701.37
## 16 5252065 43 48630.23
## 15 5196698 38 48117.57
## 14 4992565 42 48946.72
## 13 4664768 77 34811.70
## 12 4507328 78 32195.20
## 11 5276782 95 25615.45
## 10 5340478 78 26051.11
## 9 5389075 131 14332.65
## 8 4796593 114 23628.54
## 7 5406295 155 19517.31
## 6 4638334 93 29356.54
## 5 4858138 212 15181.68
## 4 5167401 101 24374.53
## 3 4875343 47 42766.17
## 2 5415613 57 34060.46
## 1 5341632 74 23953.51

```

Now, imagine you have a large dataset and you want to subset only some cases (=rows). You know already some ways to do that, but in the following example we are going to test the function `subset()` that is very convenient when you want to extract the cases that fulfill several conditions.

Imagine that for a new project we want to select the strains with better genome draft quality or from some

subgroup. We will keep strains from phylogrupo A, with an assembly N50>150,000 bp and less than 100 contigs >= 1 kb.

```
# option 1: multi-step
selection <- coli_genomes[coli_genomes$contigs1kb < 100, ]
selection <- selection[selection$N50 > 150000, ]
selection <- selection[selection$Phylogroup == "A", ]

# option 2: several which statements
selection2 <- coli_genomes[which(coli_genomes$contigs1kb < 100 &
  coli_genomes$N50 > 150000 & coli_genomes$Phylogroup == "A"),
  ]

# option 2b: with attach(dataframe) you avoid repeat the
# name of the dataframe
attach(coli_genomes)
selection2 <- coli_genomes[which(contigs1kb < 100 & N50 > 150000 &
  Phylogroup == "A"), ]
detach(coli_genomes) #detach dataframe

# option 3: subset() does the same
selection3 <- subset(coli_genomes, subset = contigs1kb < 100 &
  N50 > 150000 & Phylogroup == "A")

# Are they the same?
all.equal(selection, selection2)
```

```
## [1] TRUE
```

```
all.equal(selection, selection3)
```

```
## [1] TRUE
```

It you want to verify that the three methods will give rise to the same output you can review the dataframe, or check their dimensions or structure with `dim()` or `str()`, but that is difficult for large datasets with hundreds or thousands of cases (see below). The function `all.equal()` will do that for you.

Combining dataframes

When you work with a lot of data, you may have several tables and sometimes you want to merge the tables in different ways. An easy way can be the use of `cbind()` or `rbind()` if you have the same number of rows and columns. A more handy way is using the function `merge()`. We will see some alternatives using the `coli_genomes` dataframe and a new table, named `colis3.csv`.

```
colis <- read.csv2(file = "data/colis3.csv")
# rbind() and cbind()
rbind(coli_genomes, colis) #did it work? why??
```

```
## Error in rbind(deparse.level, ...): numbers of columns of arguments do not match
```

```
cbind(coli_genomes, colis)
```

```
## Error in data.frame(..., check.names = FALSE): arguments imply differing number of rows: 22, 27
```

```
# merge()
merge <- merge(coli_genomes, colis) #inner join
str(merge)
```



```
## 'data.frame':    22 obs. of  24 variables:
## $ Strain          : chr  "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Year            : int   NA 2010 2008 NA 2011 2007 2006 2006 2013 2013 ...
## $ Biosample       : chr  "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Source          : chr  "Human" "Human" "Human" "Human" ...
## $ Phylogroup      : chr  "D" "C" "B1" "A" ...
## $ Serotype        : chr  "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype       : chr  "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type   : chr  "ST524" "ST88" "ST156" "ST48" ...
## $ VF              : int   18 14 10 5 5 7 4 2 22 22 ...
## $ Plasmids        : int   3 3 2 3 9 3 7 7 1 3 ...
## $ kmer            : int  117 117 89 117 89 93 115 115 115 111 ...
## $ Contigs         : int  223 159 114 212 320 158 277 203 376 205 ...
## $ N50             : int  272287 323172 270767 112160 45936 106897 89185 94368 200150 281589 ...
## $ longest.contig..bp.: int  662555 760527 738861 285056 128053 369508 281444 280268 424527 617142 .
## $ Assembly_length : int  5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 5389075
## $ contigs1kb      : int   74 57 47 101 212 93 155 114 131 78 ...
## $ average_contig  : num  23954 34060 42766 24375 15182 ...
## $ X               : int   1 2 3 4 5 6 7 8 12 13 ...
## $ CRISPR          : int   9 12 5 9 9 10 7 10 7 7 ...
## $ Cas             : chr  "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS
## $ AMR             : int   2 2 5 2 4 2 2 4 2 2 ...
## $ Vir             : int   20 12 10 3 4 6 7 4 26 21 ...
## $ Integron        : int   0 0 0 0 0 0 0 0 0 0 ...
## $ seqs            : chr  "2020-07-24" "2019-02-27" "2018-03-08" "2020-10-12" ...
```

```
merge1 <- merge(coli_genomes, colis, by = "Strain")
str(merge1)
```

```
## 'data.frame':    22 obs. of  25 variables:
## $ Strain          : chr  "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Biosample       : chr  "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Year.x          : int   NA 2010 2008 NA 2011 2007 2006 2006 2013 2013 ...
## $ Source          : chr  "Human" "Human" "Human" "Human" ...
## $ Phylogroup      : chr  "D" "C" "B1" "A" ...
## $ Serotype        : chr  "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype       : chr  "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type   : chr  "ST524" "ST88" "ST156" "ST48" ...
## $ VF              : int   18 14 10 5 5 7 4 2 22 22 ...
## $ Plasmids        : int   3 3 2 3 9 3 7 7 1 3 ...
## $ kmer            : int  117 117 89 117 89 93 115 115 115 111 ...
## $ Contigs         : int  223 159 114 212 320 158 277 203 376 205 ...
## $ N50             : int  272287 323172 270767 112160 45936 106897 89185 94368 200150 281589 ...
## $ longest.contig..bp.: int  662555 760527 738861 285056 128053 369508 281444 280268 424527 617142 .
## $ Assembly_length : int  5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 5389075
## $ contigs1kb      : int   74 57 47 101 212 93 155 114 131 78 ...
## $ average_contig  : num  23954 34060 42766 24375 15182 ...
## $ X               : int   1 2 3 4 5 6 7 8 12 13 ...
## $ Year.y          : int   NA 2010 2008 NA 2011 2007 2006 2006 2013 2013 ...
## $ CRISPR          : int   9 12 5 9 9 10 7 10 7 7 ...
## $ Cas             : chr  "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS
## $ AMR             : int   2 2 5 2 4 2 2 4 2 2 ...
## $ Vir             : int   20 12 10 3 4 6 7 4 26 21 ...
## $ Integron        : int   0 0 0 0 0 0 0 0 0 0 ...
## $ seqs            : chr  "2020-07-24" "2019-02-27" "2018-03-08" "2020-10-12" ...
```

```
merge2 <- merge(coli_genomes, colis, by = "Year")
str(merge2)
```

```
## 'data.frame':   81 obs. of  25 variables:
## $ Year          : int  2005 2006 2006 2006 2006 2007 2008 2010 2010 2011 ...
## $ Strain.x      : chr  "LREC255" "LREC244" "LREC244" "LREC245" ...
## $ Biosample     : chr  "SAMN14278630" "SAMN14278619" "SAMN14278619" "SAMN14278620" ...
## $ Source        : chr  "Avian" "Porcine" "Porcine" "Porcine" ...
## $ Phylogroup    : chr  "C" "A" "A" "A" ...
## $ Serotype      : chr  "O78:H19" "O2:H32" "O2:H32" "ONT:H45" ...
## $ Clonotype     : chr  "CH4-27" "CH11-23" "CH11-23" "C11-398" ...
## $ Sequence.Type : chr  "ST88" "ST10" "ST10" "ST10888" ...
## $ VF            : int  11 4 4 2 2 7 10 14 14 5 ...
## $ Plasmids       : int  4 7 7 7 7 3 2 3 3 9 ...
## $ kmer           : int  113 115 115 115 115 93 89 117 117 89 ...
## $ Contigs        : int  108 277 277 203 203 158 114 159 159 320 ...
## $ N50            : int  405376 89185 89185 94368 94368 106897 270767 323172 323172 45936 ...
## $ longest.contig.bp.: int  1190696 281444 281444 280268 280268 369508 738861 760527 760527 128053
## $ Assembly_length : int  5196698 5406295 5406295 4796593 4796593 4638334 4875343 5415613 5415613
## $ contigs1kb      : int  38 155 155 114 114 93 47 57 57 212 ...
## $ average_contig  : num  48118 19517 19517 23629 23629 ...
## $ X               : int  18 8 7 8 7 6 3 9 2 5 ...
## $ Strain.y        : chr  "LREC255" "LREC245" "LREC244" "LREC245" ...
## $ CRISPR          : int  10 10 7 10 7 10 5 6 12 9 ...
## $ Cas             : chr  "[CAS-TypeIE (n=1),, CAS-TypeID (n=1),]" "[CAS (n=1),, CAS (n=1),, CAS-
## $ AMR             : int  NA 4 2 4 2 2 5 4 2 4 ...
## $ Vir             : int  7 4 7 4 7 6 10 8 12 4 ...
## $ Integron        : int  0 0 0 0 0 0 0 0 0 0 ...
## $ seqs            : chr  "2020-08-03" "2019-12-30" "2018-08-14" "2019-12-30" ...
```

```
merge3 <- merge(coli_genomes, colis, by = c("Strain", "Year"))
str(merge3)
```

```
## 'data.frame':   22 obs. of  24 variables:
## $ Strain        : chr  "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Year           : int  NA 2010 2008 NA 2011 2007 2006 2006 2013 2013 ...
## $ Biosample     : chr  "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Source        : chr  "Human" "Human" "Human" "Human" ...
## $ Phylogroup    : chr  "D" "C" "B1" "A" ...
## $ Serotype      : chr  "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype     : chr  "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type : chr  "ST524" "ST88" "ST156" "ST48" ...
## $ VF            : int  18 14 10 5 5 7 4 2 22 22 ...
## $ Plasmids       : int  3 3 2 3 9 3 7 7 1 3 ...
## $ kmer           : int  117 117 89 117 89 93 115 115 115 111 ...
## $ Contigs        : int  223 159 114 212 320 158 277 203 376 205 ...
## $ N50            : int  272287 323172 270767 112160 45936 106897 89185 94368 200150 281589 ...
## $ longest.contig.bp.: int  662555 760527 738861 285056 128053 369508 281444 280268 424527 617142 ...
## $ Assembly_length : int  5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 5389075
## $ contigs1kb      : int  74 57 47 101 212 93 155 114 131 78 ...
## $ average_contig  : num  23954 34060 42766 24375 15182 ...
## $ X               : int  1 2 3 4 5 6 7 8 12 13 ...
## $ CRISPR          : int  9 12 5 9 9 10 7 10 7 7 ...
## $ Cas             : chr  "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-
```

```
## $ AMR : int 2 2 5 2 4 2 2 4 2 2 ...
## $ Vir : int 20 12 10 3 4 6 7 4 26 21 ...
## $ Integron : int 0 0 0 0 0 0 0 0 0 0 ...
## $ seqs : chr "2020-07-24" "2019-02-27" "2018-03-08" "2020-10-12" ...
```

```
merge4 <- merge(coli_genomes, colis, all = TRUE) #outer join
str(merge4)
```

```
## 'data.frame': 27 obs. of 24 variables:
## $ Strain : chr "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Year : int NA 2010 2008 NA 2011 2007 2006 2006 2010 2013 ...
## $ Biosample : chr "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Source : chr "Human" "Human" "Human" "Human" ...
## $ Phylogroup : chr "D" "C" "B1" "A" ...
## $ Serotype : chr "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype : chr "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type : chr "ST524" "ST88" "ST156" "ST48" ...
## $ VF : int 18 14 10 5 5 7 4 2 NA NA ...
## $ Plasmids : int 3 3 2 3 9 3 7 7 NA NA ...
## $ kmer : int 117 117 89 117 89 93 115 115 NA NA ...
## $ Contigs : int 223 159 114 212 320 158 277 203 NA NA ...
## $ N50 : int 272287 323172 270767 112160 45936 106897 89185 94368 NA NA ...
## $ longest.contig.bp.: int 662555 760527 738861 285056 128053 369508 281444 280268 NA NA ...
## $ Assembly_length : int 5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 NA NA ...
## $ contigs1kb : int 74 57 47 101 212 93 155 114 NA NA ...
## $ average_contig : num 23954 34060 42766 24375 15182 ...
## $ X : int 1 2 3 4 5 6 7 8 9 10 ...
## $ CRISPR : int 9 12 5 9 9 10 7 10 6 8 ...
## $ Cas : chr "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" ...
## $ AMR : int 2 2 5 2 4 2 2 4 2 ...
## $ Vir : int 20 12 10 3 4 6 7 4 8 23 ...
## $ Integron : int 0 0 0 0 0 0 0 0 0 0 ...
## $ seqs : chr "2020-07-24" "2019-02-27" "2018-03-08" "2020-10-12" ...
```

```
merge5 <- merge(coli_genomes, colis, all.x = TRUE)
str(merge5)
```

```
## 'data.frame': 22 obs. of 24 variables:
## $ Strain : chr "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Year : int NA 2010 2008 NA 2011 2007 2006 2006 2013 2013 ...
## $ Biosample : chr "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Source : chr "Human" "Human" "Human" "Human" ...
## $ Phylogroup : chr "D" "C" "B1" "A" ...
## $ Serotype : chr "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype : chr "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type : chr "ST524" "ST88" "ST156" "ST48" ...
## $ VF : int 18 14 10 5 5 7 4 2 22 22 ...
## $ Plasmids : int 3 3 2 3 9 3 7 7 1 3 ...
## $ kmer : int 117 117 89 117 89 93 115 115 111 ...
## $ Contigs : int 223 159 114 212 320 158 277 203 376 205 ...
## $ N50 : int 272287 323172 270767 112160 45936 106897 89185 94368 200150 281589 ...
## $ longest.contig.bp.: int 662555 760527 738861 285056 128053 369508 281444 280268 424527 617142 ...
## $ Assembly_length : int 5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 5389075 ...
## $ contigs1kb : int 74 57 47 101 212 93 155 114 131 78 ...
## $ average_contig : num 23954 34060 42766 24375 15182 ...
```

```
## $ X : int 1 2 3 4 5 6 7 8 12 13 ...
## $ CRISPR : int 9 12 5 9 9 10 7 10 7 7 ...
## $ Cas : chr "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS
## $ AMR : int 2 2 5 2 4 2 2 4 2 2 ...
## $ Vir : int 20 12 10 3 4 6 7 4 26 21 ...
## $ Integron : int 0 0 0 0 0 0 0 0 0 0 ...
## $ seqs : chr "2020-07-24" "2019-02-27" "2018-03-08" "2020-10-12" ...
```

```
merge6 <- merge(coli_genomes, colis, all.y = TRUE)
str(merge6)
```

```
## 'data.frame': 27 obs. of 24 variables:
## $ Strain : chr "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Year : int NA 2010 2008 NA 2011 2007 2006 2006 2010 2013 ...
## $ Biosample : chr "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Source : chr "Human" "Human" "Human" "Human" ...
## $ Phylogroup : chr "D" "C" "B1" "A" ...
## $ Serotype : chr "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype : chr "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type : chr "ST524" "ST88" "ST156" "ST48" ...
## $ VF : int 18 14 10 5 5 7 4 2 NA NA ...
## $ Plasmids : int 3 3 2 3 9 3 7 7 NA NA ...
## $ kmer : int 117 117 89 117 89 93 115 115 NA NA ...
## $ Contigs : int 223 159 114 212 320 158 277 203 NA NA ...
## $ N50 : int 272287 323172 270767 112160 45936 106897 89185 94368 NA NA ...
## $ longest.contig.bp.: int 662555 760527 738861 285056 128053 369508 281444 280268 NA NA ...
## $ Assembly_length : int 5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 NA NA ...
## $ contigs1kb : int 74 57 47 101 212 93 155 114 NA NA ...
## $ average_contig : num 23954 34060 42766 24375 15182 ...
## $ X : int 1 2 3 4 5 6 7 8 9 10 ...
## $ CRISPR : int 9 12 5 9 9 10 7 10 6 8 ...
## $ Cas : chr "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS
## $ AMR : int 2 2 5 2 4 2 2 4 4 2 ...
## $ Vir : int 20 12 10 3 4 6 7 4 8 23 ...
## $ Integron : int 0 0 0 0 0 0 0 0 0 0 ...
## $ seqs : chr "2020-07-24" "2019-02-27" "2018-03-08" "2020-10-12" ...
```

```
merge7 <- merge(coli_genomes, colis, by = NULL)
str(merge7)
```

```
## 'data.frame': 594 obs. of 26 variables:
## $ Strain.x : chr "LREC237" "LREC239" "LREC240" "LREC241" ...
## $ Biosample : chr "SAMN14278613" "SAMN14278614" "SAMN14278615" "SAMN14278616" ...
## $ Year.x : int NA 2010 2008 NA 2011 2007 2006 2006 2013 2013 ...
## $ Source : chr "Human" "Human" "Human" "Human" ...
## $ Phylogroup : chr "D" "C" "B1" "A" ...
## $ Serotype : chr "ONT:H28" "O153:H19" "O76:H30" "O78:H11" ...
## $ Clonotype : chr "CH23-331" "CH4-25" "CH29-38" "CH11-41" ...
## $ Sequence.Type : chr "ST524" "ST88" "ST156" "ST48" ...
## $ VF : int 18 14 10 5 5 7 4 2 22 22 ...
## $ Plasmids : int 3 3 2 3 9 3 7 7 1 3 ...
## $ kmer : int 117 117 89 117 89 93 115 115 111 111 ...
## $ Contigs : int 223 159 114 212 320 158 277 203 376 205 ...
## $ N50 : int 272287 323172 270767 112160 45936 106897 89185 94368 200150 281589 ...
## $ longest.contig.bp.: int 662555 760527 738861 285056 128053 369508 281444 280268 424527 617142 ...
```

```
## $ Assembly_length      : int  5341632 5415613 4875343 5167401 4858138 4638334 5406295 4796593 5389075
## $ contigs1kb           : int    74  57  47 101 212 93 155 114 131 78 ...
## $ average_contig       : num 23954 34060 42766 24375 15182 ...
## $ X                    : int    1  1  1  1  1  1  1  1  1  1 ...
## $ Strain.y             : chr  "LREC237" "LREC237" "LREC237" "LREC237" ...
## $ Year.y               : int   NA  NA  NA  NA  NA  NA  NA  NA  NA ...
## $ CRISPR               : int    9  9  9  9  9  9  9  9  9  9 ...
## $ Cas                  : chr  "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-TypeIE (n=1),]" "[CAS-
## $ AMR                  : int    2  2  2  2  2  2  2  2  2  2 ...
## $ Vir                  : int   20 20 20 20 20 20 20 20 20 20 ...
## $ Integron             : int    0  0  0  0  0  0  0  0  0  0 ...
## $ seqs                 : chr  "2020-07-24" "2020-07-24" "2020-07-24" "2020-07-24" ...
```

As you noticed, the function `merge()` combines dataframes, however it is a generic function that can be also used with other objects (like vectors or matrices), but they will be coerced to `data.frame` class.

By default, `merge()` will do a *natural join* or *inner join*, merging two dataframes in one that contains only once the common elements of both. The arguments `all=TRUE`, `all.x=TRUE` and `all.y=TRUE` will force an *outer join* in which all elements of both, the first or the second dataframes are selected. In these cases, if not all rows in the first data frame match all the rows in the second, the output is filled with `NA` values in those cases.

Finally, the Cartesian product of both dataframes can be obtained in R setting as `NULL` the argument `by` of the `merge()` function.

Data matrix format (wide vs. long table)

A common mistake in data analysis is the wrong identification of conditions and variables. In the table *Zebrafish_data.csv* we have the results of an experiment in which a collaborator scored the number of metastatic cancer cells upon the expression of different transcripts of the EFNA3 gene. Each transcript is cloned into a pLoC plasmid, and we have negative (empty plasmid) and positive controls (wt transcript). Let's import and check the data.

```
ZFdata <- read.csv("data/Zebrafish_data.csv")
str(ZFdata)
```

```
## 'data.frame':    41 obs. of  6 variables:
## $ pLoC : int  36 32 10 26 15 23 17 14 44 12 ...
## $ EFNA3: int  35 33 17 25 89 36 40 36 35 37 ...
## $ NC1  : int  58 26 26 18 20 24 10 31 28 26 ...
## $ NC1s : int  11 11 19 12 12 20 7 104 116 11 ...
## $ NC2  : int  53 37 56 48 27 29 22 79 22 18 ...
## $ NC2s : int  40 43 19 18 33 29 29 25 28 47 ...
```

```
head(ZFdata)
```

```
##   pLoC EFNA3 NC1 NC1s NC2 NC2s
## 1   36    35  58   11  53   40
## 2   32    33  26   11  37   43
## 3   10    17  26   19  56   19
## 4   26    25  18   12  48   18
## 5   15    89  20   12  27   33
## 6   23    36  24   20  29   29
```

How many columns has the table? How many variables are there?

Most likely you realized that this table format does not agree with the standard way to introduce the data in a table, the data-matrix (rows for cases and columns for variables).

Having the data, we transform it in a datamatrix (aka *long* table) using the function `stack()`. You can also do it the other way around with the function `unstack()`.

```
ZF_stacked <- stack(ZFdata)
str(ZF_stacked)
```

```
## 'data.frame': 246 obs. of 2 variables:
## $ values: int 36 32 10 26 15 23 17 14 44 12 ...
## $ ind : Factor w/ 6 levels "pLoC","EFNA3",...: 1 1 1 1 1 1 1 1 1 1 ...
```

```
head(ZF_stacked)
```

```
## values ind
## 1 36 pLoC
## 2 32 pLoC
## 3 10 pLoC
## 4 26 pLoC
## 5 15 pLoC
## 6 23 pLoC
```

```
ZF_old <- unstack(ZF_stacked)
str(ZF_old)
```

```
## 'data.frame': 41 obs. of 6 variables:
## $ pLoC : int 36 32 10 26 15 23 17 14 44 12 ...
## $ EFNA3: int 35 33 17 25 89 36 40 36 35 37 ...
## $ NC1 : int 58 26 26 18 20 24 10 31 28 26 ...
## $ NC1s : int 11 11 19 12 12 20 7 104 116 11 ...
## $ NC2 : int 53 37 56 48 27 29 22 79 22 18 ...
## $ NC2s : int 40 43 19 18 33 29 29 25 28 47 ...
```

```
head(ZF_old)
```

```
## pLoC EFNA3 NC1 NC1s NC2 NC2s
## 1 36 35 58 11 53 40
## 2 32 33 26 11 37 43
## 3 10 17 26 19 56 19
## 4 26 25 18 12 48 18
## 5 15 89 20 12 27 33
## 6 23 36 24 20 29 29
```

However, some times the dataset is more complex and there are other variables that change the table structure, as in the table *Zebrafish_full.csv*. In this case, you can stack only the desired variables and then reconstruct the table.

```
ZF_full <- read.csv("data/Zebrafish_full.csv")
head(ZF_full)
```

```
## X pLoC EFNA3 NC1 NC1s NC2 NC2s assay
## 1 1 36 35 58 11 53 40 2
## 2 2 32 33 26 11 37 43 2
## 3 3 10 17 26 19 56 19 2
## 4 4 26 25 18 12 48 18 1
## 5 5 15 89 20 12 27 33 1
## 6 6 23 36 24 20 29 29 1
```

```
# stack
```

```
ZF_full_some_stack <- stack(ZF_full[, 1:6])
```

```
# reconstruct the table
```

```
ZF_full_stack <- cbind(ZF_full[, 1], ZF_full_some_stack)
# short way
ZF_full_stack2 <- cbind(ZF_full[, 1], stack(ZF_full[, 1:6]))
all.equal(ZF_full_stack, ZF_full_stack2)
```

```
## [1] TRUE
```

Remember that *datamatrix* is not an R structure, but a general concept in data analysis. Also, for more complex dataframes, I suggest the function `melt()`. However, this function name refers to two different functions in two alternative packages: *reshape2* and *data.table*, with slightly different behavior.

Working efficiently with large datasets

Fast loading of huge datasets and creation of contingency tables

We are going to make some examples with a huge dataset of Covid19 Vaccination data in EU. The data is publicly available at <https://www.ecdc.europa.eu/en/publications-data/data-covid-19-vaccination-eu-eea>. While you can download and open a file from internet in R, in order to use the same dataset, we have a file *vaccines_EU_22oct2022.csv* in our data folder.

```
# open directly from the ECDC vaccines <- read.csv(file =
# 'https://opendata.ecdc.europa.eu/covid19/vaccine_tracker/csv/data.csv',
# header=TRUE) we will use all the same dataset that I
# already downloaded
vaccines <- read.csv(file = "data/vaccines_EU_22oct2022.csv",
  header = TRUE)
# explore the data
str(vaccines)
```

```
## 'data.frame': 529241 obs. of 16 variables:
## $ YearWeekISO : chr "2020-W53" "2020-W53" "2020-W53" "2020-W53" ...
## $ ReportingCountry : chr "AT" "AT" "AT" "AT" ...
## $ Denominator : int 7388778 7388778 7388778 7388778 7388778 7388778 7388778 7388778 7388778
## $ NumberDosesReceived: int 0 0 0 0 0 0 61425 0 0 0 ...
## $ NumberDosesExported: int 0 0 0 0 0 0 0 0 0 0 ...
## $ FirstDose : int 0 0 0 0 0 0 5339 0 0 0 ...
## $ FirstDoseRefused : int NA NA NA NA NA NA NA NA NA NA ...
## $ SecondDose : int 0 0 0 0 0 0 0 0 0 0 ...
## $ DoseAdditional1 : int 0 0 0 0 0 0 0 0 0 0 ...
## $ DoseAdditional2 : int 0 0 0 0 0 0 0 0 0 0 ...
## $ DoseAdditional3 : int 0 0 0 0 0 0 0 0 0 0 ...
## $ UnknownDose : int 0 0 0 0 0 8 0 0 0 0 ...
## $ Region : chr "AT" "AT" "AT" "AT" ...
## $ TargetGroup : chr "ALL" "ALL" "ALL" "ALL" ...
## $ Vaccine : chr "VLA" "AZ" "COMBA.4-5" "NVXD" ...
## $ Population : int 8901064 8901064 8901064 8901064 8901064 8901064 8901064 8901064 8901064
```

```
head(vaccines)
```

```
## YearWeekISO ReportingCountry Denominator NumberDosesReceived
## 1 2020-W53 AT 7388778 0
## 2 2020-W53 AT 7388778 0
## 3 2020-W53 AT 7388778 0
## 4 2020-W53 AT 7388778 0
## 5 2020-W53 AT 7388778 0
## 6 2020-W53 AT 7388778 0
```

```
##      NumberDosesExported FirstDose FirstDoseRefused SecondDose DoseAdditional1
## 1              0          0              NA          0          0
## 2              0          0              NA          0          0
## 3              0          0              NA          0          0
## 4              0          0              NA          0          0
## 5              0          0              NA          0          0
## 6              0          0              NA          0          0
##      DoseAdditional2 DoseAdditional3 UnknownDose Region TargetGroup Vaccine
## 1              0          0          0      AT      ALL      VLA
## 2              0          0          0      AT      ALL      AZ
## 3              0          0          0      AT      ALL COMBA.4-5
## 4              0          0          0      AT      ALL      NVXD
## 5              0          0          0      AT      ALL MODBA.1
## 6              0          0          8      AT      ALL      UNK
##      Population
## 1      8901064
## 2      8901064
## 3      8901064
## 4      8901064
## 5      8901064
## 6      8901064
```

```
table(vaccines$Region)
```

```
##
##      AT      BE      BG      CY      CZ      DE      DK      EE      EL      ES
## 11520  4510  3977  4237  3967  594  3922  3741  10752  5820
##      FI      FI19  FI193  FI194  FI195  FI197  FI1B  FI1B1  FI1C  FI1C1
## 11232  11232  11232  11232  11232  11232  11232  11232  11232  11232
## FI1C2  FI1C3  FI1C4  FI1C5  FI1D  FI1D1  FI1D2  FI1D3  FI1D5  FI1D7
## 11232  11232  11232  11232  11232  11232  11232  11232  11232  11232
## FI1D8  FI1D9  FI20  FI200  FR      FR1      FRB      FRC      FRD      FRE
## 11232  11232  11232  11232  1316  752  752  752  752  752
## FRF      FRG      FRH      FRI      FRJ      FRK      FRL      FRM      FRY1  FRY2
## 752  752  752  752  752  752  752  752  752  752
## FRY3  FRY4  FRY5  HR      HU      IE      IS      IT      ITC1  ITC2
## 752  752  752  7005  4939  3001  3850  3776  331  270
## ITC3  ITC4  ITF1  ITF2  ITF3  ITF4  ITF5  ITF6  ITG1  ITG2
## 301  315  302  269  316  307  283  298  304  269
## ITH1  ITH2  ITH3  ITH4  ITH5  ITI1  ITI2  ITI3  ITI4  LI
## 315  297  317  319  313  316  294  315  321  3030
## LT      LT01  LT02  LU      LV      MT      NL      NO      PL      PL21
## 5252  808  808  5244  5705  4028  5940  2616  6240  6240
## PL22  PL41  PL42  PL43  PL51  PL52  PL61  PL62  PL63  PL71
## 6240  6240  6240  6240  6240  6240  6240  6240  6240  6240
## PL72  PL81  PL82  PL84  PL92X  PT  PTCSR01  PTCSR02  PTCSR04  PTCSR05
## 6240  6240  6240  6240  6240  5022  492  489  586  666
## PTCSR07  R0      SE      SE11  SE12  SE21  SE22  SE23  SE31  SE32
## 627  3245  3073  380  380  380  380  380  380  380
## SE33  SI      SK      UNK
## 380  2371  2964  752
```

```
head(table(vaccines$Region, vaccines$NumberDosesReceived))
```

```
##
```


##		0	1	2	3	4	5	6	7	8	9	10	11
##	AT	11320	0	0	0	0	0	0	0	0	0	0	0
##	BE	129	0	0	0	0	0	0	0	0	0	0	0
##	BG	243	0	0	0	0	0	0	0	0	0	0	0
##	CY	4102	0	0	0	0	0	0	0	0	0	0	0
##	CZ	206	0	0	0	0	0	0	0	0	0	0	0
##	DE	80	0	0	0	0	0	0	0	0	0	0	0
##													
##		12	13	14	15	16	17	18	19	20	21	22	23
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		24	25	26	27	28	29	30	31	32	33	34	35
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		36	37	38	39	40	41	42	43	44	45	46	47
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0	0	0
##													
##		50	51	53	54	55	56	57	58	59	60	62	63
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		65	67	68	70	72	73	74	75	77	78	80	82
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	1	0
##													
##		84	85	87	91	92	93	94	95	98	99	100	101
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0

##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		102	104	105	109	110	114	115	117	120	122	123	126
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0	0	0
##													
##		127	129	130	136	137	138	140	141	142	144	150	151
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	2	0	0	0	0	0
##													
##		154	155	158	159	160	172	175	176	177	178	179	181
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	0	0	1	0	1	0	0	0	0	0
##													
##		185	187	190	191	193	197	200	202	210	211	214	216
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	1	0	0	0
##													
##		220	221	225	229	234	235	238	243	245	252	265	271
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	1	0	0	0	0	0	0
##													
##		272	274	275	280	284	290	295	298	300	306	309	314
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	1	0	1	1	0	0	0	0	0
##													
##		315	318	330	343	346	350	353	354	355	358	359	369
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0

##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0	0	0
##													
##		371	378	379	390	395	400	415	425	426	430	431	438
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	1	1	0	0	0	0	0
##													
##		440	443	455	456	458	467	474	485	490	495	498	499
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	1	0	0
##													
##		500	502	506	508	521	525	526	530	540	568	575	580
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0	1	1
##													
##		586	587	590	592	595	600	610	612	613	615	640	650
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0	0	1	0
##													
##		661	664	682	689	700	703	710	722	725	729	736	749
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	1	0	0	0
##													
##		751	771	772	778	784	787	793	797	800	813	815	835
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	1	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		837	839	855	861	884	885	891	900	905	910	915	923
##	AT	0	0	0	0	0	0	0	0	0	0	0	0

##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	1	0	0	0	0
##		925	930	958	962	966	973	981	1000	1015	1020	1029	1050
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	0	0	0
##		1052	1053	1062	1077	1083	1100	1120	1121	1132	1148	1170	1191
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	0	0	0	0	0
##		1200	1205	1235	1236	1247	1277	1300	1307	1350	1389	1395	1400
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	6	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	0	0	0	0	0	0	0	0	1	0
##		1474	1479	1500	1501	1535	1550	1574	1578	1599	1600	1603	1609
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	1	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##		1662	1697	1699	1700	1705	1715	1764	1765	1800	1824	1849	1871
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	1	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0	0	0
##		1875	1880	1900	1919	1934	1950	1964	1969	1982	1996	2000	2021
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	1	0
##	CZ	0	0	0	0	0	0	0	0	0	0	1	0
##	DE	1	0	0	0	0	0	0	0	0	0	0	0
##													

##		2087	2100	2105	2107	2142	2160	2196	2200	2204	2229	2252	2262
##	AT	0	0	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		2291	2300	2313	2340	2380	2382	2386	2399	2400	2420	2430	2500
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	3	0	0	0
##	CY	0	0	0	0	0	0	0	0	7	0	1	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		2540	2550	2575	2600	2629	2655	2674	2700	2714	2777	2786	2800
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	1	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	1	0	0	0	0	0	0	0	0	0
##													
##		2805	2810	2832	2847	2850	2900	2924	2955	2962	3000	3001	3023
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	1	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	1	0	0	0	0	0	0	0	0	0	0
##													
##		3030	3100	3150	3200	3201	3250	3270	3273	3298	3300	3350	3400
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	1
##	DE	1	0	0	0	0	0	1	0	0	0	1	0
##													
##		3420	3453	3488	3500	3509	3510	3530	3567	3584	3591	3600	3618
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	1	0
##	CY	0	0	0	1	0	0	0	0	0	0	1	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	1	0	0	0	0	0
##													
##		3644	3700	3720	3730	3800	3900	4000	4037	4090	4100	4126	4200
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	1	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0

##	DE	0	0	1	1	0	0	0	0	1	0	0	0
##													
##		4230	4251	4300	4310	4350	4380	4400	4414	4422	4426	4480	4500
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	1
##	DE	1	0	0	0	1	1	0	0	0	0	1	0
##													
##		4533	4600	4622	4650	4680	4681	4700	4725	4727	4770	4786	4800
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	1
##	CY	0	0	0	0	1	0	0	0	0	1	0	9
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		4842	4862	4875	4898	4900	5000	5010	5130	5162	5200	5300	5350
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	1	0	0	0	1
##													
##		5400	5450	5490	5500	5526	5656	5700	5740	5762	5800	5850	5893
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	2	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0	0	0	0
##													
##		5900	5950	5961	6000	6008	6009	6073	6100	6200	6250	6297	6400
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	2	0	0	0	0	0	0	0	0
##	CY	0	0	0	6	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	1	0	0
##													
##		6436	6500	6600	6694	6745	6750	6762	6790	6795	6825	6950	7000
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	3	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	1	0	0	0	0
##													
##		7020	7040	7100	7140	7150	7153	7160	7200	7230	7272	7300	7500
##	AT	0	0	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	1	0	0	1	0

##	CY	1	0	1	0	0	0	0	5	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		7505	7550	7700	7790	7800	7900	7906	7970	8000	8150	8190	8200
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	2	0
##	CZ	0	0	0	0	0	1	0	0	0	0	0	0
##	DE	0	1	0	1	0	0	0	1	0	0	0	0
##													
##		8300	8400	8450	8500	8503	8550	8555	8600	8622	8640	8770	8850
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	3	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	1	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	1	1
##													
##		8900	9000	9100	9136	9200	9215	9360	9400	9475	9500	9600	9650
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	1	0	1	0	0	0	6	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	1	0	0	0
##													
##		9700	9750	9800	9828	9910	9965	10000	10013	10100	10150	10200	10350
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	1	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	1	0	0	0	0	0	0	0	0	1	0
##	CZ	0	0	0	0	0	0	0	0	1	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0	0	0
##													
##		10509	10530	10725	10800	10850	11200	11350	11440	11500	11520	11550	11600
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	1	0	0	0	0	0	0	0	0	0
##	CY	0	2	0	1	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	1	0	0	0	0
##													
##		11700	11800	11827	11900	12000	12208	12300	12350	12450	12540	12600	12606
##	AT	0	0	0	0	2	0	1	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	6	0	0	0	0	0	0	0
##	CY	2	0	0	0	6	0	0	0	0	0	0	0
##	CZ	1	1	0	1	4	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	1	0	0
##													
##		12740	12801	12870	13100	13200	13400	13600	13650	13700	13765	14000	14010
##	AT	0	0	0	0	0	0	0	0	0	0	0	0

##	BE	0	0	0	0	1	0	0	0	0	0	0	0
##	BG	0	0	4	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	1	0	0	0	0	1	0	0
##													
##		14040	14100	14190	14200	14250	14310	14400	14500	14546	14580	14650	14800
##	AT	0	1	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	1	0	0	0	0	0	3	0	0	0	0	0
##	CY	4	0	0	0	0	0	4	0	0	0	0	0
##	CZ	0	0	0	0	0	0	2	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0	0	0
##													
##		15000	15100	15210	15300	15384	15600	16000	16200	16287	16380	16560	16600
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	1	0	0	0	0	0
##	CY	2	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	1	0
##													
##		16660	16800	17000	17500	17510	17550	17600	17750	17800	17900	18000	18001
##	AT	0	1	0	0	0	0	0	0	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	3	0	0	0	2	0	0	0	0	0	0
##	CY	0	1	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	1	0	0	0	0	0	0	0
##													
##		18010	18100	18398	18400	18510	18720	18870	18930	19015	19170	19200	19400
##	AT	0	0	0	0	0	0	0	0	0	0	3	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	1	0	0	0	0	3	0
##	CY	0	0	0	0	0	2	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	3	0
##	DE	1	0	0	0	0	0	0	1	0	0	0	0
##													
##		19500	19700	19890	19900	20003	20010	20040	20200	20300	20370	20400	20402
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	1	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	1	0
##	DE	0	0	0	1	0	0	0	0	0	1	0	0
##													
##		20926	21000	21060	21600	22000	22060	22080	22220	22230	22300	22408	22570
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	3	1	0	0	0	0	0	0	0	0
##	CY	0	0	2	2	0	0	0	0	1	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	1	0	0	0	1
##													

##		22600	22800	22835	22892	22900	23040	23250	23400	23600	23800	23957	24000
##	AT	0	0	0	0	0	0	0	0	0	0	0	2
##	BE	0	0	0	0	0	0	0	0	0	0	0	1
##	BG	0	0	0	0	0	0	0	0	0	0	0	1
##	CY	0	0	0	0	0	0	0	1	0	0	0	1
##	CZ	0	0	0	0	1	0	0	1	0	0	0	2
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		24208	24545	24570	24600	24700	24960	25100	25200	25220	25400	25475	25740
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	1	0	0	0	0
##	BG	0	0	0	0	0	0	0	1	0	0	0	1
##	CY	0	0	2	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	2	0	0	0	0
##	DE	0	1	0	0	0	0	0	0	1	0	0	0
##													
##		25890	25920	26274	26399	26400	26500	26910	27000	27060	27439	27564	27600
##	AT	0	0	0	0	1	0	0	1	0	0	0	0
##	BE	0	0	0	0	2	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	1	2	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		27620	27885	28080	28660	28800	29100	29250	29700	29720	29805	30000	30100
##	AT	0	0	0	0	3	0	0	0	0	0	0	0
##	BE	0	0	0	0	2	0	0	0	0	0	1	0
##	BG	0	1	0	0	2	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	1	0	0	0	0	0	1	0	0
##													
##		30225	30240	30420	30490	30670	30870	30963	31200	31590	31600	31624	31680
##	AT	0	0	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	1	0	0	0	0	2	1	0	0	1
##	CY	0	0	1	0	0	0	0	0	5	0	0	0
##	CZ	0	0	0	0	0	0	0	1	0	1	0	0
##	DE	0	0	0	1	1	0	0	0	0	0	0	0
##													
##		31700	31800	31940	31971	32400	32760	32910	33000	33400	33600	33867	33900
##	AT	0	0	0	0	0	0	0	0	0	3	0	0
##	BE	0	0	0	0	0	0	0	0	0	1	0	0
##	BG	0	0	0	0	0	0	0	0	0	1	0	0
##	CY	0	0	0	0	0	1	0	1	0	1	0	0
##	CZ	1	0	0	0	0	0	0	0	1	0	0	1
##	DE	0	0	1	0	0	0	0	0	0	0	0	0
##													
##		33930	34125	34150	34560	34700	34800	34900	35000	35100	35500	35685	35700
##	AT	0	0	0	0	0	1	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	1	0	0	0	0	0
##	CY	1	0	0	0	0	0	0	0	3	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0

##	DE	0	0	0	0	0	0	0	0	0	0	1	0
##													
##		35735	35770	35795	35900	36000	36075	36100	36270	36400	36522	37200	37226
##	AT	0	0	0	0	3	0	0	0	0	0	1	0
##	BE	0	0	0	0	4	0	0	0	0	0	0	0
##	BG	0	0	0	0	6	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	2	0	0	0	0
##	CZ	0	0	0	1	1	0	0	0	0	0	0	0
##	DE	1	1	1	0	0	0	0	0	0	0	0	0
##													
##		37400	37440	37600	37800	38000	38160	38300	38400	38523	38610	38688	38800
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	1	0	0	0	0
##	BG	0	0	0	0	0	0	0	1	0	0	0	0
##	CY	1	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	1	1	1	0	0	4	0	0	0	0
##	DE	0	0	0	0	0	1	1	0	0	0	0	0
##													
##		39000	39200	39520	39600	39739	39770	39780	40000	40080	40200	40480	40800
##	AT	0	1	0	0	0	0	0	0	0	0	0	1
##	BE	0	0	0	0	0	0	0	0	0	0	0	1
##	BG	0	0	0	0	0	0	1	0	0	0	0	1
##	CY	0	1	0	0	0	0	1	0	1	0	0	0
##	CZ	0	0	0	2	0	0	0	0	0	1	0	2
##	DE	0	0	1	0	0	1	0	0	0	0	0	0
##													
##		40950	41000	41255	41400	42000	42120	42133	42600	42615	42900	43000	43200
##	AT	0	0	0	0	0	0	0	0	0	0	0	1
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	1	0	0	0	0	0	0	0
##	CY	0	0	0	0	1	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	1	0	0	0
##													
##		43290	43320	43380	43590	43870	44260	44300	44400	44460	44850	45010	45370
##	AT	0	0	0	0	0	0	0	2	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	1	0	0	0	0	2	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	1	0	0	0	0	0	1
##													
##		45600	45630	45750	45800	45825	45890	45990	46000	46200	46401	46500	46800
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	1	0	0	0	0	0	0	0	0	0	0	0
##	BG	2	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	1	1	0	0	0	0	0
##													
##		47100	47110	47450	47775	47880	47955	47970	48000	48680	48800	48960	49140
##	AT	0	0	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	2	0	0	0	0
##	BG	0	0	0	0	0	0	1	0	0	0	0	0

##	CY	0	0	0	0	0	0	0	0	0	0	4	0
##	CZ	0	0	0	0	0	0	0	3	0	0	0	0
##	DE	1	1	1	0	0	0	0	0	0	0	0	0
##													
##		49200	50000	50310	50330	50400	50500	50505	50647	50800	51100	51300	51370
##	AT	1	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	1	0	0	0	0	0	0	0
##	CY	0	0	1	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	0	1	1	0
##	DE	0	0	0	1	0	0	0	0	0	0	1	1
##													
##		51480	51600	51780	51840	52200	52400	52500	52650	52800	52980	53100	53590
##	AT	0	0	0	0	0	0	0	0	1	0	0	0
##	BE	0	0	0	0	0	0	0	0	1	0	0	0
##	BG	0	1	0	0	0	0	0	0	1	0	0	0
##	CY	0	0	0	0	0	0	0	1	1	0	0	0
##	CZ	0	0	0	0	0	0	0	0	4	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	1	0	1
##													
##		53660	53680	53710	53820	54000	54090	54285	54300	54600	54810	54990	55000
##	AT	0	0	0	0	0	0	0	0	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	4	0	0	0	0	0	0	0
##	DE	1	0	1	0	0	1	0	0	0	0	0	0
##													
##		55100	55169	55200	55400	55600	55732	56030	56090	56160	56230	56400	56500
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	2	0	1	0
##	CZ	0	0	2	1	0	0	0	0	0	0	3	0
##	DE	0	0	0	0	0	0	1	1	0	1	0	0
##													
##		56850	56900	57000	57044	57256	57330	57488	57600	58500	58800	59400	59670
##	AT	0	0	0	0	0	0	0	5	1	8	0	0
##	BE	0	0	0	0	0	0	0	1	0	0	0	0
##	BG	0	0	0	0	0	0	0	2	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	2	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	1	0
##													
##		60000	60023	60200	60480	60840	61200	61300	61425	61800	62010	62400	62460
##	AT	0	0	0	0	0	0	1	3	0	0	1	0
##	BE	1	0	0	0	0	0	0	0	0	0	0	0
##	BG	1	0	0	0	0	2	0	0	0	3	2	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0	2	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		62570	62600	62645	63120	63180	63600	63840	64350	64600	64800	65000	65520
##	AT	0	0	0	0	0	0	0	0	0	2	0	0

##	BE	0	0	0	0	0	1	0	0	0	1	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	1	0	0	1	0	0	0	0
##	CZ	0	0	0	0	0	3	0	0	0	0	0	0
##	DE	1	0	1	1	0	1	0	0	0	0	0	0
##													
##		65820	65956	66000	66240	66300	66600	66690	66758	66770	67050	67100	67200
##	AT	0	0	1	0	0	0	2	0	0	0	0	2
##	BE	0	0	0	0	0	0	0	0	0	0	0	3
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	1	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	1	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	1	0	0	0
##													
##		67275	67300	67400	67800	67860	68100	68130	68400	68500	69000	69030	69082
##	AT	0	0	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	3	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	0	0	0	0	0
##													
##		69086	69186	69225	69600	69800	70200	70500	70740	70800	71370	71700	71820
##	AT	0	0	0	0	0	1	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	5	0	0	0
##	DE	1	0	0	0	0	0	0	1	0	0	0	0
##													
##		72000	72388	72540	72695	73100	73200	73710	73800	74400	74600	74880	75000
##	AT	2	0	0	0	0	1	0	0	4	0	0	0
##	BE	0	0	0	0	0	0	0	0	1	0	0	0
##	BG	0	0	0	0	0	1	0	0	1	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	1	1	0	0	0	3
##	DE	0	0	0	0	1	0	0	0	0	0	0	0
##													
##		75500	75600	75950	76050	76800	77220	77400	77760	77820	77821	78000	78390
##	AT	0	0	0	0	3	0	0	0	0	0	0	0
##	BE	0	0	0	0	6	0	0	0	0	0	0	1
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	1	1	0	1	0	1	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		78410	78975	78990	79200	79560	79800	79950	80280	80400	80700	80730	80800
##	AT	0	0	0	2	0	0	0	0	0	0	1	0
##	BE	0	0	0	3	0	1	0	0	3	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	1	0	0	1
##	DE	1	0	0	0	0	0	0	1	0	0	0	0
##													

##		81000	81180	81300	81600	81900	82000	82131	82142	82200	82800	82963	83070
##	AT	0	0	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	2	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	0	0	0	1
##	DE	0	0	0	0	0	0	0	0	0	0	0	0
##													
##		83300	83500	83850	84000	84200	84240	84600	84820	85200	85310	85410	85600
##	AT	0	0	0	0	0	1	0	0	0	0	0	0
##	BE	0	0	0	1	0	0	0	0	2	0	0	1
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	0	0	0	0	0	1	0
##	DE	0	0	0	0	0	0	0	0	0	1	0	0
##													
##		85700	86400	86580	87000	87600	87643	87750	88032	88450	88800	88920	89280
##	AT	0	0	0	0	1	0	0	0	0	1	0	0
##	BE	0	1	1	1	0	0	0	0	0	1	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0	0	0
##													
##		89700	90000	90090	90200	90692	90966	91200	91260	92430	93000	93200	93600
##	AT	0	0	0	0	0	0	0	1	0	0	0	1
##	BE	0	0	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0	0	2
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	6	0	0	0	0	0	1	0	0	0	1
##	DE	0	1	0	0	1	0	0	0	0	0	0	1
##													
##		94400	94770	94800	95000	95220	95800	95940	96000	96087	97110	98150	98280
##	AT	0	0	1	1	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	2	0	1	0	1
##	BG	0	0	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0	1	0
##													
##		98300	98400	98475	99000	99060	99450	99600	100000	100620	100800	100900	
##	AT	0	1	0	0	0	0	0	0	0	0	0	
##	BE	0	0	0	0	1	0	0	0	0	1	0	
##	BG	0	0	0	0	0	0	0	0	0	0	0	
##	CY	0	0	0	0	0	0	0	0	0	0	0	
##	CZ	0	0	0	1	0	0	0	2	0	0	0	
##	DE	0	0	0	0	0	0	0	0	0	0	0	
##													
##		101370	101790	102000	102540	102600	102960	103200	104130	104916	105300		
##	AT	0	0	1	0	0	0	0	0	0	0	0	
##	BE	0	0	0	0	0	0	0	0	0	0	0	
##	BG	0	0	0	0	0	0	0	0	0	0	0	
##	CY	0	0	0	0	0	0	0	0	0	0	0	
##	CZ	0	0	0	0	0	0	0	0	0	0	0	

##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		105600	106470	106560	106800	107640	108000	108810	108990	109200	109400
##	AT	3	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	1	0	0	0	0	1	0	0	0	0
##	CY	0	0	0	0	0	1	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	1
##											
##		109440	109980	110000	110400	111150	111500	111600	111720	112320	112383
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	0
##											
##		112800	113490	114000	114600	114660	115200	115830	116200	116400	117000
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	1	0	0	0	0	3
##	BG	1	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	2	0
##	DE	0	0	1	0	0	0	0	0	0	0
##											
##		117400	117600	118170	118300	118700	119100	119340	120000	120200	120400
##	AT	0	4	0	0	0	0	0	1	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	1	1	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		120510	120854	121200	121680	121800	122345	122400	122600	122850	123840
##	AT	0	0	1	0	0	0	0	0	0	0
##	BE	1	0	0	0	0	0	1	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	0	0	0	1	0	0	0	0
##											
##		123900	124000	124020	124800	125190	125520	126000	126360	126590	126720
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	2	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	1	0	1	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	1	0
##											
##		127200	127530	127700	128400	128700	128800	129465	129600	129870	130800
##	AT	0	0	0	0	2	0	0	1	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	3	0

##	CY	0	0	0	0	0	0	0	0	1	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	0	0	0
##											
##		132000	132210	133150	133200	133380	134400	134550	134880	134900	135100
##	AT	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0	0
##											
##		135600	135720	136800	136890	137100	137130	138000	138020	138060	138240
##	AT	0	1	0	2	0	0	1	0	1	0
##	BE	0	0	0	0	1	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	1	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0
##											
##		139000	139200	139230	139740	141081	141120	141570	141600	142000	142650
##	AT	1	0	0	0	0	0	0	1	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	1	0	0	0	0	0	0
##											
##		142740	142800	142840	143601	143910	144000	144240	144960	145080	145200
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	1	0	0
##											
##		145400	146250	146400	146700	146800	146880	147420	147500	147600	148590
##	AT	0	0	1	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	1	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		148800	149760	150000	150930	151125	151200	152400	152640	153270	153600
##	AT	0	0	0	0	0	0	1	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	1
##	BG	0	0	0	0	0	1	0	0	0	0
##	CY	0	0	0	0	0	0	1	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0
##											
##		154440	154800	155610	156000	156300	156780	157001	157200	157950	158400
##	AT	0	0	0	0	0	0	0	0	0	0

##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	1	0	0	0	0	1	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	1
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		159120	159600	160290	160680	160800	160890	160900	162230	162825	162900
##	AT	0	0	0	0	2	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	1	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	1	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	1
##											
##		163001	163200	163800	164658	165000	165600	166140	167200	167310	168000
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	1
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	2	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		168480	169920	170400	170820	171400	171600	171900	171990	172800	173160
##	AT	0	0	1	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	1	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0
##											
##		173990	174000	174330	174800	175200	175500	175915	176400	176467	176670
##	AT	0	0	0	0	1	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	1
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	0
##											
##		177600	177700	177840	178500	178560	178760	179010	179800	180000	180180
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	1	0	1	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0
##											
##		180960	181800	182301	182400	182520	183690	184800	184860	186030	187200
##	AT	0	0	0	1	0	0	0	0	0	1
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	1	0	0	1	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	1
##	DE	0	0	0	1	0	0	0	0	0	0
##											

##		187300	188300	188316	188400	188500	189540	189600	190600	190710	191880
##	AT	0	0	0	0	0	1	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	1	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		192000	192300	193050	193200	193400	194220	194400	195390	195600	195840
##	AT	1	1	0	1	1	0	2	0	0	1
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		196560	196800	197730	198000	198500	198540	198900	199200	200000	200070
##	AT	1	0	2	0	0	0	0	1	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	1	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	1	0
##	DE	0	0	0	0	0	1	0	0	0	0
##											
##		200100	201000	201240	201600	202100	203580	204000	204070	204750	205725
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	0
##											
##		205920	206400	206450	207090	207360	207700	207840	208000	208100	208260
##	AT	0	0	0	0	0	0	1	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0	0
##											
##		208800	210000	210500	211200	211400	211770	212000	212940	213400	213840
##	AT	1	0	0	1	0	0	0	0	0	1
##	BE	0	0	0	0	0	1	0	0	0	0
##	BG	1	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	2	0	2	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		214110	214290	214800	215280	215460	216000	216600	217950	218400	218790
##	AT	0	0	0	2	0	0	1	0	0	0
##	BE	1	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0

##	DE	0	0	0	0	0	0	1	0	0	0
##											
##		219000	219510	220230	220800	222000	222300	223050	223200	223470	223556
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	1	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	1
##											
##		224250	224400	224640	225810	226400	227010	227520	227850	228150	229320
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	1	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	1	1	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	0
##											
##		230350	230400	231900	232130	232800	233100	233280	233760	234000	234880
##	AT	0	1	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	1	0	0	0
##	DE	0	0	0	1	0	0	0	0	0	1
##											
##		234900	235200	235500	235670	235900	236400	237500	237600	238300	238500
##	AT	0	1	0	0	0	0	0	0	0	0
##	BE	1	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	1	0	0	0	0	0	0
##											
##		238680	238800	239310	239850	240000	240322	242190	243000	243300	243360
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	1	0	0
##	BG	0	0	0	0	1	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0
##											
##		243700	244800	244896	245000	245700	246870	247680	248040	248400	248800
##	AT	0	1	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	1	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		249600	250270	250280	250800	251280	251550	251610	252000	253890	255060
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0

##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	0	0	0	0	0
##	DE	0	1	0	0	0	0	0	0	0	0
##											
##		255600	256230	256800	258560	258604	259200	259740	260160	261200	261600
##	AT	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	1	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	1	0	0
##	DE	0	0	0	1	1	0	0	0	0	0
##											
##		262800	264000	264320	264420	264900	265000	265590	265970	266400	267600
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	1	0	0
##											
##		267840	267930	269060	269100	269424	270270	270300	271200	272610	273600
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	2	0	1	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	1	0	0
##	DE	0	0	1	0	1	0	0	0	0	0
##											
##		273780	274950	276000	276120	276480	277200	280402	280800	281900	281970
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	3	0	0	0	0	0	0	0
##	BG	3	1	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	0	0	0
##											
##		283360	284310	284400	284455	285480	286650	288000	289459	289700	290100
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	1	2	0	0	0	0
##	DE	1	0	0	1	0	0	0	0	1	0
##											
##		290160	290302	290880	291660	292000	292200	293200	293670	294840	295200
##	AT	1	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	1	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	1	0	0	0	0	0	0	0	0	0
##	DE	0	1	0	0	0	0	0	0	0	0
##											
##		296010	296730	297000	297180	297900	297978	298350	298900	299520	300000
##	AT	2	0	0	2	0	0	2	0	0	1

##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0
##											
##		300200	300690	302400	302736	303030	303600	304200	305370	306540	307710
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	2	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	2	2	0
##	DE	0	0	0	1	0	0	0	0	0	0
##											
##		308874	308880	310044	312390	313200	313470	313560	313736	314400	314730
##	AT	1	2	1	2	0	0	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	2	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	0
##											
##		315600	316000	316800	317070	318240	319200	319500	319800	320580	321750
##	AT	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		322000	324000	326430	328500	328800	330574	332500	333060	333450	333600
##	AT	0	1	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	1	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		334620	335200	335340	335790	336960	337440	338130	340320	340800	341640
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	1	0	0	0	1	0	1	0	0
##	BG	0	0	0	0	0	0	1	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		342402	342720	342810	343200	343980	344600	345150	345600	346320	346800
##	AT	0	0	0	0	0	0	0	1	0	0
##	BE	0	0	2	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	0
##											

##		347350	347490	348000	349830	350220	350400	351000	351360	351450	351751
##	AT	1	0	0	0	0	0	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	1	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		352170	352405	352415	352800	353340	354240	354510	354804	355200	355646
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	1	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	1
##											
##		355680	356850	357390	357600	358020	359190	359520	359970	361530	361600
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	1	2	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	2	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		362300	362400	362880	363531	363870	364800	365040	366000	367200	367575
##	AT	1	0	0	0	0	0	0	1	0	0
##	BE	0	0	0	0	2	0	0	0	0	0
##	BG	0	0	0	0	1	0	1	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	0	0
##											
##		368520	368550	369321	369600	369720	370800	370890	372000	372030	372060
##	AT	1	0	0	0	0	0	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		374400	375235	375570	375600	376800	378150	379080	379110	379128	380250
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	1	0
##											
##		381225	381400	381870	382100	382200	382590	383760	384000	384280	384930
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	1	0	0	0	0	0	0	0

##	DE	0	0	0	0	0	0	0	0	1	0
##											
##		385200	385920	386400	387270	387300	387600	388440	389610	391200	391950
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	1	0	1	5	0	0	0	0
##	BG	0	1	0	0	0	0	0	1	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	2
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		392900	393600	394110	395440	396000	396328	396630	396800	397590	397800
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	1	0	0	0	1	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	2	0	0	1	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	1	0
##											
##		397802	398400	398970	399300	400000	400140	400320	403200	404820	405600
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	1	0
##	DE	0	0	0	0	0	0	0	0	0	1
##											
##		406800	408000	409500	409700	410400	410670	412000	412014	412871	414180
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	1	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0
##											
##		416520	417600	417650	417690	418612	418860	419261	419790	420000	420030
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	1	0	1	0	0	0	1	0
##											
##		421200	421440	422370	422400	423360	424000	424800	426000	427050	427200
##	AT	0	0	0	1	0	0	0	0	0	1
##	BE	0	0	0	0	0	0	0	0	1	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		428220	429390	429393	429956	430560	431730	432000	432549	432900	433454
##	AT	0	0	0	0	1	0	0	0	0	0
##	BE	0	4	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0

##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	3	0	0	1	1	0	0	2	0
##	DE	0	0	0	0	0	0	1	0	0	0
##											
##		434908	436410	437760	438750	439920	440640	441090	441600	442260	442800
##	AT	0	0	1	2	0	1	0	0	0	0
##	BE	0	0	0	0	0	0	1	0	3	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		444000	444330	447570	450000	453600	455130	456000	460800	460983	461600
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	1	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		465600	465660	466940	468000	470300	470400	472320	474000	474656	480000
##	AT	0	1	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0	0
##											
##		480600	483210	484498	484800	486024	486720	487200	487890	489060	492608
##	AT	1	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	1	0
##											
##		493805	494000	495360	496080	497250	498420	498750	499260	501600	502500
##	AT	0	0	0	0	1	0	0	1	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		502539	502800	503100	503540	504000	504270	504600	505252	506140	506403
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	1	0	0	0	0	0	0
##											
##		506610	507780	508800	510124	510132	510904	511200	511290	512460	512640
##	AT	0	0	0	0	0	0	0	0	0	0

##	BE	0	0	0	0	0	0	0	2	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		513630	513720	513740	514800	515190	519480	520265	520650	522600	523959
##	AT	0	0	0	0	0	1	0	0	0	0
##	BE	0	0	0	0	1	0	0	0	0	0
##	BG	1	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	1	0	0	0	1	0	0	0
##											
##		526069	526500	528000	529140	531180	532350	532355	533190	533520	534690
##	AT	0	0	0	1	0	1	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	1	0	0	0
##											
##		536000	537030	537600	538997	539370	540000	541500	541600	542400	542401
##	AT	1	0	1	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0	0
##											
##		546390	547200	547750	549900	550000	551070	554800	554900	558090	558600
##	AT	0	0	0	0	0	1	0	0	1	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	2	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0	0
##											
##		558720	559200	559260	560400	561180	561600	562950	563940	564500	565110
##	AT	0	0	1	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	1	0	0
##	DE	0	0	0	1	1	0	0	0	0	0
##											
##		566000	566280	567450	573300	574800	578520	580320	580800	580900	581430
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	0
##											

##		583200	588000	595530	597000	600000	600630	601920	604800	606060	607680
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		608047	611557	612000	612220	614250	616595	620850	621000	621270	621600
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		622890	625920	626400	627600	628290	629460	630400	631868	634140	638200
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	1	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		639810	641160	641636	643200	643500	645840	648000	649350	650400	650520
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	1	0
##											
##		650880	651690	655200	655550	656370	656400	657700	658710	659520	662400
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	2	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	1	0	0	0	0	0	0	0	1	1
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		663390	663600	664207	664560	665400	665730	665752	666000	669600	670594
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		672750	677430	678600	678900	680940	682988	684450	687056	687375	687960
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0

##	DE	0	0	0	0	0	0	0	0	1	0
##											
##		688290	692640	696150	697320	697500	697700	698490	700800	702000	702036
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	1	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	0	0	0	0	0
##											
##		702880	703748	704346	709600	713911	714340	715200	716526	716600	719550
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	1	1	0	0	0	1	1	0	0	0
##											
##		721100	722031	722884	723060	725400	726000	727110	733590	734273	734400
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	1	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	1	0	0	0	0	0	0
##	DE	1	0	1	0	0	0	0	0	0	0
##											
##		735820	736800	737100	741308	744850	744950	747630	748800	751140	751680
##	AT	0	0	0	0	0	0	0	5	0	1
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	1	1	0	1	0	1	2	0	0	0
##											
##		754560	754650	757440	758400	761012	762840	768000	769300	771500	772200
##	AT	1	0	1	0	0	0	0	0	0	1
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	1	0	0	0	1	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0	0
##											
##		773638	778470	781830	793500	795570	796900	798453	800280	809640	810810
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	1	1
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	1	0	0	0	0	0	0	0
##	DE	1	1	0	0	1	0	0	0	0	0
##											
##		815311	826644	827274	833850	836943	842064	842400	847100	848250	848616
##	AT	0	0	0	2	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	1	0
##	BG	0	0	0	0	0	0	0	0	0	0

##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	1	1	0	0	1	1	0	0	1
##											
##		852930	868400	873666	873990	875160	876000	877850	882180	888510	892800
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	1	0	0	0	0
##											
##		897818	899010	903240	904410	906531	926370	926640	929360	938681	945494
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	1	1	0	1	0	0	1	1	0	0
##											
##		955600	964080	964326	971034	977640	983676	986200	993600	994080	998400
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	1	1	0	0	1	0
##											
##		1000000	1000350	1000740	1000800	1014390	1015200	1019070	1020830	1021818	
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	1	1	
##											
##		1023000	1026090	1027505	1037413	1041432	1054736	1056500	1057759	1063200	
##	AT	0	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0	0
##											
##		1064700	1070550	1076400	1083420	1084800	1087650	1089264	1089572	1091610	
##	AT	1	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	2	0	0	1	1	0	
##											
##		1099800	1110000	1114668	1118400	1120860	1123313	1128000	1133416	1136070	
##	AT	0	1	0	0	0	0	0	0	0	0

##	BE	0	0	0	0	0	0	0	0	
##	BG	0	0	0	0	0	0	0	0	
##	CY	0	0	0	0	0	0	0	0	
##	CZ	0	0	0	0	0	0	0	0	
##	DE	0	0	0	0	0	0	0	0	
##										
##		1137300	1137600	1137900	1138410	1138600	1143350	1148826	1148940	1149600
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	1	1	0	0
##										
##		1150800	1152000	1157130	1160270	1170000	1170430	1173600	1173618	1174080
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	1	0	1	0	1	1
##										
##		1174875	1179360	1186876	1191844	1196844	1202640	1203600	1207605	1208610
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	1	1	0	1	0	0
##										
##		1227330	1234800	1240200	1247220	1248390	1256800	1261200	1282815	1295190
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		1297530	1303200	1306800	1312911	1315038	1318711	1318900	1319040	1319080
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0
##										
##		1325610	1326340	1327200	1329600	1333200	1339650	1351200	1363047	1369300
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	1	1	0	0	0	0	0	0
##										

##		1374000	1381200	1389793	1392300	1399217	1400000	1400792	1416000	1420800
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		1427400	1431000	1434200	1459200	1464000	1482890	1483050	1490154	1497902
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	1	0	0	0	1	1	0	0
##										
##		1506000	1506960	1508130	1527000	1550400	1551523	1562222	1564800	1572500
##	AT	1	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	1	0
##										
##		1576800	1584000	1584753	1600651	1605600	1614725	1627723	1632400	1638000
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		1645690	1645760	1650437	1657890	1663274	1673030	1677780	1678950	1692990
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		1694844	1701180	1702350	1703520	1705200	1706560	1708810	1709370	1715020
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	0	0	0	0	1	1	0	1
##										
##		1722240	1745640	1746810	1747980	1753920	1756800	1760280	1763500	1763690
##	AT	0	0	0	0	0	0	1	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0

##	DE	0	0	0	0	0	0	0	0	0
##										
##		1808500	1809600	1815168	1818400	1837770	1838070	1839900	1846764	1848810
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	1	1	0
##										
##		1849200	1849980	1868400	1901200	1934400	1937280	1944000	1951200	1960050
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	1	0	0	0	0	0
##										
##		2001650	2011473	2035411	2041860	2042314	2042957	2053077	2061040	2064750
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		2073300	2075023	2077200	2077700	2102920	2104000	2113712	2120800	2121242
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	1	0	0	0	0
##										
##		2121272	2126361	2128230	2138400	2138954	2145451	2151920	2157480	2174874
##	AT	0	0	1	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		2190248	2192346	2192778	2204000	2204258	2211845	2224800	2233878	2252700
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	0	1	0	0	0	0	0	0
##										
##		2266290	2289600	2292950	2306010	2306200	2314524	2324526	2348190	2348370
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0

##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	1	0	0	0
##										
##		2354400	2363300	2370420	2409030	2419200	2441790	2442960	2443650	2503800
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	0	0	0	0
##										
##		2519010	2519670	2520180	2535390	2538084	2568150	2577510	2578680	2579850
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	1	0	0	1	0	0	0	0
##										
##		2583400	2593890	2617674	2642500	2661750	2689000	2692320	2720400	2726100
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	1	0	0	0	0	0	0
##										
##		2737734	2740170	2824266	2829700	2836481	2870004	2870400	2903162	3005520
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	0	1	0	0	0	0	0	0
##										
##		3026880	3034600	3040830	3042000	3074400	3092796	3100563	3146400	3211944
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	0	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	0	0	0	0	0	1	0	0	1
##										
##		3251358	3252788	3318636	3325800	3330400	3359232	3419424	3426947	3453500
##	AT	0	0	0	0	0	0	0	0	0
##	BE	0	0	0	0	0	0	0	0	0
##	BG	0	0	0	0	1	0	0	0	0
##	CY	0	0	0	0	0	0	0	0	0
##	CZ	0	0	0	0	0	0	0	0	0
##	DE	1	1	1	1	0	0	1	0	0
##										
##		3471180	3472560	3473310	3475930	3513648	3521700	3527550	3536910	3605974
##	AT	0	0	0	0	0	0	0	0	0

```
## BE      0      0      0      0      0      0      0      0      0      0
## BG      0      0      0      0      0      0      0      0      0      0
## CY      0      0      0      0      0      0      0      0      0      0
## CZ      0      0      0      0      0      0      0      0      0      0
## DE      0      0      1      1      0      0      0      0      0      0
##
##      3616320 3657621 3699540 3751020 3754134 3816612 3821120 3881110 3888942
## AT      0      0      0      0      0      0      0      0      0      0
## BE      0      0      0      0      0      0      0      0      0      0
## BG      0      0      0      0      0      0      0      0      0      0
## CY      0      0      0      0      0      0      0      0      0      0
## CZ      0      0      0      0      0      0      0      0      0      0
## DE      0      0      0      0      1      1      0      1      1      1
##
##      3965130 3970932 4024780 4050360 4102800 4119570 4222530 4405050 4410900
## AT      0      0      0      0      0      0      0      0      0      0
## BE      0      0      0      0      0      0      0      0      0      0
## BG      0      0      0      0      0      0      0      0      0      0
## CY      0      0      0      0      0      0      0      0      0      0
## CZ      0      0      0      0      0      0      0      0      0      0
## DE      0      1      1      1      1      0      0      0      0      0
##
##      4455700 4526780 4590420 4619388 4749124 4752001 5017182 5238852 5287158
## AT      0      0      0      0      0      0      0      0      0      0
## BE      0      0      0      0      0      0      0      0      0      0
## BG      0      0      0      0      0      0      0      0      0      0
## CY      0      0      0      0      0      0      0      0      0      0
## CZ      0      0      0      0      0      0      0      0      0      0
## DE      0      0      1      1      0      0      1      1      1      1
##
##      5731660 6398850 6449100 8956098 9818370
## AT      0      0      0      0      0
## BE      0      0      0      0      0
## BG      0      0      0      0      0
## CY      0      0      0      0      0
## CZ      0      0      0      0      0
## DE      1      0      1      1      0
```

```
summary(vaccines[which(vaccines$Region == "ES"), ], 6) #see the data from Spain
```

```
##      Min. 1st Qu.  Median      Mean 3rd Qu.      Max.
##         0         0         1  14641     511 1512313
```

```
table(vaccines)
```

```
## Error in table(vaccines): attempt to make a table with >= 2^31 elements
```

When exploring (very) large datasets as in the example above you can find that some functions don't work because they can't handle all that data (*Error in table(vaccines) : attempt to make a table with >= 2³¹ elements*). Here, we are going to use alternative methods, more efficient and convenient for this datasets.

One of those tricks is the use of the package *data.table*, very handy for large datasets. In the following lines, we will compare reading/writing data with the function `fread()` and `fwrite()`.

```
# load the package may require installing it before
if (!require(data.table)) {
  install.packages("data.table")
}
```



```

}

## Loading required package: data.table

# if that doesn't work try: install.packages('data.table',
# type = 'source', repos =
# 'https://Rdatatable.gitlab.io/data.table')

system.time(vaccines <- read.csv(file = "data/vaccines_EU_22oct2022.csv",
  header = TRUE))

##      user  system elapsed
##    1.701    0.061    1.764

system.time(vaccines <- fread("data/vaccines_EU_22oct2022.csv"))

##      user  system elapsed
##    0.267    0.010    0.278

# we can also prevent loading of some columns to save time
system.time(vaccines2 <- fread("data/vaccines_EU_22oct2022.csv",
  drop = c(3, 5, 7, 9, 10)))

##      user  system elapsed
##    0.161    0.005    0.165

system.time(vaccines3 <- fread("data/vaccines_EU_22oct2022.csv",
  colClasses = "character")) #we can also select the variables by type

##      user  system elapsed
##    0.281    0.005    0.286

```

Resume data

Tabulating data is very common and quick way to obtain information from a dataset. As you already now, the `table()` function in R can be used to quickly create frequency tables. The output of both `xtabs()` and `table()` is nearly the same, although `xtabs()` is more convenient for complex cross tabulations. Still some users prefer the use of derivative `table()` uses, like including it within the `with()` function. I believe that `xtabs()` provides a more straightforward alternative. Moreover, `xtabs()` has interesting advantages: 1) row and column labels are included automatically, set to the variable names and 2) there is a `data=` argument, which means you just have to reference the variable names. With `xtabs()`, you do not list out the variables of interest separated by commas. Instead you use formula notation, which is `~variable1+variable2+...` where `variable1` and `variable2` are the names of the variables of interest.

```

xtabs(vaccines) #works

## < table of extent 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 >

# library(stats) if xtabs() does not work compare table()
# and xtabs()
table(vaccines$ReportingCountry)

##
##      AT      BE      BG      CY      CZ      DE      DK      EE      EL      ES      FI
## 11520  4510  3977  4237  3967   594  3922  3741 10752  5820 269568
##      FR      HR      HU      IE      IS      IT      LI      LT      LU      LV      MT
## 15604  7005  4939  3001  3850 10148  3030  6868  5244  5705  4028
##      NL      NO      PL      PT      RO      SE      SI      SK
##   5940  2616 106080  7882  3245  6113  2371  2964

```

```

str(table(vaccines$ReportingCountry))

## 'table' int [1:30(1d)] 11520 4510 3977 4237 3967 594 3922 3741 10752 5820 ...
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:30] "AT" "BE" "BG" "CY" ...

xtabs(formula = ~ReportingCountry, data = vaccines)

## ReportingCountry
##      AT      BE      BG      CY      CZ      DE      DK      EE      EL      ES      FI
## 11520  4510  3977  4237  3967   594  3922  3741 10752  5820 269568
##      FR      HR      HU      IE      IS      IT      LI      LT      LU      LV      MT
## 15604  7005  4939  3001  3850 10148  3030  6868  5244  5705  4028
##      NL      NO      PL      PT      RO      SE      SI      SK
##   5940  2616 106080  7882  3245  6113  2371  2964

str(xtabs(formula = ~ReportingCountry, data = vaccines))

## 'xtabs' int [1:30(1d)] 11520 4510 3977 4237 3967 594 3922 3741 10752 5820 ...
## - attr(*, "dimnames")=List of 1
## ..$ ReportingCountry: chr [1:30] "AT" "BE" "BG" "CY" ...
## - attr(*, "call")= language xtabs(formula = ~ReportingCountry, data = vaccines)
# with 2 or more variables?
table(vaccines[, c(ReportingCountry, as.factor(Vaccine))]) #not really

##
##      1      10      11      12      13      14      15      16      17      2      3
## 75003  1744    49      6 61004   976   683 49997 31109 1847   183
##      4      5      6      7      8      9      AT      BE      BG      CY      CZ
## 83781 33897 33422      6 74417 81117 11520 4510 3977 4237 3967
##      DE      DK      EE      EL      ES      FI      FR      HR      HU      IE      IS
##   594  3922  3741 10752  5820 269568 15604 7005 4939 3001 3850
##      IT      LI      LT      LU      LV      MT      NL      NO      PL      PT      RO
## 10148  3030  6868  5244  5705  4028  5940  2616 106080 7882 3245
##      SE      SI      SK
##   6113  2371  2964

with(vaccines, table(ReportingCountry, as.factor(Vaccine))) ## note 'with'

##
## ReportingCountry      AZ BECNBG BHACOV      COM COMBA.1 COMBA.4-5 COMBIV JANSS      MOD
##              AT 1152      0      0 1152      1152      1152      0 1152 1152
##              BE  795      0      0 1035      155      115      0  865 1015
##              BG  994      0      0 1045      0      0      0  894 1044
##              CY  932      0      0 1052      48      48      0  799  910
##              CZ  542      0      0 1177      72      52      0  686 1091
##              DE   88      0      0   95      0      0      6   78   92
##              DK  588      0      0 1179      116      90      0  590  987
##              EE  824      0      0  901      54      27      0  719  856
##              EL 1520      0      0 1602     1520     1522      0 1548 1520
##              ES 1455      0      0 1455      0      0      0 1455 1455
##              FI 29952      0      0 29952     29952     29952      0 29952 29952
##              FR   94      0      0   94      0      0      0   94   94
##              HR 1245      0      0 1440      0      0      0 1335 1425
##              HU  701     905      0  985      54      0      0  825  955
##              IE  372      0      0 1178      0      0      0  410  878

```

##	IS	646	0	0	1316	72	17	0	847	766
##	IT	1306	0	0	3032	258	220	0	1606	2750
##	LI	0	0	0	960	30	0	0	960	960
##	LT	1496	0	0	1615	0	0	0	1326	1564
##	LU	1116	0	0	1188	120	96	0	996	1152
##	LV	1295	0	0	1373	0	0	0	1178	1334
##	MT	1040	0	0	1065	0	0	0	912	1011
##	NL	990	0	0	990	0	0	0	990	990
##	NO	547	0	0	854	0	0	0	403	812
##	PL	21216	0	0	21216	0	0	0	21216	21216
##	PT	1139	942	183	1555	294	131	0	1025	1348
##	RO	790	0	0	865	0	0	0	735	855
##	SE	1520	0	0	1520	0	0	0	0	1520
##	SI	372	0	0	853	0	0	0	304	705
##	SK	276	0	0	1037	0	0	0	517	708

##

##	ReportingCountry	MODBA.1	MODBA.4-5	MODBIV	NVXD	SIN	SPU	UNK	VLA
----	------------------	---------	-----------	--------	------	-----	-----	-----	-----

##	AT	1152	0	0	1152	0	0	1152	1152
##	BE	145	0	0	385	0	0	0	0
##	BG	0	0	0	0	0	0	0	0
##	CY	48	48	0	352	0	0	0	0
##	CZ	49	0	0	298	0	0	0	0
##	DE	0	0	6	34	0	0	190	5
##	DK	0	0	0	0	0	0	372	0
##	EE	54	0	0	306	0	0	0	0
##	EL	0	0	0	1520	0	0	0	0
##	ES	0	0	0	0	0	0	0	0
##	FI	0	0	0	29952	0	0	29952	29952
##	FR	0	0	0	94	0	0	15134	0
##	HR	0	0	0	435	0	0	1125	0
##	HU	0	0	0	0	0	514	0	0
##	IE	0	0	0	163	0	0	0	0
##	IS	4	1	0	61	0	0	120	0
##	IT	132	0	0	844	0	0	0	0
##	LI	40	0	0	80	0	0	0	0
##	LT	0	0	0	0	0	0	867	0
##	LU	120	0	0	456	0	0	0	0
##	LV	0	0	0	525	0	0	0	0
##	MT	0	0	0	0	0	0	0	0
##	NL	0	0	0	990	0	0	990	0
##	NO	0	0	0	0	0	0	0	0
##	PL	0	0	0	21216	0	0	0	0
##	PT	0	0	0	289	976	0	0	0
##	RO	0	0	0	0	0	0	0	0
##	SE	0	0	0	1520	0	0	33	0
##	SI	0	0	0	118	0	0	19	0
##	SK	0	0	0	214	0	169	43	0

alternative

```
vaccines_split <- xtabs(formula = ~ReportingCountry + as.factor(Vaccine),
  data = vaccines)
```

now create a standard dataframe

```
vaccines_split <- as.data.frame(xtabs(~ReportingCountry + as.factor(Vaccine),
  vaccines))
```

As discussed above, `xtabs()` can be used with more than two variables, although the resulting cross-tabulated table may be too long. Optionally, on the left hand side, one may give a vector or a matrix of counts; in the latter case, the columns are interpreted as corresponding to the levels of a variable.

```
# also with several variables, although it takes some time
vaccines_split2 <- xtabs(~ReportingCountry + NumberDosesReceived +
  as.factor(Vaccine) + as.factor(TargetGroup), vaccines)
vaccines_split2b <- xtabs(NumberDosesReceived ~ ReportingCountry +
  as.factor(Vaccine) + as.factor(TargetGroup), vaccines)
```

Sometimes, it is better to use a shorter table as an example...

Using `coli_genomes_renamed.csv`, could you make a table with genome frequencies by isolation source (*Source*), phylogenetic group (*Phylogroup*) and multilocus sequence type (*Sequence.Type*)?

```
coli_genomes <- read.csv2(file = "data/coli_genomes_renamed.csv",
  strip.white = TRUE) #load the table

xgenomes <- xtabs(~Source + Phylogroup + Sequence.Type, coli_genomes)
```

This is quite a long cross-table, maybe you could find more convenient transforming it to a flat contingency table with `ftable()`.

```
xgenomesf <- ftable(xtabs(~Source + Phylogroup + Sequence.Type,
  coli_genomes))
# Oh wait, what I want the STs on the left?
xgenomesf2 <- ftable(xtabs(~Sequence.Type + Source + Phylogroup,
  coli_genomes))
# No, only the STs on the left
xgenomesf3 <- ftable(xtabs(~Sequence.Type + Source + Phylogroup,
  coli_genomes), row.vars = 1)
xgenomesf3b <- ftable(xtabs(~Sequence.Type + Source + Phylogroup,
  coli_genomes), col.vars = 2)
xgenomesf3c <- ftable(xtabs(~Sequence.Type + Source + Phylogroup,
  coli_genomes), col.vars = 2:3)
```

As you notice, the format of the table can be defined by the order of the variables and also using the arguments `row.vars` and `col.vars` to define which variables will be summarized as column or row.

Again, rather than concepts from R or RStudio, cross-tabulation and flat contingency tables are general concepts in data analysis.

Data aggregation and transformation

By() & aggregate()

While frequency tables can be very quickly generated with `table()` and `xtable()`, sometimes you may want other calculations than frequency, like basic statistics per group or other, even custom, calculations.

You have already tried the function `by()` as a very useful trick to make group-calculations. However, this function has some limitations when we have large datasets and when we try to use multiple factors that can be solved with `aggregate()`. In both cases, the function can be any function that suits your data, either from R packages or a custom function.

In the following example, we are using a smaller dataset that we extracted by `sample()`.

```
vaccines2 <- vaccines[sample(x = 1:nrow(vaccines), size = 1000,
  replace = FALSE), ]
```

```
# using by()
by(vaccines2$NumberDosesReceived, INDICES = vaccines2$Region,
   FUN = mean, na.rm = TRUE)
```

```
## vaccines2$Region: AT
## [1] 0
## -----
## vaccines2$Region: BE
## [1] NaN
## -----
## vaccines2$Region: BG
## [1] NaN
## -----
## vaccines2$Region: CY
## [1] 960
## -----
## vaccines2$Region: CZ
## [1] NaN
## -----
## vaccines2$Region: DK
## [1] 8190
## -----
## vaccines2$Region: EE
## [1] 0
## -----
## vaccines2$Region: EL
## [1] NaN
## -----
## vaccines2$Region: ES
## [1] NaN
## -----
## vaccines2$Region: FI
## [1] NaN
## -----
## vaccines2$Region: FI19
## [1] NaN
## -----
## vaccines2$Region: FI193
## [1] NaN
## -----
## vaccines2$Region: FI194
## [1] NaN
## -----
## vaccines2$Region: FI195
## [1] NaN
## -----
## vaccines2$Region: FI197
## [1] NaN
## -----
## vaccines2$Region: FI1B
## [1] NaN
## -----
## vaccines2$Region: FI1B1
```

```

## [1] NaN
## -----
## vaccines2$Region: FI1C
## [1] NaN
## -----
## vaccines2$Region: FI1C1
## [1] NaN
## -----
## vaccines2$Region: FI1C2
## [1] NaN
## -----
## vaccines2$Region: FI1C3
## [1] NaN
## -----
## vaccines2$Region: FI1C4
## [1] NaN
## -----
## vaccines2$Region: FI1C5
## [1] NaN
## -----
## vaccines2$Region: FI1D
## [1] NaN
## -----
## vaccines2$Region: FI1D1
## [1] NaN
## -----
## vaccines2$Region: FI1D2
## [1] NaN
## -----
## vaccines2$Region: FI1D3
## [1] NaN
## -----
## vaccines2$Region: FI1D5
## [1] NaN
## -----
## vaccines2$Region: FI1D7
## [1] NaN
## -----
## vaccines2$Region: FI1D8
## [1] NaN
## -----
## vaccines2$Region: FI1D9
## [1] NaN
## -----
## vaccines2$Region: FI20
## [1] NaN
## -----
## vaccines2$Region: FI200
## [1] NaN
## -----
## vaccines2$Region: FR
## [1] 0
## -----
## vaccines2$Region: FR1

```

```

## [1] NaN
## -----
## vaccines2$Region: FRC
## [1] NaN
## -----
## vaccines2$Region: FRD
## [1] NaN
## -----
## vaccines2$Region: FRE
## [1] NaN
## -----
## vaccines2$Region: FRF
## [1] NaN
## -----
## vaccines2$Region: FRG
## [1] NaN
## -----
## vaccines2$Region: FRH
## [1] NaN
## -----
## vaccines2$Region: FRJ
## [1] NaN
## -----
## vaccines2$Region: FRK
## [1] NaN
## -----
## vaccines2$Region: FRL
## [1] NaN
## -----
## vaccines2$Region: FRM
## [1] NaN
## -----
## vaccines2$Region: FRY1
## [1] NaN
## -----
## vaccines2$Region: FRY2
## [1] NaN
## -----
## vaccines2$Region: FRY3
## [1] NaN
## -----
## vaccines2$Region: FRY4
## [1] NaN
## -----
## vaccines2$Region: FRY5
## [1] NaN
## -----
## vaccines2$Region: HR
## [1] NaN
## -----
## vaccines2$Region: HU
## [1] NaN
## -----
## vaccines2$Region: IE

```

```

## [1] 0
## -----
## vaccines2$Region: IS
## [1] 5245
## -----
## vaccines2$Region: IT
## [1] NaN
## -----
## vaccines2$Region: ITC1
## [1] NaN
## -----
## vaccines2$Region: ITF5
## [1] NaN
## -----
## vaccines2$Region: ITG2
## [1] NaN
## -----
## vaccines2$Region: ITH1
## [1] NaN
## -----
## vaccines2$Region: ITH2
## [1] NaN
## -----
## vaccines2$Region: ITH5
## [1] NaN
## -----
## vaccines2$Region: ITI1
## [1] NaN
## -----
## vaccines2$Region: ITI2
## [1] NaN
## -----
## vaccines2$Region: ITI3
## [1] NaN
## -----
## vaccines2$Region: ITI4
## [1] NaN
## -----
## vaccines2$Region: LI
## [1] 0
## -----
## vaccines2$Region: LT
## [1] 0
## -----
## vaccines2$Region: LT01
## [1] 371
## -----
## vaccines2$Region: LT02
## [1] 0
## -----
## vaccines2$Region: LU
## [1] 0
## -----
## vaccines2$Region: LV

```



```

## [1] 0
## -----
## vaccines2$Region: MT
## [1] NaN
## -----
## vaccines2$Region: NL
## [1] 0
## -----
## vaccines2$Region: NO
## [1] NaN
## -----
## vaccines2$Region: PL
## [1] 298500
## -----
## vaccines2$Region: PL21
## [1] NaN
## -----
## vaccines2$Region: PL22
## [1] NaN
## -----
## vaccines2$Region: PL41
## [1] NaN
## -----
## vaccines2$Region: PL42
## [1] NaN
## -----
## vaccines2$Region: PL43
## [1] NaN
## -----
## vaccines2$Region: PL51
## [1] NaN
## -----
## vaccines2$Region: PL52
## [1] NaN
## -----
## vaccines2$Region: PL61
## [1] NaN
## -----
## vaccines2$Region: PL62
## [1] NaN
## -----
## vaccines2$Region: PL63
## [1] NaN
## -----
## vaccines2$Region: PL71
## [1] NaN
## -----
## vaccines2$Region: PL72
## [1] NaN
## -----
## vaccines2$Region: PL81
## [1] NaN
## -----
## vaccines2$Region: PL82

```

```

## [1] NaN
## -----
## vaccines2$Region: PL84
## [1] NaN
## -----
## vaccines2$Region: PL92X
## [1] NaN
## -----
## vaccines2$Region: PT
## [1] 0
## -----
## vaccines2$Region: PTCSR02
## [1] NaN
## -----
## vaccines2$Region: PTCSR04
## [1] NaN
## -----
## vaccines2$Region: PTCSR07
## [1] NaN
## -----
## vaccines2$Region: R0
## [1] NaN
## -----
## vaccines2$Region: SE
## [1] NaN
## -----
## vaccines2$Region: SE11
## [1] NaN
## -----
## vaccines2$Region: SE21
## [1] NaN
## -----
## vaccines2$Region: SE23
## [1] NaN
## -----
## vaccines2$Region: SE32
## [1] NaN
## -----
## vaccines2$Region: SI
## [1] 0
## -----
## vaccines2$Region: SK
## [1] 0
## -----
## vaccines2$Region: UNK
## [1] NaN

# more than one factor? how?
by(vaccines2$NumberDosesReceived, INDICES = vaccines2$Region +
  vaccines2$Vaccine, FUN = mean, na.rm = TRUE)

## Error in vaccines2$Region + vaccines2$Vaccine: argumento no-numérico para operador binario
by(vaccines2$NumberDosesReceived, INDICES = c(vaccines2$Region,
  vaccines2$Vaccine), FUN = mean, na.rm = TRUE)

```

```
## Error in tapply(seq_len(1000L), list(`c(vaccines2$Region, vaccines2$Vaccine)` = c("FI1D3", : argument
by(vaccines2$NumberDosesReceived, INDICES = list(vaccines2$Region,
  vaccines2$Vaccine), FUN = mean, na.rm = TRUE)
```

```
## : AT
## : AZ
## [1] 0
## -----
## : BE
## : AZ
## [1] NA
## -----
## : BG
## : AZ
## [1] NaN
## -----
## : CY
## : AZ
## [1] 3200
## -----
## : CZ
## : AZ
## [1] NA
## -----
## : DK
## : AZ
## [1] 0
## -----
## : EE
## : AZ
## [1] 0
## -----
## : EL
## : AZ
## [1] NaN
## -----
## : ES
## : AZ
## [1] NaN
## -----
## : FI
## : AZ
## [1] NaN
## -----
## : FI19
## : AZ
## [1] NaN
## -----
## : FI193
## : AZ
## [1] NaN
## -----
## : FI194
## : AZ
```

```

## [1] NaN
## -----
## : FI195
## : AZ
## [1] NaN
## -----
## : FI197
## : AZ
## [1] NaN
## -----
## : FI1B
## : AZ
## [1] NA
## -----
## : FI1B1
## : AZ
## [1] NaN
## -----
## : FI1C
## : AZ
## [1] NaN
## -----
## : FI1C1
## : AZ
## [1] NaN
## -----
## : FI1C2
## : AZ
## [1] NaN
## -----
## : FI1C3
## : AZ
## [1] NA
## -----
## : FI1C4
## : AZ
## [1] NA
## -----
## : FI1C5
## : AZ
## [1] NA
## -----
## : FI1D
## : AZ
## [1] NaN
## -----
## : FI1D1
## : AZ
## [1] NaN
## -----
## : FI1D2
## : AZ
## [1] NaN
## -----

```

```

## : FI1D3
## : AZ
## [1] NaN
## -----
## : FI1D5
## : AZ
## [1] NaN
## -----
## : FI1D7
## : AZ
## [1] NA
## -----
## : FI1D8
## : AZ
## [1] NaN
## -----
## : FI1D9
## : AZ
## [1] NaN
## -----
## : FI20
## : AZ
## [1] NaN
## -----
## : FI200
## : AZ
## [1] NaN
## -----
## : FR
## : AZ
## [1] NA
## -----
## : FR1
## : AZ
## [1] NA
## -----
## : FRC
## : AZ
## [1] NA
## -----
## : FRD
## : AZ
## [1] NA
## -----
## : FRE
## : AZ
## [1] NA
## -----
## : FRF
## : AZ
## [1] NA
## -----
## : FRG
## : AZ

```

```

## [1] NA
## -----
## : FRH
## : AZ
## [1] NA
## -----
## : FRJ
## : AZ
## [1] NA
## -----
## : FRK
## : AZ
## [1] NA
## -----
## : FRL
## : AZ
## [1] NA
## -----
## : FRM
## : AZ
## [1] NA
## -----
## : FRY1
## : AZ
## [1] NA
## -----
## : FRY2
## : AZ
## [1] NA
## -----
## : FRY3
## : AZ
## [1] NA
## -----
## : FRY4
## : AZ
## [1] NA
## -----
## : FRY5
## : AZ
## [1] NA
## -----
## : HR
## : AZ
## [1] NaN
## -----
## : HU
## : AZ
## [1] NA
## -----
## : IE
## : AZ
## [1] NA
## -----

```

```

## : IS
## : AZ
## [1] 0
## -----
## : IT
## : AZ
## [1] NaN
## -----
## : ITC1
## : AZ
## [1] NA
## -----
## : ITF5
## : AZ
## [1] NA
## -----
## : ITG2
## : AZ
## [1] NA
## -----
## : ITH1
## : AZ
## [1] NA
## -----
## : ITH2
## : AZ
## [1] NA
## -----
## : ITH5
## : AZ
## [1] NaN
## -----
## : ITI1
## : AZ
## [1] NA
## -----
## : ITI2
## : AZ
## [1] NA
## -----
## : ITI3
## : AZ
## [1] NA
## -----
## : ITI4
## : AZ
## [1] NaN
## -----
## : LI
## : AZ
## [1] NA
## -----
## : LT
## : AZ

```

```

## [1] 0
## -----
## : LT01
## : AZ
## [1] NA
## -----
## : LT02
## : AZ
## [1] NA
## -----
## : LU
## : AZ
## [1] 0
## -----
## : LV
## : AZ
## [1] 0
## -----
## : MT
## : AZ
## [1] NA
## -----
## : NL
## : AZ
## [1] NA
## -----
## : NO
## : AZ
## [1] NA
## -----
## : PL
## : AZ
## [1] NaN
## -----
## : PL21
## : AZ
## [1] NA
## -----
## : PL22
## : AZ
## [1] NaN
## -----
## : PL41
## : AZ
## [1] NaN
## -----
## : PL42
## : AZ
## [1] NaN
## -----
## : PL43
## : AZ
## [1] NaN
## -----

```



```

## : PL51
## : AZ
## [1] NaN
## -----
## : PL52
## : AZ
## [1] NaN
## -----
## : PL61
## : AZ
## [1] NA
## -----
## : PL62
## : AZ
## [1] NaN
## -----
## : PL63
## : AZ
## [1] NaN
## -----
## : PL71
## : AZ
## [1] NaN
## -----
## : PL72
## : AZ
## [1] NA
## -----
## : PL81
## : AZ
## [1] NA
## -----
## : PL82
## : AZ
## [1] NA
## -----
## : PL84
## : AZ
## [1] NaN
## -----
## : PL92X
## : AZ
## [1] NaN
## -----
## : PT
## : AZ
## [1] NaN
## -----
## : PTCSR02
## : AZ
## [1] NA
## -----
## : PTCSR04
## : AZ

```

```

## [1] NA
## -----
## : PTCSR07
## : AZ
## [1] NA
## -----
## : RO
## : AZ
## [1] NA
## -----
## : SE
## : AZ
## [1] NaN
## -----
## : SE11
## : AZ
## [1] NaN
## -----
## : SE21
## : AZ
## [1] NaN
## -----
## : SE23
## : AZ
## [1] NA
## -----
## : SE32
## : AZ
## [1] NA
## -----
## : SI
## : AZ
## [1] NA
## -----
## : SK
## : AZ
## [1] NA
## -----
## : UNK
## : AZ
## [1] NA
## -----
## : AT
## : BECNBG
## [1] NA
## -----
## : BE
## : BECNBG
## [1] NA
## -----
## : BG
## : BECNBG
## [1] NA
## -----

```

```

## : CY
## : BECNBG
## [1] NA
## -----
## : CZ
## : BECNBG
## [1] NA
## -----
## : DK
## : BECNBG
## [1] NA
## -----
## : EE
## : BECNBG
## [1] NA
## -----
## : EL
## : BECNBG
## [1] NA
## -----
## : ES
## : BECNBG
## [1] NA
## -----
## : FI
## : BECNBG
## [1] NA
## -----
## : FI19
## : BECNBG
## [1] NA
## -----
## : FI193
## : BECNBG
## [1] NA
## -----
## : FI194
## : BECNBG
## [1] NA
## -----
## : FI195
## : BECNBG
## [1] NA
## -----
## : FI197
## : BECNBG
## [1] NA
## -----
## : FI1B
## : BECNBG
## [1] NA
## -----
## : FI1B1
## : BECNBG

```

```

## [1] NA
## -----
## : FI1C
## : BECNBG
## [1] NA
## -----
## : FI1C1
## : BECNBG
## [1] NA
## -----
## : FI1C2
## : BECNBG
## [1] NA
## -----
## : FI1C3
## : BECNBG
## [1] NA
## -----
## : FI1C4
## : BECNBG
## [1] NA
## -----
## : FI1C5
## : BECNBG
## [1] NA
## -----
## : FI1D
## : BECNBG
## [1] NA
## -----
## : FI1D1
## : BECNBG
## [1] NA
## -----
## : FI1D2
## : BECNBG
## [1] NA
## -----
## : FI1D3
## : BECNBG
## [1] NA
## -----
## : FI1D5
## : BECNBG
## [1] NA
## -----
## : FI1D7
## : BECNBG
## [1] NA
## -----
## : FI1D8
## : BECNBG
## [1] NA
## -----

```

```

## : FI1D9
## : BECNBG
## [1] NA
## -----
## : FI20
## : BECNBG
## [1] NA
## -----
## : FI200
## : BECNBG
## [1] NA
## -----
## : FR
## : BECNBG
## [1] NA
## -----
## : FR1
## : BECNBG
## [1] NA
## -----
## : FRC
## : BECNBG
## [1] NA
## -----
## : FRD
## : BECNBG
## [1] NA
## -----
## : FRE
## : BECNBG
## [1] NA
## -----
## : FRF
## : BECNBG
## [1] NA
## -----
## : FRG
## : BECNBG
## [1] NA
## -----
## : FRH
## : BECNBG
## [1] NA
## -----
## : FRJ
## : BECNBG
## [1] NA
## -----
## : FRK
## : BECNBG
## [1] NA
## -----
## : FRL
## : BECNBG

```

```

## [1] NA
## -----
## : FRM
## : BECNBG
## [1] NA
## -----
## : FRY1
## : BECNBG
## [1] NA
## -----
## : FRY2
## : BECNBG
## [1] NA
## -----
## : FRY3
## : BECNBG
## [1] NA
## -----
## : FRY4
## : BECNBG
## [1] NA
## -----
## : FRY5
## : BECNBG
## [1] NA
## -----
## : HR
## : BECNBG
## [1] NA
## -----
## : HU
## : BECNBG
## [1] NaN
## -----
## : IE
## : BECNBG
## [1] NA
## -----
## : IS
## : BECNBG
## [1] NA
## -----
## : IT
## : BECNBG
## [1] NA
## -----
## : ITC1
## : BECNBG
## [1] NA
## -----
## : ITF5
## : BECNBG
## [1] NA
## -----

```

```

## : ITG2
## : BECNBG
## [1] NA
## -----
## : ITH1
## : BECNBG
## [1] NA
## -----
## : ITH2
## : BECNBG
## [1] NA
## -----
## : ITH5
## : BECNBG
## [1] NA
## -----
## : ITI1
## : BECNBG
## [1] NA
## -----
## : ITI2
## : BECNBG
## [1] NA
## -----
## : ITI3
## : BECNBG
## [1] NA
## -----
## : ITI4
## : BECNBG
## [1] NA
## -----
## : LI
## : BECNBG
## [1] NA
## -----
## : LT
## : BECNBG
## [1] NA
## -----
## : LT01
## : BECNBG
## [1] NA
## -----
## : LT02
## : BECNBG
## [1] NA
## -----
## : LU
## : BECNBG
## [1] NA
## -----
## : LV
## : BECNBG

```

```

## [1] NA
## -----
## : MT
## : BECNBG
## [1] NA
## -----
## : NL
## : BECNBG
## [1] NA
## -----
## : NO
## : BECNBG
## [1] NA
## -----
## : PL
## : BECNBG
## [1] NA
## -----
## : PL21
## : BECNBG
## [1] NA
## -----
## : PL22
## : BECNBG
## [1] NA
## -----
## : PL41
## : BECNBG
## [1] NA
## -----
## : PL42
## : BECNBG
## [1] NA
## -----
## : PL43
## : BECNBG
## [1] NA
## -----
## : PL51
## : BECNBG
## [1] NA
## -----
## : PL52
## : BECNBG
## [1] NA
## -----
## : PL61
## : BECNBG
## [1] NA
## -----
## : PL62
## : BECNBG
## [1] NA
## -----

```



```

## : PL63
## : BECNBG
## [1] NA
## -----
## : PL71
## : BECNBG
## [1] NA
## -----
## : PL72
## : BECNBG
## [1] NA
## -----
## : PL81
## : BECNBG
## [1] NA
## -----
## : PL82
## : BECNBG
## [1] NA
## -----
## : PL84
## : BECNBG
## [1] NA
## -----
## : PL92X
## : BECNBG
## [1] NA
## -----
## : PT
## : BECNBG
## [1] 0
## -----
## : PTCSR02
## : BECNBG
## [1] NaN
## -----
## : PTCSR04
## : BECNBG
## [1] NA
## -----
## : PTCSR07
## : BECNBG
## [1] NA
## -----
## : RO
## : BECNBG
## [1] NA
## -----
## : SE
## : BECNBG
## [1] NA
## -----
## : SE11
## : BECNBG

```

```

## [1] NA
## -----
## : SE21
## : BECNBG
## [1] NA
## -----
## : SE23
## : BECNBG
## [1] NA
## -----
## : SE32
## : BECNBG
## [1] NA
## -----
## : SI
## : BECNBG
## [1] NA
## -----
## : SK
## : BECNBG
## [1] NA
## -----
## : UNK
## : BECNBG
## [1] NA
## -----
## : AT
## : COM
## [1] 0
## -----
## : BE
## : COM
## [1] NaN
## -----
## : BG
## : COM
## [1] NaN
## -----
## : CY
## : COM
## [1] 0
## -----
## : CZ
## : COM
## [1] NaN
## -----
## : DK
## : COM
## [1] 24570
## -----
## : EE
## : COM
## [1] 0
## -----

```

```

## : EL
## : COM
## [1] NaN
## -----
## : ES
## : COM
## [1] NaN
## -----
## : FI
## : COM
## [1] NaN
## -----
## : FI19
## : COM
## [1] NaN
## -----
## : FI193
## : COM
## [1] NaN
## -----
## : FI194
## : COM
## [1] NaN
## -----
## : FI195
## : COM
## [1] NaN
## -----
## : FI197
## : COM
## [1] NaN
## -----
## : FI1B
## : COM
## [1] NaN
## -----
## : FI1B1
## : COM
## [1] NaN
## -----
## : FI1C
## : COM
## [1] NaN
## -----
## : FI1C1
## : COM
## [1] NaN
## -----
## : FI1C2
## : COM
## [1] NaN
## -----
## : FI1C3
## : COM

```

```

## [1] NA
## -----
## : FI1C4
## : COM
## [1] NaN
## -----
## : FI1C5
## : COM
## [1] NaN
## -----
## : FI1D
## : COM
## [1] NaN
## -----
## : FI1D1
## : COM
## [1] NaN
## -----
## : FI1D2
## : COM
## [1] NaN
## -----
## : FI1D3
## : COM
## [1] NaN
## -----
## : FI1D5
## : COM
## [1] NaN
## -----
## : FI1D7
## : COM
## [1] NaN
## -----
## : FI1D8
## : COM
## [1] NaN
## -----
## : FI1D9
## : COM
## [1] NA
## -----
## : FI20
## : COM
## [1] NaN
## -----
## : FI200
## : COM
## [1] NaN
## -----
## : FR
## : COM
## [1] NA
## -----

```

```

## : FR1
## : COM
## [1] NA
## -----
## : FRC
## : COM
## [1] NA
## -----
## : FRD
## : COM
## [1] NA
## -----
## : FRE
## : COM
## [1] NA
## -----
## : FRF
## : COM
## [1] NA
## -----
## : FRG
## : COM
## [1] NA
## -----
## : FRH
## : COM
## [1] NA
## -----
## : FRJ
## : COM
## [1] NA
## -----
## : FRK
## : COM
## [1] NA
## -----
## : FRL
## : COM
## [1] NA
## -----
## : FRM
## : COM
## [1] NA
## -----
## : FRY1
## : COM
## [1] NA
## -----
## : FRY2
## : COM
## [1] NA
## -----
## : FRY3
## : COM

```

```

## [1] NA
## -----
## : FRY4
## : COM
## [1] NA
## -----
## : FRY5
## : COM
## [1] NA
## -----
## : HR
## : COM
## [1] NaN
## -----
## : HU
## : COM
## [1] NA
## -----
## : IE
## : COM
## [1] 0
## -----
## : IS
## : COM
## [1] 9360
## -----
## : IT
## : COM
## [1] NA
## -----
## : ITC1
## : COM
## [1] NA
## -----
## : ITF5
## : COM
## [1] NaN
## -----
## : ITG2
## : COM
## [1] NA
## -----
## : ITH1
## : COM
## [1] NaN
## -----
## : ITH2
## : COM
## [1] NA
## -----
## : ITH5
## : COM
## [1] NA
## -----

```

```

## : ITI1
## : COM
## [1] NA
## -----
## : ITI2
## : COM
## [1] NA
## -----
## : ITI3
## : COM
## [1] NA
## -----
## : ITI4
## : COM
## [1] NA
## -----
## : LI
## : COM
## [1] 0
## -----
## : LT
## : COM
## [1] NA
## -----
## : LT01
## : COM
## [1] 371
## -----
## : LT02
## : COM
## [1] NA
## -----
## : LU
## : COM
## [1] 0
## -----
## : LV
## : COM
## [1] 0
## -----
## : MT
## : COM
## [1] NaN
## -----
## : NL
## : COM
## [1] 0
## -----
## : NO
## : COM
## [1] NaN
## -----
## : PL
## : COM

```

```

## [1] NaN
## -----
## : PL21
## : COM
## [1] NaN
## -----
## : PL22
## : COM
## [1] NaN
## -----
## : PL41
## : COM
## [1] NaN
## -----
## : PL42
## : COM
## [1] NaN
## -----
## : PL43
## : COM
## [1] NaN
## -----
## : PL51
## : COM
## [1] NaN
## -----
## : PL52
## : COM
## [1] NaN
## -----
## : PL61
## : COM
## [1] NaN
## -----
## : PL62
## : COM
## [1] NaN
## -----
## : PL63
## : COM
## [1] NaN
## -----
## : PL71
## : COM
## [1] NaN
## -----
## : PL72
## : COM
## [1] NaN
## -----
## : PL81
## : COM
## [1] NaN
## -----

```



```

## : PL82
## : COM
## [1] NaN
## -----
## : PL84
## : COM
## [1] NaN
## -----
## : PL92X
## : COM
## [1] NaN
## -----
## : PT
## : COM
## [1] NaN
## -----
## : PTCSR02
## : COM
## [1] NA
## -----
## : PTCSR04
## : COM
## [1] NA
## -----
## : PTCSR07
## : COM
## [1] NA
## -----
## : RO
## : COM
## [1] NaN
## -----
## : SE
## : COM
## [1] NaN
## -----
## : SE11
## : COM
## [1] NA
## -----
## : SE21
## : COM
## [1] NA
## -----
## : SE23
## : COM
## [1] NA
## -----
## : SE32
## : COM
## [1] NA
## -----
## : SI
## : COM

```

```

## [1] NaN
## -----
## : SK
## : COM
## [1] 0
## -----
## : UNK
## : COM
## [1] NA
## -----
## : AT
## : COMBA.1
## [1] 0
## -----
## : BE
## : COMBA.1
## [1] NA
## -----
## : BG
## : COMBA.1
## [1] NA
## -----
## : CY
## : COMBA.1
## [1] NA
## -----
## : CZ
## : COMBA.1
## [1] NA
## -----
## : DK
## : COMBA.1
## [1] 0
## -----
## : EE
## : COMBA.1
## [1] NA
## -----
## : EL
## : COMBA.1
## [1] NaN
## -----
## : ES
## : COMBA.1
## [1] NA
## -----
## : FI
## : COMBA.1
## [1] NaN
## -----
## : FI19
## : COMBA.1
## [1] NaN
## -----

```

```

## : FI193
## : COMBA.1
## [1] NaN
## -----
## : FI194
## : COMBA.1
## [1] NaN
## -----
## : FI195
## : COMBA.1
## [1] NaN
## -----
## : FI197
## : COMBA.1
## [1] NaN
## -----
## : FI1B
## : COMBA.1
## [1] NaN
## -----
## : FI1B1
## : COMBA.1
## [1] NaN
## -----
## : FI1C
## : COMBA.1
## [1] NA
## -----
## : FI1C1
## : COMBA.1
## [1] NaN
## -----
## : FI1C2
## : COMBA.1
## [1] NaN
## -----
## : FI1C3
## : COMBA.1
## [1] NaN
## -----
## : FI1C4
## : COMBA.1
## [1] NaN
## -----
## : FI1C5
## : COMBA.1
## [1] NaN
## -----
## : FI1D
## : COMBA.1
## [1] NaN
## -----
## : FI1D1
## : COMBA.1

```

```

## [1] NA
## -----
## : FI1D2
## : COMBA.1
## [1] NA
## -----
## : FI1D3
## : COMBA.1
## [1] NaN
## -----
## : FI1D5
## : COMBA.1
## [1] NaN
## -----
## : FI1D7
## : COMBA.1
## [1] NaN
## -----
## : FI1D8
## : COMBA.1
## [1] NaN
## -----
## : FI1D9
## : COMBA.1
## [1] NaN
## -----
## : FI20
## : COMBA.1
## [1] NaN
## -----
## : FI200
## : COMBA.1
## [1] NaN
## -----
## : FR
## : COMBA.1
## [1] NA
## -----
## : FR1
## : COMBA.1
## [1] NA
## -----
## : FRC
## : COMBA.1
## [1] NA
## -----
## : FRD
## : COMBA.1
## [1] NA
## -----
## : FRE
## : COMBA.1
## [1] NA
## -----

```

```

## : FRF
## : COMBA.1
## [1] NA
## -----
## : FRG
## : COMBA.1
## [1] NA
## -----
## : FRH
## : COMBA.1
## [1] NA
## -----
## : FRJ
## : COMBA.1
## [1] NA
## -----
## : FRK
## : COMBA.1
## [1] NA
## -----
## : FRL
## : COMBA.1
## [1] NA
## -----
## : FRM
## : COMBA.1
## [1] NA
## -----
## : FRY1
## : COMBA.1
## [1] NA
## -----
## : FRY2
## : COMBA.1
## [1] NA
## -----
## : FRY3
## : COMBA.1
## [1] NA
## -----
## : FRY4
## : COMBA.1
## [1] NA
## -----
## : FRY5
## : COMBA.1
## [1] NA
## -----
## : HR
## : COMBA.1
## [1] NA
## -----
## : HU
## : COMBA.1

```

```

## [1] NA
## -----
## : IE
## : COMBA.1
## [1] NA
## -----
## : IS
## : COMBA.1
## [1] NA
## -----
## : IT
## : COMBA.1
## [1] NA
## -----
## : ITC1
## : COMBA.1
## [1] NA
## -----
## : ITF5
## : COMBA.1
## [1] NA
## -----
## : ITG2
## : COMBA.1
## [1] NA
## -----
## : ITH1
## : COMBA.1
## [1] NA
## -----
## : ITH2
## : COMBA.1
## [1] NA
## -----
## : ITH5
## : COMBA.1
## [1] NA
## -----
## : ITI1
## : COMBA.1
## [1] NA
## -----
## : ITI2
## : COMBA.1
## [1] NA
## -----
## : ITI3
## : COMBA.1
## [1] NA
## -----
## : ITI4
## : COMBA.1
## [1] NA
## -----

```

```

## : LI
## : COMBA.1
## [1] NA
## -----
## : LT
## : COMBA.1
## [1] NA
## -----
## : LT01
## : COMBA.1
## [1] NA
## -----
## : LT02
## : COMBA.1
## [1] NA
## -----
## : LU
## : COMBA.1
## [1] 0
## -----
## : LV
## : COMBA.1
## [1] NA
## -----
## : MT
## : COMBA.1
## [1] NA
## -----
## : NL
## : COMBA.1
## [1] NA
## -----
## : NO
## : COMBA.1
## [1] NA
## -----
## : PL
## : COMBA.1
## [1] NA
## -----
## : PL21
## : COMBA.1
## [1] NA
## -----
## : PL22
## : COMBA.1
## [1] NA
## -----
## : PL41
## : COMBA.1
## [1] NA
## -----
## : PL42
## : COMBA.1

```

```

## [1] NA
## -----
## : PL43
## : COMBA.1
## [1] NA
## -----
## : PL51
## : COMBA.1
## [1] NA
## -----
## : PL52
## : COMBA.1
## [1] NA
## -----
## : PL61
## : COMBA.1
## [1] NA
## -----
## : PL62
## : COMBA.1
## [1] NA
## -----
## : PL63
## : COMBA.1
## [1] NA
## -----
## : PL71
## : COMBA.1
## [1] NA
## -----
## : PL72
## : COMBA.1
## [1] NA
## -----
## : PL81
## : COMBA.1
## [1] NA
## -----
## : PL82
## : COMBA.1
## [1] NA
## -----
## : PL84
## : COMBA.1
## [1] NA
## -----
## : PL92X
## : COMBA.1
## [1] NA
## -----
## : PT
## : COMBA.1
## [1] NA
## -----

```



```

## : PTCSR02
## : COMBA.1
## [1] NA
## -----
## : PTCSR04
## : COMBA.1
## [1] NaN
## -----
## : PTCSR07
## : COMBA.1
## [1] NA
## -----
## : RO
## : COMBA.1
## [1] NA
## -----
## : SE
## : COMBA.1
## [1] NA
## -----
## : SE11
## : COMBA.1
## [1] NA
## -----
## : SE21
## : COMBA.1
## [1] NA
## -----
## : SE23
## : COMBA.1
## [1] NA
## -----
## : SE32
## : COMBA.1
## [1] NA
## -----
## : SI
## : COMBA.1
## [1] NA
## -----
## : SK
## : COMBA.1
## [1] NA
## -----
## : UNK
## : COMBA.1
## [1] NA
## -----
## : AT
## : COMBA.4-5
## [1] 0
## -----
## : BE
## : COMBA.4-5

```

```

## [1] NA
## -----
## : BG
## : COMBA.4-5
## [1] NA
## -----
## : CY
## : COMBA.4-5
## [1] NA
## -----
## : CZ
## : COMBA.4-5
## [1] NA
## -----
## : DK
## : COMBA.4-5
## [1] NA
## -----
## : EE
## : COMBA.4-5
## [1] NA
## -----
## : EL
## : COMBA.4-5
## [1] NaN
## -----
## : ES
## : COMBA.4-5
## [1] NA
## -----
## : FI
## : COMBA.4-5
## [1] NaN
## -----
## : FI19
## : COMBA.4-5
## [1] NaN
## -----
## : FI193
## : COMBA.4-5
## [1] NaN
## -----
## : FI194
## : COMBA.4-5
## [1] NaN
## -----
## : FI195
## : COMBA.4-5
## [1] NaN
## -----
## : FI197
## : COMBA.4-5
## [1] NaN
## -----

```

```

## : FI1B
## : COMBA.4-5
## [1] NaN
## -----
## : FI1B1
## : COMBA.4-5
## [1] NaN
## -----
## : FI1C
## : COMBA.4-5
## [1] NaN
## -----
## : FI1C1
## : COMBA.4-5
## [1] NaN
## -----
## : FI1C2
## : COMBA.4-5
## [1] NA
## -----
## : FI1C3
## : COMBA.4-5
## [1] NaN
## -----
## : FI1C4
## : COMBA.4-5
## [1] NaN
## -----
## : FI1C5
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D1
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D2
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D3
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D5
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D7
## : COMBA.4-5

```

```

## [1] NaN
## -----
## : FI1D8
## : COMBA.4-5
## [1] NaN
## -----
## : FI1D9
## : COMBA.4-5
## [1] NaN
## -----
## : FI20
## : COMBA.4-5
## [1] NA
## -----
## : FI200
## : COMBA.4-5
## [1] NaN
## -----
## : FR
## : COMBA.4-5
## [1] NA
## -----
## : FR1
## : COMBA.4-5
## [1] NA
## -----
## : FRC
## : COMBA.4-5
## [1] NA
## -----
## : FRD
## : COMBA.4-5
## [1] NA
## -----
## : FRE
## : COMBA.4-5
## [1] NA
## -----
## : FRF
## : COMBA.4-5
## [1] NA
## -----
## : FRG
## : COMBA.4-5
## [1] NA
## -----
## : FRH
## : COMBA.4-5
## [1] NA
## -----
## : FRJ
## : COMBA.4-5
## [1] NA
## -----

```

```

## : FRK
## : COMBA.4-5
## [1] NA
## -----
## : FRL
## : COMBA.4-5
## [1] NA
## -----
## : FRM
## : COMBA.4-5
## [1] NA
## -----
## : FRY1
## : COMBA.4-5
## [1] NA
## -----
## : FRY2
## : COMBA.4-5
## [1] NA
## -----
## : FRY3
## : COMBA.4-5
## [1] NA
## -----
## : FRY4
## : COMBA.4-5
## [1] NA
## -----
## : FRY5
## : COMBA.4-5
## [1] NA
## -----
## : HR
## : COMBA.4-5
## [1] NA
## -----
## : HU
## : COMBA.4-5
## [1] NA
## -----
## : IE
## : COMBA.4-5
## [1] NA
## -----
## : IS
## : COMBA.4-5
## [1] NA
## -----
## : IT
## : COMBA.4-5
## [1] NA
## -----
## : ITC1
## : COMBA.4-5

```

```

## [1] NA
## -----
## : ITF5
## : COMBA.4-5
## [1] NA
## -----
## : ITG2
## : COMBA.4-5
## [1] NA
## -----
## : ITH1
## : COMBA.4-5
## [1] NA
## -----
## : ITH2
## : COMBA.4-5
## [1] NA
## -----
## : ITH5
## : COMBA.4-5
## [1] NA
## -----
## : ITI1
## : COMBA.4-5
## [1] NA
## -----
## : ITI2
## : COMBA.4-5
## [1] NA
## -----
## : ITI3
## : COMBA.4-5
## [1] NA
## -----
## : ITI4
## : COMBA.4-5
## [1] NA
## -----
## : LI
## : COMBA.4-5
## [1] NA
## -----
## : LT
## : COMBA.4-5
## [1] NA
## -----
## : LT01
## : COMBA.4-5
## [1] NA
## -----
## : LT02
## : COMBA.4-5
## [1] NA
## -----

```

```

## : LU
## : COMBA.4-5
## [1] 0
## -----
## : LV
## : COMBA.4-5
## [1] NA
## -----
## : MT
## : COMBA.4-5
## [1] NA
## -----
## : NL
## : COMBA.4-5
## [1] NA
## -----
## : NO
## : COMBA.4-5
## [1] NA
## -----
## : PL
## : COMBA.4-5
## [1] NA
## -----
## : PL21
## : COMBA.4-5
## [1] NA
## -----
## : PL22
## : COMBA.4-5
## [1] NA
## -----
## : PL41
## : COMBA.4-5
## [1] NA
## -----
## : PL42
## : COMBA.4-5
## [1] NA
## -----
## : PL43
## : COMBA.4-5
## [1] NA
## -----
## : PL51
## : COMBA.4-5
## [1] NA
## -----
## : PL52
## : COMBA.4-5
## [1] NA
## -----
## : PL61
## : COMBA.4-5

```

```

## [1] NA
## -----
## : PL62
## : COMBA.4-5
## [1] NA
## -----
## : PL63
## : COMBA.4-5
## [1] NA
## -----
## : PL71
## : COMBA.4-5
## [1] NA
## -----
## : PL72
## : COMBA.4-5
## [1] NA
## -----
## : PL81
## : COMBA.4-5
## [1] NA
## -----
## : PL82
## : COMBA.4-5
## [1] NA
## -----
## : PL84
## : COMBA.4-5
## [1] NA
## -----
## : PL92X
## : COMBA.4-5
## [1] NA
## -----
## : PT
## : COMBA.4-5
## [1] NA
## -----
## : PTCSR02
## : COMBA.4-5
## [1] NA
## -----
## : PTCSR04
## : COMBA.4-5
## [1] NA
## -----
## : PTCSR07
## : COMBA.4-5
## [1] NaN
## -----
## : R0
## : COMBA.4-5
## [1] NA
## -----

```



```

## : SE
## : COMBA.4-5
## [1] NA
## -----
## : SE11
## : COMBA.4-5
## [1] NA
## -----
## : SE21
## : COMBA.4-5
## [1] NA
## -----
## : SE23
## : COMBA.4-5
## [1] NA
## -----
## : SE32
## : COMBA.4-5
## [1] NA
## -----
## : SI
## : COMBA.4-5
## [1] NA
## -----
## : SK
## : COMBA.4-5
## [1] NA
## -----
## : UNK
## : COMBA.4-5
## [1] NA
## -----
## : AT
## : JANSS
## [1] NA
## -----
## : BE
## : JANSS
## [1] NaN
## -----
## : BG
## : JANSS
## [1] NaN
## -----
## : CY
## : JANSS
## [1] 0
## -----
## : CZ
## : JANSS
## [1] NaN
## -----
## : DK
## : JANSS

```

```

## [1] 0
## -----
## : EE
## : JANSS
## [1] 0
## -----
## : EL
## : JANSS
## [1] NaN
## -----
## : ES
## : JANSS
## [1] NaN
## -----
## : FI
## : JANSS
## [1] NaN
## -----
## : FI19
## : JANSS
## [1] NaN
## -----
## : FI193
## : JANSS
## [1] NaN
## -----
## : FI194
## : JANSS
## [1] NaN
## -----
## : FI195
## : JANSS
## [1] NA
## -----
## : FI197
## : JANSS
## [1] NaN
## -----
## : FI1B
## : JANSS
## [1] NaN
## -----
## : FI1B1
## : JANSS
## [1] NaN
## -----
## : FI1C
## : JANSS
## [1] NaN
## -----
## : FI1C1
## : JANSS
## [1] NaN
## -----

```

```

## : FI1C2
## : JANSS
## [1] NaN
## -----
## : FI1C3
## : JANSS
## [1] NaN
## -----
## : FI1C4
## : JANSS
## [1] NaN
## -----
## : FI1C5
## : JANSS
## [1] NA
## -----
## : FI1D
## : JANSS
## [1] NaN
## -----
## : FI1D1
## : JANSS
## [1] NaN
## -----
## : FI1D2
## : JANSS
## [1] NaN
## -----
## : FI1D3
## : JANSS
## [1] NaN
## -----
## : FI1D5
## : JANSS
## [1] NaN
## -----
## : FI1D7
## : JANSS
## [1] NA
## -----
## : FI1D8
## : JANSS
## [1] NaN
## -----
## : FI1D9
## : JANSS
## [1] NaN
## -----
## : FI20
## : JANSS
## [1] NaN
## -----
## : FI200
## : JANSS

```

```

## [1] NA
## -----
## : FR
## : JANSS
## [1] NA
## -----
## : FR1
## : JANSS
## [1] NA
## -----
## : FRC
## : JANSS
## [1] NA
## -----
## : FRD
## : JANSS
## [1] NA
## -----
## : FRE
## : JANSS
## [1] NA
## -----
## : FRF
## : JANSS
## [1] NA
## -----
## : FRG
## : JANSS
## [1] NA
## -----
## : FRH
## : JANSS
## [1] NA
## -----
## : FRJ
## : JANSS
## [1] NA
## -----
## : FRK
## : JANSS
## [1] NA
## -----
## : FRL
## : JANSS
## [1] NA
## -----
## : FRM
## : JANSS
## [1] NA
## -----
## : FRY1
## : JANSS
## [1] NA
## -----

```

```

## : FRY2
## : JANSS
## [1] NA
## -----
## : FRY3
## : JANSS
## [1] NA
## -----
## : FRY4
## : JANSS
## [1] NA
## -----
## : FRY5
## : JANSS
## [1] NA
## -----
## : HR
## : JANSS
## [1] NaN
## -----
## : HU
## : JANSS
## [1] NaN
## -----
## : IE
## : JANSS
## [1] 0
## -----
## : IS
## : JANSS
## [1] NaN
## -----
## : IT
## : JANSS
## [1] NA
## -----
## : ITC1
## : JANSS
## [1] NA
## -----
## : ITF5
## : JANSS
## [1] NA
## -----
## : ITG2
## : JANSS
## [1] NA
## -----
## : ITH1
## : JANSS
## [1] NA
## -----
## : ITH2
## : JANSS

```

```

## [1] NA
## -----
## : ITH5
## : JANSS
## [1] NA
## -----
## : ITI1
## : JANSS
## [1] NaN
## -----
## : ITI2
## : JANSS
## [1] NaN
## -----
## : ITI3
## : JANSS
## [1] NA
## -----
## : ITI4
## : JANSS
## [1] NA
## -----
## : LI
## : JANSS
## [1] NA
## -----
## : LT
## : JANSS
## [1] NA
## -----
## : LT01
## : JANSS
## [1] NA
## -----
## : LT02
## : JANSS
## [1] 0
## -----
## : LU
## : JANSS
## [1] 0
## -----
## : LV
## : JANSS
## [1] 0
## -----
## : MT
## : JANSS
## [1] NaN
## -----
## : NL
## : JANSS
## [1] 0
## -----

```

```

## : NO
## : JANSS
## [1] NA
## -----
## : PL
## : JANSS
## [1] 298500
## -----
## : PL21
## : JANSS
## [1] NaN
## -----
## : PL22
## : JANSS
## [1] NaN
## -----
## : PL41
## : JANSS
## [1] NaN
## -----
## : PL42
## : JANSS
## [1] NaN
## -----
## : PL43
## : JANSS
## [1] NaN
## -----
## : PL51
## : JANSS
## [1] NaN
## -----
## : PL52
## : JANSS
## [1] NaN
## -----
## : PL61
## : JANSS
## [1] NaN
## -----
## : PL62
## : JANSS
## [1] NaN
## -----
## : PL63
## : JANSS
## [1] NaN
## -----
## : PL71
## : JANSS
## [1] NaN
## -----
## : PL72
## : JANSS

```

```

## [1] NaN
## -----
## : PL81
## : JANSS
## [1] NaN
## -----
## : PL82
## : JANSS
## [1] NaN
## -----
## : PL84
## : JANSS
## [1] NaN
## -----
## : PL92X
## : JANSS
## [1] NaN
## -----
## : PT
## : JANSS
## [1] NaN
## -----
## : PTCSR02
## : JANSS
## [1] NA
## -----
## : PTCSR04
## : JANSS
## [1] NA
## -----
## : PTCSR07
## : JANSS
## [1] NA
## -----
## : RO
## : JANSS
## [1] NaN
## -----
## : SE
## : JANSS
## [1] NA
## -----
## : SE11
## : JANSS
## [1] NA
## -----
## : SE21
## : JANSS
## [1] NA
## -----
## : SE23
## : JANSS
## [1] NA
## -----

```



```

## : SE32
## : JANSS
## [1] NA
## -----
## : SI
## : JANSS
## [1] 0
## -----
## : SK
## : JANSS
## [1] 0
## -----
## : UNK
## : JANSS
## [1] NA
## -----
## : AT
## : MOD
## [1] 0
## -----
## : BE
## : MOD
## [1] NaN
## -----
## : BG
## : MOD
## [1] NaN
## -----
## : CY
## : MOD
## [1] 0
## -----
## : CZ
## : MOD
## [1] NA
## -----
## : DK
## : MOD
## [1] 0
## -----
## : EE
## : MOD
## [1] 0
## -----
## : EL
## : MOD
## [1] NaN
## -----
## : ES
## : MOD
## [1] NaN
## -----
## : FI
## : MOD

```

```

## [1] NaN
## -----
## : FI19
## : MOD
## [1] NA
## -----
## : FI193
## : MOD
## [1] NaN
## -----
## : FI194
## : MOD
## [1] NaN
## -----
## : FI195
## : MOD
## [1] NaN
## -----
## : FI197
## : MOD
## [1] NaN
## -----
## : FI1B
## : MOD
## [1] NaN
## -----
## : FI1B1
## : MOD
## [1] NaN
## -----
## : FI1C
## : MOD
## [1] NaN
## -----
## : FI1C1
## : MOD
## [1] NaN
## -----
## : FI1C2
## : MOD
## [1] NaN
## -----
## : FI1C3
## : MOD
## [1] NaN
## -----
## : FI1C4
## : MOD
## [1] NaN
## -----
## : FI1C5
## : MOD
## [1] NaN
## -----

```

```

## : FI1D
## : MOD
## [1] NaN
## -----
## : FI1D1
## : MOD
## [1] NaN
## -----
## : FI1D2
## : MOD
## [1] NaN
## -----
## : FI1D3
## : MOD
## [1] NaN
## -----
## : FI1D5
## : MOD
## [1] NaN
## -----
## : FI1D7
## : MOD
## [1] NaN
## -----
## : FI1D8
## : MOD
## [1] NaN
## -----
## : FI1D9
## : MOD
## [1] NaN
## -----
## : FI20
## : MOD
## [1] NaN
## -----
## : FI200
## : MOD
## [1] NaN
## -----
## : FR
## : MOD
## [1] NA
## -----
## : FR1
## : MOD
## [1] NA
## -----
## : FRC
## : MOD
## [1] NA
## -----
## : FRD
## : MOD

```

```

## [1] NA
## -----
## : FRE
## : MOD
## [1] NA
## -----
## : FRF
## : MOD
## [1] NA
## -----
## : FRG
## : MOD
## [1] NA
## -----
## : FRH
## : MOD
## [1] NA
## -----
## : FRJ
## : MOD
## [1] NA
## -----
## : FRK
## : MOD
## [1] NA
## -----
## : FRL
## : MOD
## [1] NA
## -----
## : FRM
## : MOD
## [1] NA
## -----
## : FRY1
## : MOD
## [1] NA
## -----
## : FRY2
## : MOD
## [1] NA
## -----
## : FRY3
## : MOD
## [1] NA
## -----
## : FRY4
## : MOD
## [1] NA
## -----
## : FRY5
## : MOD
## [1] NA
## -----

```

```

## : HR
## : MOD
## [1] NaN
## -----
## : HU
## : MOD
## [1] NaN
## -----
## : IE
## : MOD
## [1] 0
## -----
## : IS
## : MOD
## [1] 5810
## -----
## : IT
## : MOD
## [1] NaN
## -----
## : ITC1
## : MOD
## [1] NA
## -----
## : ITF5
## : MOD
## [1] NA
## -----
## : ITG2
## : MOD
## [1] NaN
## -----
## : ITH1
## : MOD
## [1] NA
## -----
## : ITH2
## : MOD
## [1] NaN
## -----
## : ITH5
## : MOD
## [1] NA
## -----
## : ITI1
## : MOD
## [1] NA
## -----
## : ITI2
## : MOD
## [1] NA
## -----
## : ITI3
## : MOD

```

```

## [1] NA
## -----
## : ITI4
## : MOD
## [1] NA
## -----
## : LI
## : MOD
## [1] 0
## -----
## : LT
## : MOD
## [1] 0
## -----
## : LT01
## : MOD
## [1] NA
## -----
## : LT02
## : MOD
## [1] 0
## -----
## : LU
## : MOD
## [1] 0
## -----
## : LV
## : MOD
## [1] 0
## -----
## : MT
## : MOD
## [1] NaN
## -----
## : NL
## : MOD
## [1] 0
## -----
## : NO
## : MOD
## [1] NaN
## -----
## : PL
## : MOD
## [1] NaN
## -----
## : PL21
## : MOD
## [1] NA
## -----
## : PL22
## : MOD
## [1] NaN
## -----

```

```

## : PL41
## : MOD
## [1] NaN
## -----
## : PL42
## : MOD
## [1] NaN
## -----
## : PL43
## : MOD
## [1] NaN
## -----
## : PL51
## : MOD
## [1] NA
## -----
## : PL52
## : MOD
## [1] NaN
## -----
## : PL61
## : MOD
## [1] NaN
## -----
## : PL62
## : MOD
## [1] NaN
## -----
## : PL63
## : MOD
## [1] NaN
## -----
## : PL71
## : MOD
## [1] NaN
## -----
## : PL72
## : MOD
## [1] NaN
## -----
## : PL81
## : MOD
## [1] NaN
## -----
## : PL82
## : MOD
## [1] NaN
## -----
## : PL84
## : MOD
## [1] NaN
## -----
## : PL92X
## : MOD

```

```

## [1] NaN
## -----
## : PT
## : MOD
## [1] NaN
## -----
## : PTCSR02
## : MOD
## [1] NaN
## -----
## : PTCSR04
## : MOD
## [1] NaN
## -----
## : PTCSR07
## : MOD
## [1] NA
## -----
## : RO
## : MOD
## [1] NA
## -----
## : SE
## : MOD
## [1] NaN
## -----
## : SE11
## : MOD
## [1] NaN
## -----
## : SE21
## : MOD
## [1] NA
## -----
## : SE23
## : MOD
## [1] NA
## -----
## : SE32
## : MOD
## [1] NA
## -----
## : SI
## : MOD
## [1] NaN
## -----
## : SK
## : MOD
## [1] 0
## -----
## : UNK
## : MOD
## [1] NA
## -----

```



```

## : AT
## : MODBA.1
## [1] 0
## -----
## : BE
## : MODBA.1
## [1] NA
## -----
## : BG
## : MODBA.1
## [1] NA
## -----
## : CY
## : MODBA.1
## [1] NA
## -----
## : CZ
## : MODBA.1
## [1] NA
## -----
## : DK
## : MODBA.1
## [1] NA
## -----
## : EE
## : MODBA.1
## [1] NA
## -----
## : EL
## : MODBA.1
## [1] NA
## -----
## : ES
## : MODBA.1
## [1] NA
## -----
## : FI
## : MODBA.1
## [1] NA
## -----
## : FI19
## : MODBA.1
## [1] NA
## -----
## : FI193
## : MODBA.1
## [1] NA
## -----
## : FI194
## : MODBA.1
## [1] NA
## -----
## : FI195
## : MODBA.1

```

```

## [1] NA
## -----
## : FI197
## : MODBA.1
## [1] NA
## -----
## : FI1B
## : MODBA.1
## [1] NA
## -----
## : FI1B1
## : MODBA.1
## [1] NA
## -----
## : FI1C
## : MODBA.1
## [1] NA
## -----
## : FI1C1
## : MODBA.1
## [1] NA
## -----
## : FI1C2
## : MODBA.1
## [1] NA
## -----
## : FI1C3
## : MODBA.1
## [1] NA
## -----
## : FI1C4
## : MODBA.1
## [1] NA
## -----
## : FI1C5
## : MODBA.1
## [1] NA
## -----
## : FI1D
## : MODBA.1
## [1] NA
## -----
## : FI1D1
## : MODBA.1
## [1] NA
## -----
## : FI1D2
## : MODBA.1
## [1] NA
## -----
## : FI1D3
## : MODBA.1
## [1] NA
## -----

```

```

## : FI1D5
## : MODBA.1
## [1] NA
## -----
## : FI1D7
## : MODBA.1
## [1] NA
## -----
## : FI1D8
## : MODBA.1
## [1] NA
## -----
## : FI1D9
## : MODBA.1
## [1] NA
## -----
## : FI20
## : MODBA.1
## [1] NA
## -----
## : FI200
## : MODBA.1
## [1] NA
## -----
## : FR
## : MODBA.1
## [1] NA
## -----
## : FR1
## : MODBA.1
## [1] NA
## -----
## : FRC
## : MODBA.1
## [1] NA
## -----
## : FRD
## : MODBA.1
## [1] NA
## -----
## : FRE
## : MODBA.1
## [1] NA
## -----
## : FRF
## : MODBA.1
## [1] NA
## -----
## : FRG
## : MODBA.1
## [1] NA
## -----
## : FRH
## : MODBA.1

```

```

## [1] NA
## -----
## : FRJ
## : MODBA.1
## [1] NA
## -----
## : FRK
## : MODBA.1
## [1] NA
## -----
## : FRL
## : MODBA.1
## [1] NA
## -----
## : FRM
## : MODBA.1
## [1] NA
## -----
## : FRY1
## : MODBA.1
## [1] NA
## -----
## : FRY2
## : MODBA.1
## [1] NA
## -----
## : FRY3
## : MODBA.1
## [1] NA
## -----
## : FRY4
## : MODBA.1
## [1] NA
## -----
## : FRY5
## : MODBA.1
## [1] NA
## -----
## : HR
## : MODBA.1
## [1] NA
## -----
## : HU
## : MODBA.1
## [1] NA
## -----
## : IE
## : MODBA.1
## [1] NA
## -----
## : IS
## : MODBA.1
## [1] NA
## -----

```

```

## : IT
## : MODBA.1
## [1] NA
## -----
## : ITC1
## : MODBA.1
## [1] NaN
## -----
## : ITF5
## : MODBA.1
## [1] NA
## -----
## : ITG2
## : MODBA.1
## [1] NA
## -----
## : ITH1
## : MODBA.1
## [1] NA
## -----
## : ITH2
## : MODBA.1
## [1] NA
## -----
## : ITH5
## : MODBA.1
## [1] NA
## -----
## : ITI1
## : MODBA.1
## [1] NA
## -----
## : ITI2
## : MODBA.1
## [1] NA
## -----
## : ITI3
## : MODBA.1
## [1] NA
## -----
## : ITI4
## : MODBA.1
## [1] NA
## -----
## : LI
## : MODBA.1
## [1] NA
## -----
## : LT
## : MODBA.1
## [1] NA
## -----
## : LT01
## : MODBA.1

```

```

## [1] NA
## -----
## : LT02
## : MODBA.1
## [1] NA
## -----
## : LU
## : MODBA.1
## [1] NA
## -----
## : LV
## : MODBA.1
## [1] NA
## -----
## : MT
## : MODBA.1
## [1] NA
## -----
## : NL
## : MODBA.1
## [1] NA
## -----
## : NO
## : MODBA.1
## [1] NA
## -----
## : PL
## : MODBA.1
## [1] NA
## -----
## : PL21
## : MODBA.1
## [1] NA
## -----
## : PL22
## : MODBA.1
## [1] NA
## -----
## : PL41
## : MODBA.1
## [1] NA
## -----
## : PL42
## : MODBA.1
## [1] NA
## -----
## : PL43
## : MODBA.1
## [1] NA
## -----
## : PL51
## : MODBA.1
## [1] NA
## -----

```

```

## : PL52
## : MODBA.1
## [1] NA
## -----
## : PL61
## : MODBA.1
## [1] NA
## -----
## : PL62
## : MODBA.1
## [1] NA
## -----
## : PL63
## : MODBA.1
## [1] NA
## -----
## : PL71
## : MODBA.1
## [1] NA
## -----
## : PL72
## : MODBA.1
## [1] NA
## -----
## : PL81
## : MODBA.1
## [1] NA
## -----
## : PL82
## : MODBA.1
## [1] NA
## -----
## : PL84
## : MODBA.1
## [1] NA
## -----
## : PL92X
## : MODBA.1
## [1] NA
## -----
## : PT
## : MODBA.1
## [1] NA
## -----
## : PTCSR02
## : MODBA.1
## [1] NA
## -----
## : PTCSR04
## : MODBA.1
## [1] NA
## -----
## : PTCSR07
## : MODBA.1

```

```

## [1] NA
## -----
## : RO
## : MODBA.1
## [1] NA
## -----
## : SE
## : MODBA.1
## [1] NA
## -----
## : SE11
## : MODBA.1
## [1] NA
## -----
## : SE21
## : MODBA.1
## [1] NA
## -----
## : SE23
## : MODBA.1
## [1] NA
## -----
## : SE32
## : MODBA.1
## [1] NA
## -----
## : SI
## : MODBA.1
## [1] NA
## -----
## : SK
## : MODBA.1
## [1] NA
## -----
## : UNK
## : MODBA.1
## [1] NA
## -----
## : AT
## : NVXD
## [1] 0
## -----
## : BE
## : NVXD
## [1] NaN
## -----
## : BG
## : NVXD
## [1] NA
## -----
## : CY
## : NVXD
## [1] NA
## -----

```



```

## : CZ
## : NVXD
## [1] NaN
## -----
## : DK
## : NVXD
## [1] NA
## -----
## : EE
## : NVXD
## [1] 0
## -----
## : EL
## : NVXD
## [1] NaN
## -----
## : ES
## : NVXD
## [1] NA
## -----
## : FI
## : NVXD
## [1] NaN
## -----
## : FI19
## : NVXD
## [1] NA
## -----
## : FI193
## : NVXD
## [1] NaN
## -----
## : FI194
## : NVXD
## [1] NA
## -----
## : FI195
## : NVXD
## [1] NaN
## -----
## : FI197
## : NVXD
## [1] NaN
## -----
## : FI1B
## : NVXD
## [1] NaN
## -----
## : FI1B1
## : NVXD
## [1] NaN
## -----
## : FI1C
## : NVXD

```

```

## [1] NaN
## -----
## : FI1C1
## : NVXD
## [1] NaN
## -----
## : FI1C2
## : NVXD
## [1] NA
## -----
## : FI1C3
## : NVXD
## [1] NaN
## -----
## : FI1C4
## : NVXD
## [1] NaN
## -----
## : FI1C5
## : NVXD
## [1] NaN
## -----
## : FI1D
## : NVXD
## [1] NaN
## -----
## : FI1D1
## : NVXD
## [1] NaN
## -----
## : FI1D2
## : NVXD
## [1] NaN
## -----
## : FI1D3
## : NVXD
## [1] NaN
## -----
## : FI1D5
## : NVXD
## [1] NaN
## -----
## : FI1D7
## : NVXD
## [1] NaN
## -----
## : FI1D8
## : NVXD
## [1] NaN
## -----
## : FI1D9
## : NVXD
## [1] NaN
## -----

```

```

## : FI20
## : NVXD
## [1] NaN
## -----
## : FI200
## : NVXD
## [1] NaN
## -----
## : FR
## : NVXD
## [1] 0
## -----
## : FR1
## : NVXD
## [1] NA
## -----
## : FRC
## : NVXD
## [1] NA
## -----
## : FRD
## : NVXD
## [1] NA
## -----
## : FRE
## : NVXD
## [1] NA
## -----
## : FRF
## : NVXD
## [1] NA
## -----
## : FRG
## : NVXD
## [1] NA
## -----
## : FRH
## : NVXD
## [1] NA
## -----
## : FRJ
## : NVXD
## [1] NA
## -----
## : FRK
## : NVXD
## [1] NA
## -----
## : FRL
## : NVXD
## [1] NA
## -----
## : FRM
## : NVXD

```

```

## [1] NA
## -----
## : FRY1
## : NVXD
## [1] NA
## -----
## : FRY2
## : NVXD
## [1] NA
## -----
## : FRY3
## : NVXD
## [1] NA
## -----
## : FRY4
## : NVXD
## [1] NA
## -----
## : FRY5
## : NVXD
## [1] NA
## -----
## : HR
## : NVXD
## [1] NaN
## -----
## : HU
## : NVXD
## [1] NA
## -----
## : IE
## : NVXD
## [1] NA
## -----
## : IS
## : NVXD
## [1] NA
## -----
## : IT
## : NVXD
## [1] NA
## -----
## : ITC1
## : NVXD
## [1] NA
## -----
## : ITF5
## : NVXD
## [1] NA
## -----
## : ITG2
## : NVXD
## [1] NA
## -----

```

```

## : ITH1
## : NVXD
## [1] NA
## -----
## : ITH2
## : NVXD
## [1] NA
## -----
## : ITH5
## : NVXD
## [1] NA
## -----
## : ITI1
## : NVXD
## [1] NA
## -----
## : ITI2
## : NVXD
## [1] NA
## -----
## : ITI3
## : NVXD
## [1] NaN
## -----
## : ITI4
## : NVXD
## [1] NA
## -----
## : LI
## : NVXD
## [1] NA
## -----
## : LT
## : NVXD
## [1] NA
## -----
## : LT01
## : NVXD
## [1] NA
## -----
## : LT02
## : NVXD
## [1] NA
## -----
## : LU
## : NVXD
## [1] NA
## -----
## : LV
## : NVXD
## [1] 0
## -----
## : MT
## : NVXD

```

```

## [1] NA
## -----
## : NL
## : NVXD
## [1] 0
## -----
## : NO
## : NVXD
## [1] NA
## -----
## : PL
## : NVXD
## [1] NaN
## -----
## : PL21
## : NVXD
## [1] NaN
## -----
## : PL22
## : NVXD
## [1] NaN
## -----
## : PL41
## : NVXD
## [1] NaN
## -----
## : PL42
## : NVXD
## [1] NaN
## -----
## : PL43
## : NVXD
## [1] NaN
## -----
## : PL51
## : NVXD
## [1] NaN
## -----
## : PL52
## : NVXD
## [1] NaN
## -----
## : PL61
## : NVXD
## [1] NaN
## -----
## : PL62
## : NVXD
## [1] NA
## -----
## : PL63
## : NVXD
## [1] NaN
## -----

```

```

## : PL71
## : NVXD
## [1] NA
## -----
## : PL72
## : NVXD
## [1] NaN
## -----
## : PL81
## : NVXD
## [1] NaN
## -----
## : PL82
## : NVXD
## [1] NaN
## -----
## : PL84
## : NVXD
## [1] NaN
## -----
## : PL92X
## : NVXD
## [1] NaN
## -----
## : PT
## : NVXD
## [1] NA
## -----
## : PTCSR02
## : NVXD
## [1] NA
## -----
## : PTCSR04
## : NVXD
## [1] NA
## -----
## : PTCSR07
## : NVXD
## [1] NA
## -----
## : R0
## : NVXD
## [1] NA
## -----
## : SE
## : NVXD
## [1] NaN
## -----
## : SE11
## : NVXD
## [1] NA
## -----
## : SE21
## : NVXD

```

```

## [1] NaN
## -----
## : SE23
## : NVXD
## [1] NaN
## -----
## : SE32
## : NVXD
## [1] NaN
## -----
## : SI
## : NVXD
## [1] NA
## -----
## : SK
## : NVXD
## [1] NA
## -----
## : UNK
## : NVXD
## [1] NA
## -----
## : AT
## : UNK
## [1] 0
## -----
## : BE
## : UNK
## [1] NA
## -----
## : BG
## : UNK
## [1] NA
## -----
## : CY
## : UNK
## [1] NA
## -----
## : CZ
## : UNK
## [1] NA
## -----
## : DK
## : UNK
## [1] NA
## -----
## : EE
## : UNK
## [1] NA
## -----
## : EL
## : UNK
## [1] NA
## -----

```



```

## : ES
## : UNK
## [1] NA
## -----
## : FI
## : UNK
## [1] NaN
## -----
## : FI19
## : UNK
## [1] NaN
## -----
## : FI193
## : UNK
## [1] NaN
## -----
## : FI194
## : UNK
## [1] NaN
## -----
## : FI195
## : UNK
## [1] NaN
## -----
## : FI197
## : UNK
## [1] NaN
## -----
## : FI1B
## : UNK
## [1] NaN
## -----
## : FI1B1
## : UNK
## [1] NaN
## -----
## : FI1C
## : UNK
## [1] NaN
## -----
## : FI1C1
## : UNK
## [1] NaN
## -----
## : FI1C2
## : UNK
## [1] NaN
## -----
## : FI1C3
## : UNK
## [1] NaN
## -----
## : FI1C4
## : UNK

```

```

## [1] NaN
## -----
## : FI1C5
## : UNK
## [1] NaN
## -----
## : FI1D
## : UNK
## [1] NaN
## -----
## : FI1D1
## : UNK
## [1] NaN
## -----
## : FI1D2
## : UNK
## [1] NaN
## -----
## : FI1D3
## : UNK
## [1] NaN
## -----
## : FI1D5
## : UNK
## [1] NaN
## -----
## : FI1D7
## : UNK
## [1] NaN
## -----
## : FI1D8
## : UNK
## [1] NaN
## -----
## : FI1D9
## : UNK
## [1] NaN
## -----
## : FI20
## : UNK
## [1] NaN
## -----
## : FI200
## : UNK
## [1] NaN
## -----
## : FR
## : UNK
## [1] NaN
## -----
## : FR1
## : UNK
## [1] NaN
## -----

```

```

## : FRC
## : UNK
## [1] NaN
## -----
## : FRD
## : UNK
## [1] NaN
## -----
## : FRE
## : UNK
## [1] NaN
## -----
## : FRF
## : UNK
## [1] NaN
## -----
## : FRG
## : UNK
## [1] NaN
## -----
## : FRH
## : UNK
## [1] NaN
## -----
## : FRJ
## : UNK
## [1] NaN
## -----
## : FRK
## : UNK
## [1] NaN
## -----
## : FRL
## : UNK
## [1] NaN
## -----
## : FRM
## : UNK
## [1] NaN
## -----
## : FRY1
## : UNK
## [1] NaN
## -----
## : FRY2
## : UNK
## [1] NaN
## -----
## : FRY3
## : UNK
## [1] NaN
## -----
## : FRY4
## : UNK

```

```

## [1] NaN
## -----
## : FRY5
## : UNK
## [1] NaN
## -----
## : HR
## : UNK
## [1] NaN
## -----
## : HU
## : UNK
## [1] NA
## -----
## : IE
## : UNK
## [1] NA
## -----
## : IS
## : UNK
## [1] NA
## -----
## : IT
## : UNK
## [1] NA
## -----
## : ITC1
## : UNK
## [1] NA
## -----
## : ITF5
## : UNK
## [1] NA
## -----
## : ITG2
## : UNK
## [1] NA
## -----
## : ITH1
## : UNK
## [1] NA
## -----
## : ITH2
## : UNK
## [1] NA
## -----
## : ITH5
## : UNK
## [1] NA
## -----
## : ITI1
## : UNK
## [1] NA
## -----

```

```

## : ITI2
## : UNK
## [1] NA
## -----
## : ITI3
## : UNK
## [1] NA
## -----
## : ITI4
## : UNK
## [1] NA
## -----
## : LI
## : UNK
## [1] NA
## -----
## : LT
## : UNK
## [1] 0
## -----
## : LT01
## : UNK
## [1] NA
## -----
## : LT02
## : UNK
## [1] NA
## -----
## : LU
## : UNK
## [1] NA
## -----
## : LV
## : UNK
## [1] NA
## -----
## : MT
## : UNK
## [1] NA
## -----
## : NL
## : UNK
## [1] 0
## -----
## : NO
## : UNK
## [1] NA
## -----
## : PL
## : UNK
## [1] NA
## -----
## : PL21
## : UNK

```

```

## [1] NA
## -----
## : PL22
## : UNK
## [1] NA
## -----
## : PL41
## : UNK
## [1] NA
## -----
## : PL42
## : UNK
## [1] NA
## -----
## : PL43
## : UNK
## [1] NA
## -----
## : PL51
## : UNK
## [1] NA
## -----
## : PL52
## : UNK
## [1] NA
## -----
## : PL61
## : UNK
## [1] NA
## -----
## : PL62
## : UNK
## [1] NA
## -----
## : PL63
## : UNK
## [1] NA
## -----
## : PL71
## : UNK
## [1] NA
## -----
## : PL72
## : UNK
## [1] NA
## -----
## : PL81
## : UNK
## [1] NA
## -----
## : PL82
## : UNK
## [1] NA
## -----

```

```

## : PL84
## : UNK
## [1] NA
## -----
## : PL92X
## : UNK
## [1] NA
## -----
## : PT
## : UNK
## [1] NA
## -----
## : PTCSR02
## : UNK
## [1] NA
## -----
## : PTCSR04
## : UNK
## [1] NA
## -----
## : PTCSR07
## : UNK
## [1] NA
## -----
## : RO
## : UNK
## [1] NA
## -----
## : SE
## : UNK
## [1] NA
## -----
## : SE11
## : UNK
## [1] NA
## -----
## : SE21
## : UNK
## [1] NA
## -----
## : SE23
## : UNK
## [1] NA
## -----
## : SE32
## : UNK
## [1] NA
## -----
## : SI
## : UNK
## [1] NA
## -----
## : SK
## : UNK

```

```

## [1] NA
## -----
## : UNK
## : UNK
## [1] NaN
## -----
## : AT
## : VLA
## [1] 0
## -----
## : BE
## : VLA
## [1] NA
## -----
## : BG
## : VLA
## [1] NA
## -----
## : CY
## : VLA
## [1] NA
## -----
## : CZ
## : VLA
## [1] NA
## -----
## : DK
## : VLA
## [1] NA
## -----
## : EE
## : VLA
## [1] NA
## -----
## : EL
## : VLA
## [1] NA
## -----
## : ES
## : VLA
## [1] NA
## -----
## : FI
## : VLA
## [1] NaN
## -----
## : FI19
## : VLA
## [1] NaN
## -----
## : FI193
## : VLA
## [1] NaN
## -----

```



```

## : FI194
## : VLA
## [1] NaN
## -----
## : FI195
## : VLA
## [1] NaN
## -----
## : FI197
## : VLA
## [1] NA
## -----
## : FI1B
## : VLA
## [1] NaN
## -----
## : FI1B1
## : VLA
## [1] NaN
## -----
## : FI1C
## : VLA
## [1] NaN
## -----
## : FI1C1
## : VLA
## [1] NaN
## -----
## : FI1C2
## : VLA
## [1] NaN
## -----
## : FI1C3
## : VLA
## [1] NaN
## -----
## : FI1C4
## : VLA
## [1] NaN
## -----
## : FI1C5
## : VLA
## [1] NaN
## -----
## : FI1D
## : VLA
## [1] NaN
## -----
## : FI1D1
## : VLA
## [1] NaN
## -----
## : FI1D2
## : VLA

```

```

## [1] NaN
## -----
## : FI1D3
## : VLA
## [1] NaN
## -----
## : FI1D5
## : VLA
## [1] NA
## -----
## : FI1D7
## : VLA
## [1] NaN
## -----
## : FI1D8
## : VLA
## [1] NaN
## -----
## : FI1D9
## : VLA
## [1] NaN
## -----
## : FI20
## : VLA
## [1] NaN
## -----
## : FI200
## : VLA
## [1] NaN
## -----
## : FR
## : VLA
## [1] NA
## -----
## : FR1
## : VLA
## [1] NA
## -----
## : FRC
## : VLA
## [1] NA
## -----
## : FRD
## : VLA
## [1] NA
## -----
## : FRE
## : VLA
## [1] NA
## -----
## : FRF
## : VLA
## [1] NA
## -----

```

```

## : FRG
## : VLA
## [1] NA
## -----
## : FRH
## : VLA
## [1] NA
## -----
## : FRJ
## : VLA
## [1] NA
## -----
## : FRK
## : VLA
## [1] NA
## -----
## : FRL
## : VLA
## [1] NA
## -----
## : FRM
## : VLA
## [1] NA
## -----
## : FRY1
## : VLA
## [1] NA
## -----
## : FRY2
## : VLA
## [1] NA
## -----
## : FRY3
## : VLA
## [1] NA
## -----
## : FRY4
## : VLA
## [1] NA
## -----
## : FRY5
## : VLA
## [1] NA
## -----
## : HR
## : VLA
## [1] NA
## -----
## : HU
## : VLA
## [1] NA
## -----
## : IE
## : VLA

```

```

## [1] NA
## -----
## : IS
## : VLA
## [1] NA
## -----
## : IT
## : VLA
## [1] NA
## -----
## : ITC1
## : VLA
## [1] NA
## -----
## : ITF5
## : VLA
## [1] NA
## -----
## : ITG2
## : VLA
## [1] NA
## -----
## : ITH1
## : VLA
## [1] NA
## -----
## : ITH2
## : VLA
## [1] NA
## -----
## : ITH5
## : VLA
## [1] NA
## -----
## : ITI1
## : VLA
## [1] NA
## -----
## : ITI2
## : VLA
## [1] NA
## -----
## : ITI3
## : VLA
## [1] NA
## -----
## : ITI4
## : VLA
## [1] NA
## -----
## : LI
## : VLA
## [1] NA
## -----

```

```

## : LT
## : VLA
## [1] NA
## -----
## : LT01
## : VLA
## [1] NA
## -----
## : LT02
## : VLA
## [1] NA
## -----
## : LU
## : VLA
## [1] NA
## -----
## : LV
## : VLA
## [1] NA
## -----
## : MT
## : VLA
## [1] NA
## -----
## : NL
## : VLA
## [1] NA
## -----
## : NO
## : VLA
## [1] NA
## -----
## : PL
## : VLA
## [1] NA
## -----
## : PL21
## : VLA
## [1] NA
## -----
## : PL22
## : VLA
## [1] NA
## -----
## : PL41
## : VLA
## [1] NA
## -----
## : PL42
## : VLA
## [1] NA
## -----
## : PL43
## : VLA

```

```

## [1] NA
## -----
## : PL51
## : VLA
## [1] NA
## -----
## : PL52
## : VLA
## [1] NA
## -----
## : PL61
## : VLA
## [1] NA
## -----
## : PL62
## : VLA
## [1] NA
## -----
## : PL63
## : VLA
## [1] NA
## -----
## : PL71
## : VLA
## [1] NA
## -----
## : PL72
## : VLA
## [1] NA
## -----
## : PL81
## : VLA
## [1] NA
## -----
## : PL82
## : VLA
## [1] NA
## -----
## : PL84
## : VLA
## [1] NA
## -----
## : PL92X
## : VLA
## [1] NA
## -----
## : PT
## : VLA
## [1] NA
## -----
## : PTCSR02
## : VLA
## [1] NA
## -----

```

```

## : PTCSR04
## : VLA
## [1] NA
## -----
## : PTCSR07
## : VLA
## [1] NA
## -----
## : RO
## : VLA
## [1] NA
## -----
## : SE
## : VLA
## [1] NA
## -----
## : SE11
## : VLA
## [1] NA
## -----
## : SE21
## : VLA
## [1] NA
## -----
## : SE23
## : VLA
## [1] NA
## -----
## : SE32
## : VLA
## [1] NA
## -----
## : SI
## : VLA
## [1] NA
## -----
## : SK
## : VLA
## [1] NA
## -----
## : UNK
## : VLA
## [1] NA

# aggregate is more convenient sometimes
aggregate(vaccines2$NumberDosesReceived ~ vaccines2$Region, FUN = mean)

##      vaccines2$Region vaccines2$NumberDosesReceived
## 1             AT              0
## 2             CY             960
## 3             DK            8190
## 4             EE              0
## 5             FR              0
## 6             IE              0
## 7             IS            5245

```

```
## 8          LI          0
## 9          LT          0
## 10         LT01        371
## 11         LT02          0
## 12         LU          0
## 13         LV          0
## 14         NL          0
## 15         PL        298500
## 16         PT          0
## 17         SI          0
## 18         SK          0
```

```
aggregate(NumberDosesReceived ~ Region + Vaccine, data = vaccines2,
FUN = mean)
```

```
##   Region Vaccine NumberDosesReceived
## 1    AT      AZ          0
## 2    CY      AZ        3200
## 3    DK      AZ          0
## 4    EE      AZ          0
## 5    IS      AZ          0
## 6    LT      AZ          0
## 7    LU      AZ          0
## 8    LV      AZ          0
## 9    PT  BECNBG          0
## 10   AT      COM          0
## 11   CY      COM          0
## 12   DK      COM        24570
## 13   EE      COM          0
## 14   IE      COM          0
## 15   IS      COM        9360
## 16   LI      COM          0
## 17  LT01      COM         371
## 18   LU      COM          0
## 19   LV      COM          0
## 20   NL      COM          0
## 21   SK      COM          0
## 22   AT  COMBA.1          0
## 23   DK  COMBA.1          0
## 24   LU  COMBA.1          0
## 25   AT COMBA.4-5          0
## 26   LU COMBA.4-5          0
## 27   CY      JANSS          0
## 28   DK      JANSS          0
## 29   EE      JANSS          0
## 30   IE      JANSS          0
## 31  LT02      JANSS          0
## 32   LU      JANSS          0
## 33   LV      JANSS          0
## 34   NL      JANSS          0
## 35   PL      JANSS        298500
## 36   SI      JANSS          0
## 37   SK      JANSS          0
## 38   AT      MOD          0
## 39   CY      MOD          0
```



```
## 40      DK      MOD      0
## 41      EE      MOD      0
## 42      IE      MOD      0
## 43      IS      MOD     5810
## 44      LI      MOD      0
## 45      LT      MOD      0
## 46      LT02     MOD      0
## 47      LU      MOD      0
## 48      LV      MOD      0
## 49      NL      MOD      0
## 50      SK      MOD      0
## 51      AT      MODBA.1    0
## 52      AT      NVXD      0
## 53      EE      NVXD      0
## 54      FR      NVXD      0
## 55      LV      NVXD      0
## 56      NL      NVXD      0
## 57      AT      UNK        0
## 58      LT      UNK        0
## 59      NL      UNK        0
## 60      AT      VLA        0
```

```
aggregate(FirstDoseRefused ~ TargetGroup, data = vaccines2, FUN = median)
```

```
##      TargetGroup FirstDoseRefused
## 1          LTCF              0
```

by default NAs are disregarded

```
aggregate(FirstDoseRefused ~ TargetGroup, data = vaccines2, na.action = NULL,
          FUN = median)
```

```
##      TargetGroup FirstDoseRefused
## 1      1_Age<60      NA
## 2      1_Age60+      NA
## 3      Age<18        NA
## 4      Age0_4         NA
## 5      Age10_14       NA
## 6      Age15_17       NA
## 7      Age18_24       NA
## 8      Age25_49       NA
## 9      Age5_9         NA
## 10     Age50_59       NA
## 11     Age60_69       NA
## 12     Age70_79       NA
## 13     Age80+         NA
## 14     AgeUNK         NA
## 15     ALL            NA
## 16     HCW            NA
## 17     LTCF           NA
```

*# we can make it for several numeric variables at the same
time*

```
aggregate(cbind(NumberDosesReceived, FirstDose, SecondDose) ~
          as.factor(TargetGroup), data = vaccines2, FUN = mean)
```

```
##      as.factor(TargetGroup) NumberDosesReceived FirstDose SecondDose
```

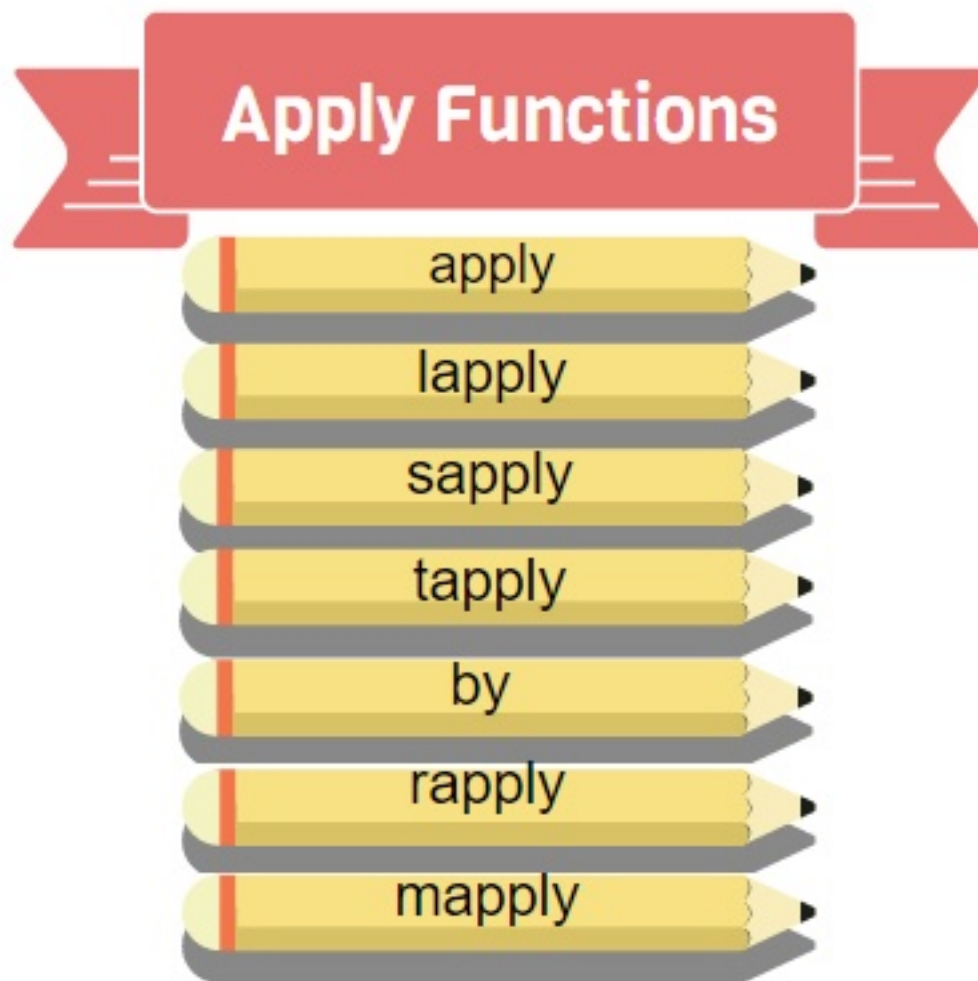
## 1	Age<18	0.0000	4.25000	1.250000
## 2	Age10_14	0.0000	52.00000	52.500000
## 3	Age15_17	0.0000	209.42857	97.571429
## 4	Age18_24	836.3636	662.90909	950.818182
## 5	Age25_49	0.0000	386.00000	102.600000
## 6	Age5_9	0.0000	187.00000	7.500000
## 7	Age50_59	1560.0000	566.66667	3.166667
## 8	Age60_69	0.0000	30.18182	676.545455
## 9	Age70_79	0.0000	529.27273	395.909091
## 10	Age80+	0.0000	36.10000	128.200000
## 11	AgeUNK	0.0000	0.00000	0.000000
## 12	ALL	37950.0556	5923.27778	3046.611111
## 13	HCW	0.0000	62.80000	54.000000
## 14	LTCF	0.0000	26.75000	19.000000

We can also add a custom function, using the short, inline notation:

```
# we can also use custom functions here
aggregate(cbind(VF, Plasmids) ~ as.factor(Source), data = coli_genomes,
FUN = function(x) mean(x) * 100/mean(coli_genomes$Contigs))
```

##	as.factor(Source)	VF	Plasmids
## 1	Avian	4.061766	1.477006
## 2	Human	6.240349	1.477006
## 3	Porcine	2.492447	3.600201

Apply family of functions



As you discussed previously, one of the issues with for loop can be its memory consumption and its slowness in executing a repetitive task at hand. Often dealing with large data and iterating it, for loop is not advised. R provides many few alternatives to be applied on vectors for looping operations. In this section, we deal with **apply** function and its variants. The functions `apply()`, `lapply()`, `sapply()`, `tapply()`, `rapply()` & `mapply()`. As a general definition, *Apply* is a very efficient tool to perform repetitive calculations. In the following examples we test some of the powers of the *applies*.

```
apply(vaccines[, 4:12], 1, mean, na.rm = TRUE)
```

```
##      [1] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
##      [6] 1.000000e+00 8.345500e+03 0.000000e+00 0.000000e+00 0.000000e+00
##     [11] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
##     [16] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
##     [21] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
##     [26] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
##     [31] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01
##     [36] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
##     [41] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
##     [46] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.137500e+01
##     [51] 0.000000e+00 0.000000e+00 0.000000e+00 1.662500e+02 0.000000e+00
```

```

## [56] 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00
## [61] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66] 0.000000e+00 1.313750e+02 2.500000e-01 0.000000e+00 0.000000e+00
## [71] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [76] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [81] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [86] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.512500e+01
## [91] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96] 0.000000e+00 0.000000e+00 7.050000e+01 0.000000e+00 0.000000e+00
## [101] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.127500e+02
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## [391] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [591] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00

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## [831] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [836] 6.625000e+00 0.000000e+00 6.250000e-01 0.000000e+00 0.000000e+00
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## [1091] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [1106] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1111] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 1.875000e+00
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## [1166] 7.500000e+02 0.000000e+00 0.000000e+00 0.000000e+00 7.338750e+02
## [1171] 9.625000e+00 0.000000e+00 0.000000e+00 8.125000e+02 0.000000e+00
## [1176] 0.000000e+00 0.000000e+00 8.212500e+01 0.000000e+00 2.776250e+02
## [1181] 0.000000e+00 3.072500e+02 0.000000e+00 4.500000e+01 9.757000e+03
## [1186] 8.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1191] 0.000000e+00 0.000000e+00 2.250000e+00 2.500000e-01 0.000000e+00
## [1196] 7.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1201] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 4.162500e+01
## [1206] 2.821588e+04 0.000000e+00 8.088500e+03 4.438312e+04 0.000000e+00
## [1211] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [1216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [1221] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1226] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [1231] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1236] 4.000000e+00 8.562500e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [1241] 5.681250e+02 0.000000e+00 0.000000e+00 7.500000e-01 6.232500e+02
## [1246] 0.000000e+00 0.000000e+00 0.000000e+00 7.575000e+01 0.000000e+00
## [1251] 3.236500e+03 0.000000e+00 4.423250e+03 0.000000e+00 5.771250e+02
## [1256] 0.000000e+00 0.000000e+00 6.375000e+00 0.000000e+00 0.000000e+00
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## [1266] 2.409000e+03 0.000000e+00 0.000000e+00 4.000000e+00 0.000000e+00
## [1271] 1.250000e-01 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [1276] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1281] 1.600000e+01 2.062375e+03 0.000000e+00 2.843750e+02 0.000000e+00
## [1286] 0.000000e+00 0.000000e+00 0.000000e+00 1.466250e+03 0.000000e+00
## [1291] 0.000000e+00 0.000000e+00 3.997500e+02 0.000000e+00 1.275000e+01
## [1296] 0.000000e+00 0.000000e+00 8.952500e+02 0.000000e+00 2.441875e+03
## [1301] 1.021225e+04 1.540000e+02 0.000000e+00 1.750000e+00 0.000000e+00
## [1306] 2.328750e+02 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [1311] 0.000000e+00 4.250000e+00 0.000000e+00 8.612500e+01 0.000000e+00
## [1316] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1321] 3.998375e+03 2.425000e+01 2.843538e+04 0.000000e+00 0.000000e+00
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## [1336] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 1.250000e-01
## [1341] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01
## [1346] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [1351] 2.237500e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [1366] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
## [1371] 0.000000e+00 0.000000e+00 5.000000e+00 0.000000e+00 0.000000e+00
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## [1381] 6.515000e+02 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [1386] 2.250000e+00 9.996250e+02 0.000000e+00 0.000000e+00 2.143375e+03
## [1391] 1.250000e-01 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [1396] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1401] 0.000000e+00 1.785500e+03 8.000000e+00 0.000000e+00 3.750000e-01

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## [1406] 0.000000e+00 1.527500e+03 0.000000e+00 6.865000e+02 0.000000e+00
## [1411] 0.000000e+00 0.000000e+00 9.607500e+02 0.000000e+00 3.740125e+03
## [1416] 7.875000e+00 1.177750e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [1421] 8.847125e+03 0.000000e+00 5.428750e+02 7.500000e-01 0.000000e+00
## [1426] 1.250000e-01 0.000000e+00 0.000000e+00 7.015000e+02 2.500000e-01
## [1431] 0.000000e+00 0.000000e+00 2.250000e+00 2.325000e+01 0.000000e+00
## [1436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.250000e+00
## [1441] 3.625000e+00 0.000000e+00 1.250000e-01 0.000000e+00 1.190450e+04
## [1446] 3.464025e+04 2.712500e+01 0.000000e+00 0.000000e+00 1.250438e+04
## [1451] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1456] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1461] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 1.250000e-01
## [1466] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [1471] 7.500000e-01 0.000000e+00 1.850000e+01 0.000000e+00 0.000000e+00
## [1476] 1.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1481] 1.121250e+02 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [1486] 5.000000e-01 0.000000e+00 3.522500e+02 1.782500e+02 0.000000e+00
## [1491] 7.235000e+02 0.000000e+00 1.468625e+03 0.000000e+00 0.000000e+00
## [1496] 0.000000e+00 0.000000e+00 6.375000e+00 2.937625e+03 1.000000e+00
## [1501] 3.000000e+00 0.000000e+00 5.140000e+02 0.000000e+00 0.000000e+00
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## [1511] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 1.250000e-01
## [1516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1521] 0.000000e+00 0.000000e+00 0.000000e+00 8.875000e+00 1.000000e+00
## [1526] 0.000000e+00 1.555625e+03 1.653625e+03 0.000000e+00 4.990000e+02
## [1531] 1.873750e+03 9.010000e+02 0.000000e+00 3.012375e+03 0.000000e+00
## [1536] 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e+00 0.000000e+00
## [1541] 1.098738e+04 4.547500e+02 0.000000e+00 7.996250e+02 0.000000e+00
## [1546] 1.250000e-01 1.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [1566] 0.000000e+00 3.812500e+01 0.000000e+00 3.750000e-01 2.976612e+04
## [1571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1576] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1581] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [1591] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 1.250000e-01
## [1596] 0.000000e+00 0.000000e+00 1.575000e+01 0.000000e+00 0.000000e+00
## [1601] 0.000000e+00 0.000000e+00 5.000000e-01 9.375000e+01 1.125000e+00
## [1606] 1.665000e+02 1.800000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [1611] 1.204625e+03 0.000000e+00 4.750000e+00 0.000000e+00 1.170250e+03
## [1616] 8.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 5.162500e+02
## [1621] 0.000000e+00 7.500000e-01 0.000000e+00 4.238750e+02 1.018500e+03
## [1626] 8.977500e+02 5.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1631] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [1636] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [1641] 0.000000e+00 1.633375e+03 0.000000e+00 7.500000e-01 8.373750e+02
## [1646] 0.000000e+00 1.500000e+01 0.000000e+00 4.643750e+02 0.000000e+00
## [1651] 5.352750e+03 1.250000e-01 1.250000e-01 0.000000e+00 1.231375e+03
## [1656] 8.125000e+00 2.548000e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [1661] 0.000000e+00 5.460000e+02 1.250000e-01 5.628750e+02 9.370375e+03
## [1666] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1671] 0.000000e+00 0.000000e+00 0.000000e+00 1.375000e+00 0.000000e+00

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## [1681] 0.000000e+00 5.225000e+01 3.750000e-01 1.250000e-01 1.136900e+04
## [1686] 0.000000e+00 1.312500e+01 0.000000e+00 5.260825e+04 1.279588e+04
## [1691] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1696] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1701] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1706] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [1711] 9.325000e+01 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [1716] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 1.250000e+00
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## [1726] 1.085000e+02 2.125000e+00 0.000000e+00 0.000000e+00 1.661250e+02
## [1731] 7.165000e+02 0.000000e+00 1.253000e+03 0.000000e+00 7.250000e+00
## [1736] 9.875000e+00 3.576125e+03 0.000000e+00 0.000000e+00 1.250000e-01
## [1741] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.453375e+03
## [1746] 0.000000e+00 2.000000e+00 7.500000e+00 4.861250e+02 1.112750e+03
## [1751] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1756] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [1761] 2.000000e+01 0.000000e+00 2.500000e-01 2.951750e+03 7.657500e+02
## [1766] 4.660375e+03 0.000000e+00 0.000000e+00 0.000000e+00 8.750000e-01
## [1771] 0.000000e+00 0.000000e+00 7.500000e-01 1.175000e+01 0.000000e+00
## [1776] 0.000000e+00 0.000000e+00 2.544750e+03 5.126500e+03 8.825375e+03
## [1781] 0.000000e+00 0.000000e+00 0.000000e+00 7.588750e+02 2.250000e+00
## [1786] 3.742500e+02 1.250000e-01 0.000000e+00 1.250000e-01 7.859875e+03
## [1791] 0.000000e+00 7.500000e-01 1.250000e-01 0.000000e+00 0.000000e+00
## [1796] 0.000000e+00 9.362500e+01 0.000000e+00 1.500000e+00 0.000000e+00
## [1801] 2.102875e+03 3.775000e+01 5.380375e+03 1.536538e+04 2.500000e-01
## [1806] 0.000000e+00 0.000000e+00 5.436688e+04 0.000000e+00 0.000000e+00
## [1811] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 1.250000e-01
## [1816] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1821] 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00
## [1826] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1831] 4.912500e+01 0.000000e+00 0.000000e+00 2.875000e+00 1.375000e+00
## [1836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1841] 8.750000e-01 4.043750e+02 1.728750e+02 0.000000e+00 0.000000e+00
## [1846] 1.250000e-01 0.000000e+00 0.000000e+00 1.250000e-01 1.772500e+02
## [1851] 1.500000e+00 0.000000e+00 1.761750e+03 0.000000e+00 0.000000e+00
## [1856] 0.000000e+00 0.000000e+00 9.000000e+00 1.008000e+03 3.415875e+03
## [1861] 0.000000e+00 0.000000e+00 5.000000e+00 3.750000e-01 7.828750e+02
## [1866] 0.000000e+00 1.457375e+03 3.137000e+03 0.000000e+00 0.000000e+00
## [1871] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1876] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [1881] 1.288250e+03 0.000000e+00 1.250000e-01 0.000000e+00 1.300000e+01
## [1886] 7.670000e+03 6.250000e-01 0.000000e+00 0.000000e+00 3.315875e+03
## [1891] 4.900750e+03 1.114212e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [1896] 8.875000e+00 2.500000e-01 0.000000e+00 0.000000e+00 1.545000e+03
## [1901] 3.881250e+03 0.000000e+00 1.000000e+00 4.523750e+02 0.000000e+00
## [1906] 0.000000e+00 0.000000e+00 0.000000e+00 5.833750e+02 0.000000e+00
## [1911] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
## [1916] 3.000000e+00 0.000000e+00 5.125000e+01 0.000000e+00 0.000000e+00
## [1921] 5.000000e-01 0.000000e+00 0.000000e+00 3.437500e+01 1.427525e+04
## [1926] 5.808412e+04 9.084250e+03 1.375000e+00 0.000000e+00 0.000000e+00
## [1931] 0.000000e+00 1.250000e-01 1.250000e-01 0.000000e+00 0.000000e+00
## [1936] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [1941] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00

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## [1946] 0.000000e+00 0.000000e+00 1.625000e+00 0.000000e+00 0.000000e+00
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## [1961] 1.412500e+02 0.000000e+00 1.250000e-01 5.451250e+02 0.000000e+00
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## [1971] 3.750000e-01 2.500000e-01 0.000000e+00 1.101250e+03 0.000000e+00
## [1976] 5.162000e+03 1.431750e+03 0.000000e+00 8.750000e+00 0.000000e+00
## [1981] 0.000000e+00 6.250000e-01 5.194625e+03 6.000000e+00 1.229125e+03
## [1986] 9.206250e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [1996] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2001] 1.672000e+03 0.000000e+00 2.500000e-01 1.100000e+01 1.021000e+03
## [2006] 0.000000e+00 1.066125e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [2011] 0.000000e+00 8.626000e+03 1.250000e-01 7.000000e+00 1.250000e-01
## [2016] 0.000000e+00 1.178375e+03 0.000000e+00 0.000000e+00 1.423000e+03
## [2021] 3.178875e+03 0.000000e+00 0.000000e+00 1.125000e+00 0.000000e+00
## [2026] 1.747500e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.717500e+02
## [2031] 0.000000e+00 6.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [2036] 0.000000e+00 2.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [2041] 0.000000e+00 1.539750e+03 0.000000e+00 0.000000e+00 1.003488e+04
## [2046] 6.500000e+01 5.000000e-01 0.000000e+00 4.525825e+04 7.165612e+04
## [2051] 0.000000e+00 2.500000e-01 3.750000e-01 0.000000e+00 0.000000e+00
## [2056] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2061] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2066] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.750000e-01
## [2071] 1.250000e-01 6.450000e+01 0.000000e+00 1.250000e-01 0.000000e+00
## [2076] 1.250000e+00 1.250000e-01 0.000000e+00 0.000000e+00 1.375000e+00
## [2081] 0.000000e+00 1.125000e+00 0.000000e+00 9.257500e+02 2.966250e+02
## [2086] 0.000000e+00 1.040000e+02 2.250000e+00 0.000000e+00 0.000000e+00
## [2091] 0.000000e+00 0.000000e+00 3.750000e-01 1.725000e+01 0.000000e+00
## [2096] 7.300000e+02 1.650000e+01 1.659000e+03 6.129500e+03 0.000000e+00
## [2101] 0.000000e+00 8.250000e+00 7.429500e+03 0.000000e+00 7.875000e+00
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## [2111] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 1.250000e-01
## [2116] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [2121] 1.250000e-01 1.759875e+03 2.400000e+01 0.000000e+00 0.000000e+00
## [2126] 1.579125e+03 0.000000e+00 1.269825e+04 0.000000e+00 4.125000e+00
## [2131] 0.000000e+00 1.534500e+03 1.237500e+01 0.000000e+00 0.000000e+00
## [2136] 3.750000e+00 3.838750e+02 6.336375e+03 0.000000e+00 0.000000e+00
## [2141] 1.135500e+03 4.500000e+00 0.000000e+00 0.000000e+00 2.930000e+02
## [2146] 0.000000e+00 1.451250e+02 0.000000e+00 0.000000e+00 2.750000e+00
## [2151] 1.625000e+00 1.250000e-01 0.000000e+00 6.650000e+01 1.375000e+00
## [2156] 0.000000e+00 2.500000e-01 1.250000e-01 0.000000e+00 0.000000e+00
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## [2166] 0.000000e+00 7.951000e+03 1.358938e+04 5.087500e+01 0.000000e+00
## [2171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2176] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [2181] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2186] 0.000000e+00 1.375000e+00 0.000000e+00 3.750000e-01 0.000000e+00
## [2191] 0.000000e+00 1.096250e+02 0.000000e+00 7.500000e-01 5.125000e+00
## [2196] 0.000000e+00 1.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2201] 0.000000e+00 0.000000e+00 6.662500e+02 5.087500e+01 0.000000e+00
## [2206] 0.000000e+00 1.875000e+00 1.323750e+03 1.751250e+02 0.000000e+00
## [2211] 0.000000e+00 9.873000e+03 1.375000e+01 0.000000e+00 0.000000e+00

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## [2216] 0.000000e+00 3.186250e+03 1.379625e+03 2.500000e-01 3.242500e+02
## [2221] 0.000000e+00 1.737500e+02 1.000000e+01 1.003412e+04 0.000000e+00
## [2226] 1.666000e+03 1.250000e-01 0.000000e+00 0.000000e+00 2.241750e+03
## [2231] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2236] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00
## [2241] 1.128438e+04 0.000000e+00 0.000000e+00 0.000000e+00 9.660000e+02
## [2246] 1.333750e+02 1.500000e+01 0.000000e+00 1.489625e+03 0.000000e+00
## [2251] 0.000000e+00 2.395000e+02 0.000000e+00 7.100000e+01 1.731500e+03
## [2256] 7.699750e+03 0.000000e+00 8.125000e+00 0.000000e+00 0.000000e+00
## [2261] 0.000000e+00 0.000000e+00 3.037500e+01 3.211250e+02 0.000000e+00
## [2266] 2.125000e+00 0.000000e+00 1.651375e+03 1.276250e+02 0.000000e+00
## [2271] 0.000000e+00 0.000000e+00 0.000000e+00 5.625000e+00 1.375000e+00
## [2276] 1.120000e+02 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00
## [2281] 7.664475e+04 1.250000e-01 1.369662e+04 3.158000e+03 0.000000e+00
## [2286] 3.937500e+01 0.000000e+00 1.530600e+04 0.000000e+00 7.500000e-01
## [2291] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2296] 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00 0.000000e+00
## [2301] 0.000000e+00 3.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2306] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2311] 0.000000e+00 2.125000e+00 3.625000e+00 0.000000e+00 0.000000e+00
## [2316] 0.000000e+00 2.000000e+00 0.000000e+00 1.567500e+02 0.000000e+00
## [2321] 7.967500e+02 0.000000e+00 0.000000e+00 3.022500e+02 8.750000e-01
## [2326] 9.225000e+01 1.421000e+03 0.000000e+00 1.250000e-01 0.000000e+00
## [2331] 1.250000e-01 5.000000e-01 3.709125e+03 0.000000e+00 0.000000e+00
## [2336] 4.608750e+02 1.040388e+04 2.008875e+03 1.112500e+01 0.000000e+00
## [2341] 0.000000e+00 1.930250e+03 0.000000e+00 0.000000e+00 2.141750e+03
## [2346] 6.375000e+00 0.000000e+00 2.210000e+02 0.000000e+00 1.169375e+04
## [2351] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [2356] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 2.500000e-01
## [2361] 0.000000e+00 1.187500e+01 8.881500e+03 1.250000e-01 0.000000e+00
## [2366] 0.000000e+00 6.825000e+01 1.213500e+03 0.000000e+00 9.012500e+02
## [2371] 1.045125e+03 0.000000e+00 7.375000e+00 1.708750e+02 0.000000e+00
## [2376] 2.850000e+01 0.000000e+00 0.000000e+00 0.000000e+00 4.579000e+03
## [2381] 0.000000e+00 1.588750e+02 0.000000e+00 1.750000e+00 0.000000e+00
## [2386] 0.000000e+00 1.055625e+03 3.712500e+01 7.400000e+01 0.000000e+00
## [2391] 2.375000e+00 0.000000e+00 0.000000e+00 1.611250e+02 0.000000e+00
## [2396] 2.000000e+00 0.000000e+00 4.000000e+00 0.000000e+00 0.000000e+00
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## [2406] 2.500000e-01 0.000000e+00 0.000000e+00 4.062500e+01 0.000000e+00
## [2411] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 7.500000e-01
## [2416] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [2421] 0.000000e+00 0.000000e+00 6.000000e+00 0.000000e+00 0.000000e+00
## [2426] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [2431] 1.500000e+00 6.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2436] 0.000000e+00 0.000000e+00 0.000000e+00 2.978750e+02 6.750000e+00
## [2441] 8.698750e+02 1.125000e+00 2.029125e+03 3.096250e+02 1.345000e+02
## [2446] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [2456] 0.000000e+00 8.213750e+02 8.375000e+00 0.000000e+00 0.000000e+00
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## [2471] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2476] 6.250000e-01 1.250000e-01 0.000000e+00 2.500000e-01 0.000000e+00
## [2481] 1.022712e+04 1.250000e-01 1.400875e+03 1.535000e+02 1.719250e+03

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## [2486] 1.425000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [2496] 7.000000e+01 0.000000e+00 0.000000e+00 0.000000e+00 3.506250e+02
## [2501] 0.000000e+00 0.000000e+00 0.000000e+00 1.375000e+00 2.725125e+03
## [2506] 1.010000e+02 0.000000e+00 5.950000e+01 1.466250e+02 0.000000e+00
## [2511] 0.000000e+00 6.875000e+00 0.000000e+00 7.125000e+00 0.000000e+00
## [2516] 1.500000e+00 0.000000e+00 0.000000e+00 3.052500e+02 0.000000e+00
## [2521] 7.576500e+03 8.137412e+04 1.041638e+04 0.000000e+00 0.000000e+00
## [2526] 3.800000e+01 0.000000e+00 5.000000e-01 1.414312e+04 1.250000e-01
## [2531] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2536] 8.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [2541] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [2546] 6.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
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## [2566] 0.000000e+00 0.000000e+00 1.416250e+02 3.832500e+02 7.513750e+02
## [2571] 1.513612e+04 3.364750e+03 2.500000e-01 9.317500e+02 1.662500e+01
## [2576] 0.000000e+00 0.000000e+00 4.517875e+03 0.000000e+00 0.000000e+00
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## [2586] 2.912500e+02 9.058250e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [2591] 1.250000e-01 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [2596] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00
## [2601] 8.715000e+02 1.073750e+02 0.000000e+00 8.125000e+00 8.547125e+03
## [2606] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 1.487625e+03
## [2611] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 5.312500e+01
## [2616] 4.875000e+00 5.503750e+02 0.000000e+00 6.078000e+03 6.438750e+02
## [2621] 0.000000e+00 5.137500e+01 1.562125e+03 0.000000e+00 0.000000e+00
## [2626] 7.687500e+01 1.990000e+02 0.000000e+00 0.000000e+00 1.250000e+00
## [2631] 0.000000e+00 4.375000e+00 3.110000e+02 1.750000e+00 0.000000e+00
## [2636] 0.000000e+00 1.250000e-01 1.250000e-01 0.000000e+00 4.625000e+00
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## [2646] 1.250000e-01 0.000000e+00 1.161744e+05 6.250000e-01 4.362500e+01
## [2651] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [2656] 0.000000e+00 7.500000e-01 7.500000e-01 0.000000e+00 0.000000e+00
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## [2666] 0.000000e+00 2.500000e-01 0.000000e+00 2.500000e-01 0.000000e+00
## [2671] 0.000000e+00 0.000000e+00 0.000000e+00 2.750000e+00 0.000000e+00
## [2676] 6.410000e+02 0.000000e+00 0.000000e+00 5.500000e+00 1.750000e+00
## [2681] 0.000000e+00 4.781250e+02 0.000000e+00 0.000000e+00 1.625000e+00
## [2686] 0.000000e+00 3.137500e+02 2.500000e-01 5.561250e+02 3.612750e+03
## [2691] 1.500000e+01 3.428750e+03 0.000000e+00 2.116025e+04 0.000000e+00
## [2696] 0.000000e+00 3.161125e+03 2.500000e-01 1.635750e+03 1.250000e-01
## [2701] 0.000000e+00 0.000000e+00 7.625000e+00 4.952500e+02 1.148650e+04
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## [2716] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e+00
## [2721] 0.000000e+00 0.000000e+00 0.000000e+00 1.187500e+02 9.875000e+00
## [2726] 0.000000e+00 6.611250e+02 1.250000e-01 1.101925e+04 1.429750e+03
## [2731] 0.000000e+00 0.000000e+00 3.940000e+02 0.000000e+00 0.000000e+00
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## [2741] 0.000000e+00 0.000000e+00 2.256250e+02 1.250000e+00 0.000000e+00
## [2746] 0.000000e+00 0.000000e+00 6.612500e+01 4.925000e+01 8.922500e+02
## [2751] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [2756] 4.000000e+00 6.125000e+00 7.498750e+02 1.875000e+00 0.000000e+00
## [2761] 2.725000e+01 1.195362e+04 0.000000e+00 4.594125e+03 8.003375e+03
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## [2771] 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00
## [2776] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [2781] 2.392500e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2786] 2.500000e-01 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [2791] 1.078875e+03 0.000000e+00 4.750000e+00 0.000000e+00 0.000000e+00
## [2796] 0.000000e+00 6.500000e+00 0.000000e+00 2.250000e+00 0.000000e+00
## [2801] 1.250000e+00 6.745000e+02 4.544875e+03 4.788750e+02 0.000000e+00
## [2806] 0.000000e+00 3.388750e+02 1.250000e-01 0.000000e+00 0.000000e+00
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## [2826] 0.000000e+00 1.374512e+04 2.583000e+03 5.610000e+02 0.000000e+00
## [2831] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 1.250000e+00
## [2836] 0.000000e+00 1.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [2861] 8.750000e-01 0.000000e+00 0.000000e+00 4.562500e+01 0.000000e+00
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## [2876] 0.000000e+00 4.750000e+00 0.000000e+00 4.250000e+00 0.000000e+00
## [2881] 0.000000e+00 1.126570e+05 3.441625e+03 1.125000e+00 1.613138e+04
## [2886] 0.000000e+00 0.000000e+00 2.537500e+01 2.146975e+04 0.000000e+00
## [2891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [2896] 1.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [2901] 0.000000e+00 2.500000e-01 0.000000e+00 2.500000e-01 0.000000e+00
## [2906] 0.000000e+00 0.000000e+00 6.296250e+02 0.000000e+00 0.000000e+00
## [2911] 0.000000e+00 4.000000e+00 3.125000e+00 1.000000e+00 0.000000e+00
## [2916] 0.000000e+00 1.643750e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [2921] 2.550000e+02 2.737500e+02 1.250000e-01 0.000000e+00 2.125000e+00
## [2926] 2.722500e+02 0.000000e+00 0.000000e+00 0.000000e+00 5.210375e+03
## [2931] 2.587500e+03 1.115125e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [2936] 1.187500e+01 5.000000e-01 0.000000e+00 1.972250e+03 2.436188e+04
## [2941] 1.985000e+03 3.125000e+00 0.000000e+00 0.000000e+00 1.270875e+03
## [2946] 0.000000e+00 3.443750e+02 1.250000e-01 1.311850e+04 0.000000e+00
## [2951] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [2976] 3.875000e+02 2.875000e+00 1.278750e+03 0.000000e+00 1.250000e-01
## [2981] 0.000000e+00 5.822500e+02 1.000000e+00 0.000000e+00 0.000000e+00
## [2986] 8.957500e+02 0.000000e+00 4.537500e+01 0.000000e+00 8.525000e+01
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## [2996] 0.000000e+00 0.000000e+00 0.000000e+00 2.275500e+03 0.000000e+00
## [3001] 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00 0.000000e+00
## [3006] 2.737500e+01 1.263594e+05 2.153200e+04 1.534062e+04 2.660375e+03
## [3011] 2.625000e+00 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [3016] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 1.250000e-01
## [3021] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.025125e+03

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## [3026] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
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## [3051] 6.492500e+02 1.446000e+03 2.573675e+04 6.250000e-01 0.000000e+00
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## [3061] 0.000000e+00 0.000000e+00 0.000000e+00 1.140875e+03 3.250000e+00
## [3066] 1.514012e+04 1.605000e+02 2.282500e+03 0.000000e+00 0.000000e+00
## [3071] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3076] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [3081] 6.100000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3086] 0.000000e+00 1.766250e+03 7.656375e+03 6.472500e+02 6.375000e+00
## [3091] 0.000000e+00 0.000000e+00 5.375000e+00 2.193375e+03 0.000000e+00
## [3096] 0.000000e+00 0.000000e+00 3.997625e+03 3.350000e+01 1.611250e+02
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## [3106] 3.475000e+01 6.816250e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [3111] 2.500000e+00 3.206375e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [3116] 0.000000e+00 2.375000e+00 1.250000e-01 3.500000e+00 0.000000e+00
## [3121] 2.000000e+01 1.197459e+05 0.000000e+00 8.127600e+04 0.000000e+00
## [3126] 1.617288e+04 1.250000e-01 5.000000e-01 1.317975e+04 0.000000e+00
## [3131] 0.000000e+00 0.000000e+00 0.000000e+00 8.750000e-01 0.000000e+00
## [3136] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3141] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [3146] 0.000000e+00 1.278875e+03 2.500000e-01 0.000000e+00 0.000000e+00
## [3151] 0.000000e+00 2.749875e+03 6.875000e+00 4.125000e+00 0.000000e+00
## [3156] 0.000000e+00 0.000000e+00 0.000000e+00 3.125000e+00 0.000000e+00
## [3161] 0.000000e+00 1.125000e+00 0.000000e+00 1.007625e+03 1.250000e-01
## [3166] 0.000000e+00 3.283750e+02 0.000000e+00 5.616875e+03 4.382500e+02
## [3171] 2.530462e+04 3.615250e+03 0.000000e+00 0.000000e+00 9.500000e+00
## [3176] 2.328750e+03 0.000000e+00 1.250000e-01 1.250000e-01 1.560625e+03
## [3181] 0.000000e+00 2.875000e+00 0.000000e+00 2.086875e+03 0.000000e+00
## [3186] 0.000000e+00 1.836750e+03 0.000000e+00 1.052738e+04 4.541250e+02
## [3191] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [3196] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [3201] 1.431250e+02 0.000000e+00 3.555750e+03 2.500000e-01 1.258000e+03
## [3206] 6.080125e+03 0.000000e+00 0.000000e+00 0.000000e+00 3.125000e+00
## [3211] 2.625000e+00 1.701375e+03 0.000000e+00 4.950375e+03 0.000000e+00
## [3216] 1.691250e+02 0.000000e+00 0.000000e+00 7.562500e+01 0.000000e+00
## [3221] 5.537500e+01 4.510000e+02 0.000000e+00 0.000000e+00 7.500000e-01
## [3226] 0.000000e+00 3.862500e+01 6.080000e+02 0.000000e+00 0.000000e+00
## [3231] 7.125000e+00 0.000000e+00 0.000000e+00 3.375000e+00 0.000000e+00
## [3236] 0.000000e+00 0.000000e+00 4.030625e+03 0.000000e+00 5.000000e+00
## [3241] 7.918388e+04 0.000000e+00 0.000000e+00 0.000000e+00 2.150000e+01
## [3246] 5.522250e+03 7.500000e-01 0.000000e+00 1.995125e+04 1.377650e+04
## [3251] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3256] 0.000000e+00 1.750000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [3261] 1.250000e+00 9.598750e+02 0.000000e+00 0.000000e+00 3.750000e-01
## [3266] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [3271] 0.000000e+00 0.000000e+00 0.000000e+00 3.500000e+00 0.000000e+00
## [3276] 0.000000e+00 4.375000e+00 3.875000e+00 2.074625e+03 0.000000e+00
## [3281] 0.000000e+00 3.601250e+02 1.375000e+00 0.000000e+00 0.000000e+00
## [3286] 0.000000e+00 5.538750e+02 9.916250e+02 0.000000e+00 5.847125e+03
## [3291] 0.000000e+00 9.875000e+00 4.129250e+03 2.179288e+04 1.950250e+03

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## [3296] 0.000000e+00 1.614000e+03 0.000000e+00 0.000000e+00 5.000000e-01
## [3301] 1.250000e-01 0.000000e+00 0.000000e+00 1.343750e+03 0.000000e+00
## [3306] 2.000000e+00 8.452375e+03 1.225000e+03 0.000000e+00 2.703750e+02
## [3311] 0.000000e+00 1.250000e-01 0.000000e+00 7.500000e-01 0.000000e+00
## [3316] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [3321] 3.848750e+02 0.000000e+00 1.455000e+02 3.500000e+00 0.000000e+00
## [3326] 0.000000e+00 4.224375e+03 0.000000e+00 2.179875e+03 1.250000e-01
## [3331] 3.625000e+00 0.000000e+00 0.000000e+00 0.000000e+00 9.987500e+01
## [3336] 0.000000e+00 0.000000e+00 1.962750e+03 6.375000e+01 1.260500e+03
## [3341] 1.125000e+00 2.795000e+02 0.000000e+00 3.700000e+01 0.000000e+00
## [3346] 3.362500e+01 4.591250e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [3351] 3.037000e+03 0.000000e+00 5.750000e+00 0.000000e+00 0.000000e+00
## [3356] 0.000000e+00 0.000000e+00 0.000000e+00 4.375000e+00 3.750000e+00
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## [3371] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3376] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01
## [3381] 0.000000e+00 6.250000e-01 0.000000e+00 1.385250e+03 0.000000e+00
## [3386] 0.000000e+00 2.500000e-01 8.750000e-01 0.000000e+00 0.000000e+00
## [3391] 1.875000e+00 0.000000e+00 2.485875e+03 0.000000e+00 0.000000e+00
## [3396] 3.625000e+00 0.000000e+00 4.750000e+00 0.000000e+00 0.000000e+00
## [3401] 6.030000e+02 1.250000e-01 3.555000e+02 0.000000e+00 1.625000e+00
## [3406] 0.000000e+00 0.000000e+00 4.679250e+03 4.008750e+02 0.000000e+00
## [3411] 9.000000e+00 1.202250e+03 0.000000e+00 3.750000e-01 2.834750e+03
## [3416] 0.000000e+00 1.954688e+04 1.780000e+03 0.000000e+00 0.000000e+00
## [3421] 1.228125e+03 3.125000e+00 1.819500e+03 6.224875e+03 4.472500e+02
## [3426] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3431] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00
## [3436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3441] 4.000000e+00 0.000000e+00 0.000000e+00 3.205625e+03 0.000000e+00
## [3446] 0.000000e+00 1.942875e+03 0.000000e+00 2.905000e+02 2.523750e+02
## [3451] 6.122500e+02 0.000000e+00 1.015750e+03 1.205000e+02 0.000000e+00
## [3456] 0.000000e+00 0.000000e+00 2.750000e+00 1.091250e+02 0.000000e+00
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## [3466] 0.000000e+00 0.000000e+00 4.100000e+01 3.987500e+02 2.500000e-01
## [3471] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+00 0.000000e+00
## [3476] 0.000000e+00 0.000000e+00 5.625000e+00 3.872625e+03 3.875000e+00
## [3481] 1.575000e+01 0.000000e+00 0.000000e+00 2.500000e-01 6.929225e+04
## [3486] 1.958675e+04 0.000000e+00 1.324138e+04 2.136000e+03 5.000000e-01
## [3491] 0.000000e+00 8.750000e-01 0.000000e+00 0.000000e+00 5.000000e-01
## [3496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [3521] 0.000000e+00 0.000000e+00 2.060000e+02 0.000000e+00 0.000000e+00
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## [3531] 2.500000e-01 0.000000e+00 7.750000e+00 0.000000e+00 0.000000e+00
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## [3541] 9.328750e+02 0.000000e+00 1.379250e+03 6.339125e+03 0.000000e+00
## [3546] 1.250000e-01 3.892500e+02 0.000000e+00 0.000000e+00 1.750000e+00
## [3551] 1.750000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3556] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 1.250000e-01
## [3561] 0.000000e+00 9.858750e+02 0.000000e+00 0.000000e+00 3.000000e+00

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## [3566] 2.066875e+03 2.055000e+02 0.000000e+00 0.000000e+00 3.297500e+02
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## [3576] 0.000000e+00 0.000000e+00 1.897500e+02 0.000000e+00 1.405000e+02
## [3581] 0.000000e+00 0.000000e+00 5.537500e+01 0.000000e+00 1.250000e-01
## [3586] 0.000000e+00 8.737500e+01 0.000000e+00 5.162500e+01 3.895000e+02
## [3591] 0.000000e+00 2.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3596] 0.000000e+00 2.500000e+00 4.750000e+00 0.000000e+00 3.298125e+03
## [3601] 9.640750e+03 5.168250e+03 6.439275e+04 0.000000e+00 3.127750e+04
## [3606] 0.000000e+00 5.000000e-01 0.000000e+00 2.500000e-01 1.700000e+01
## [3611] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [3616] 7.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3621] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3626] 8.375000e+00 5.000000e-01 3.750000e-01 1.625625e+03 0.000000e+00
## [3631] 2.625000e+00 1.312500e+01 2.500000e-01 2.875000e+00 0.000000e+00
## [3636] 0.000000e+00 0.000000e+00 0.000000e+00 2.955250e+03 0.000000e+00
## [3641] 1.250000e-01 2.180000e+02 0.000000e+00 2.450000e+02 1.500000e+00
## [3646] 4.779875e+03 2.287500e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [3651] 0.000000e+00 6.375000e+00 3.750000e-01 0.000000e+00 1.125125e+03
## [3656] 7.693750e+02 1.570212e+04 0.000000e+00 1.467375e+03 0.000000e+00
## [3661] 0.000000e+00 4.887500e+02 2.863750e+02 0.000000e+00 0.000000e+00
## [3666] 8.263750e+02 2.000000e+00 2.500000e-01 0.000000e+00 3.673875e+03
## [3671] 2.500000e-01 1.625000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3676] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3681] 7.190000e+02 1.560000e+02 0.000000e+00 0.000000e+00 1.838000e+03
## [3686] 0.000000e+00 0.000000e+00 0.000000e+00 3.375000e+00 1.638750e+02
## [3691] 0.000000e+00 7.666250e+02 7.600000e+01 0.000000e+00 0.000000e+00
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## [3701] 4.387500e+01 3.385000e+02 0.000000e+00 7.062500e+01 0.000000e+00
## [3706] 0.000000e+00 8.750000e-01 4.112500e+01 0.000000e+00 0.000000e+00
## [3711] 2.200000e+01 3.250000e+00 0.000000e+00 4.583250e+03 2.500000e-01
## [3716] 3.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3721] 5.000000e-01 1.965750e+03 0.000000e+00 2.062500e+01 6.308250e+03
## [3726] 0.000000e+00 6.186088e+04 0.000000e+00 9.486875e+03 0.000000e+00
## [3731] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [3736] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [3741] 0.000000e+00 2.912500e+01 0.000000e+00 6.250000e-01 0.000000e+00
## [3746] 5.000000e-01 0.000000e+00 1.250000e-01 1.740125e+03 0.000000e+00
## [3751] 3.250000e+00 2.794125e+03 4.387500e+01 0.000000e+00 2.625000e+00
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## [3796] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
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## [3806] 0.000000e+00 1.250000e-01 0.000000e+00 1.878750e+02 0.000000e+00
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## [3821] 0.000000e+00 6.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [3826] 2.845000e+02 5.150000e+01 6.000000e+01 0.000000e+00 3.137500e+01
## [3831] 4.535625e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [3836] 3.125000e+00 1.250000e-01 4.125000e+00 7.312500e+01 0.000000e+00
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## [3851] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 5.000000e-01
## [3856] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [3866] 0.000000e+00 1.162500e+01 0.000000e+00 0.000000e+00 3.750000e-01
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## [3876] 1.250000e+00 0.000000e+00 1.475000e+01 2.121750e+03 0.000000e+00
## [3881] 1.140000e+02 0.000000e+00 1.250000e-01 0.000000e+00 6.900000e+01
## [3886] 1.892500e+02 1.875000e+00 0.000000e+00 0.000000e+00 3.085125e+03
## [3891] 0.000000e+00 0.000000e+00 2.632500e+02 0.000000e+00 9.032000e+03
## [3896] 6.512500e+02 1.250000e-01 7.750000e+00 0.000000e+00 7.922500e+02
## [3901] 1.601250e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3906] 2.125000e+00 2.478750e+02 1.953750e+02 0.000000e+00 2.040625e+03
## [3911] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 1.250000e+00
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## [3941] 4.275000e+01 0.000000e+00 0.000000e+00 2.717500e+02 0.000000e+00
## [3946] 5.000000e-01 0.000000e+00 0.000000e+00 1.775000e+01 2.712500e+01
## [3951] 0.000000e+00 0.000000e+00 1.625000e+00 2.662500e+01 0.000000e+00
## [3956] 0.000000e+00 3.505750e+03 2.750000e+00 0.000000e+00 0.000000e+00
## [3961] 0.000000e+00 0.000000e+00 0.000000e+00 1.350000e+01 1.498950e+04
## [3966] 7.706125e+04 1.727000e+03 0.000000e+00 2.500000e-01 7.136425e+04
## [3971] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [3976] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [3981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
## [3986] 1.225000e+01 0.000000e+00 0.000000e+00 2.500000e-01 1.252750e+03
## [3991] 1.375000e+00 1.853750e+03 0.000000e+00 0.000000e+00 1.512500e+01
## [3996] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.250000e+00
## [4001] 0.000000e+00 0.000000e+00 1.125000e+00 0.000000e+00 4.762500e+01
## [4006] 2.131250e+02 0.000000e+00 3.040750e+03 2.378750e+02 0.000000e+00
## [4011] 0.000000e+00 5.913125e+03 8.577500e+02 1.250000e-01 0.000000e+00
## [4016] 1.001500e+03 0.000000e+00 5.500000e+00 1.480000e+02 0.000000e+00
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## [4026] 0.000000e+00 1.563250e+03 0.000000e+00 0.000000e+00 3.207500e+02
## [4031] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4036] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [4046] 0.000000e+00 0.000000e+00 1.552500e+02 0.000000e+00 3.612500e+01
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## [4086] 0.000000e+00 1.371038e+04 1.725000e+01 1.775125e+03 1.250000e-01
## [4091] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01
## [4096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4101] 2.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [4121] 2.000000e+00 8.662500e+01 0.000000e+00 0.000000e+00 1.415375e+03
## [4126] 2.666250e+02 0.000000e+00 3.025000e+01 0.000000e+00 0.000000e+00
## [4131] 3.926125e+03 6.625000e+00 0.000000e+00 1.073750e+02 0.000000e+00
## [4136] 2.587500e+02 8.858750e+02 1.250000e-01 1.250000e-01 0.000000e+00
## [4141] 0.000000e+00 0.000000e+00 7.875000e+01 0.000000e+00 1.250000e+00
## [4146] 0.000000e+00 1.124250e+03 0.000000e+00 4.000000e+01 3.175000e+02
## [4151] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4156] 0.000000e+00 2.625000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4161] 0.000000e+00 0.000000e+00 6.767500e+02 1.745000e+02 2.537500e+01
## [4166] 0.000000e+00 3.750000e+00 0.000000e+00 4.487500e+01 0.000000e+00
## [4171] 0.000000e+00 0.000000e+00 2.525000e+01 8.662500e+01 1.712500e+01
## [4176] 0.000000e+00 0.000000e+00 3.561250e+02 0.000000e+00 3.500000e+00
## [4181] 9.875000e+00 4.400000e+01 0.000000e+00 0.000000e+00 1.612500e+01
## [4186] 0.000000e+00 2.083750e+02 0.000000e+00 0.000000e+00 1.250000e-01
## [4191] 0.000000e+00 0.000000e+00 4.500000e+00 1.250000e-01 0.000000e+00
## [4196] 4.875000e+00 0.000000e+00 0.000000e+00 3.375000e+01 2.176375e+03
## [4201] 3.750000e-01 1.350000e+01 3.835875e+03 1.250000e-01 0.000000e+00
## [4206] 4.386162e+04 6.640000e+02 0.000000e+00 1.675875e+03 0.000000e+00
## [4211] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4216] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00
## [4221] 4.837500e+01 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
## [4226] 9.658750e+02 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00
## [4231] 6.062500e+01 0.000000e+00 1.250000e+00 0.000000e+00 0.000000e+00
## [4236] 3.500000e+00 1.039625e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [4241] 9.250000e+01 1.000000e+00 3.175000e+01 0.000000e+00 0.000000e+00
## [4246] 0.000000e+00 2.551250e+02 0.000000e+00 1.184125e+03 0.000000e+00
## [4251] 3.337500e+02 5.625000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [4256] 1.127500e+02 8.586250e+02 0.000000e+00 0.000000e+00 3.364000e+03
## [4261] 2.890000e+02 1.750000e+00 1.142500e+02 1.250000e-01 1.250000e-01
## [4266] 0.000000e+00 1.014625e+03 0.000000e+00 4.250000e+01 0.000000e+00
## [4271] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [4276] 0.000000e+00 0.000000e+00 0.000000e+00 4.375000e+00 0.000000e+00
## [4281] 0.000000e+00 6.750000e+01 0.000000e+00 0.000000e+00 1.598750e+02
## [4286] 0.000000e+00 0.000000e+00 3.250000e+00 2.550000e+01 6.310000e+02
## [4291] 1.425000e+01 0.000000e+00 0.000000e+00 7.250000e+01 0.000000e+00
## [4296] 1.125000e+00 3.487500e+01 3.777500e+02 0.000000e+00 0.000000e+00
## [4301] 9.125000e+00 2.112500e+01 2.888750e+02 1.250000e-01 0.000000e+00
## [4306] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 4.075000e+01
## [4311] 4.250000e+00 1.625000e+00 0.000000e+00 2.010625e+03 0.000000e+00
## [4316] 0.000000e+00 0.000000e+00 1.090000e+02 0.000000e+00 0.000000e+00
## [4321] 0.000000e+00 6.564088e+04 1.387500e+01 4.221250e+02 1.797250e+03
## [4326] 0.000000e+00 0.000000e+00 4.356162e+04 1.250000e-01 3.750000e-01
## [4331] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4336] 0.000000e+00 6.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [4341] 0.000000e+00 1.250000e-01 5.000000e-01 0.000000e+00 0.000000e+00
## [4346] 0.000000e+00 0.000000e+00 9.282500e+02 1.662500e+01 1.250000e-01
## [4351] 0.000000e+00 0.000000e+00 0.000000e+00 2.712500e+01 0.000000e+00
## [4356] 1.250000e-01 2.500000e+00 1.375000e+00 0.000000e+00 9.931250e+02
## [4361] 0.000000e+00 2.776250e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [4366] 1.174875e+03 1.687500e+01 0.000000e+00 1.000000e+00 6.175000e+01
## [4371] 0.000000e+00 1.250000e-01 2.060000e+02 3.542125e+03 7.512500e+01

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## [4376] 5.250000e+00 0.000000e+00 9.628750e+02 0.000000e+00 1.250000e-01
## [4381] 3.030000e+02 2.500000e-01 0.000000e+00 2.275000e+01 0.000000e+00
## [4386] 1.057125e+03 0.000000e+00 0.000000e+00 6.487500e+01 1.750000e+00
## [4391] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4396] 0.000000e+00 8.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4401] 0.000000e+00 0.000000e+00 3.625000e+00 3.587500e+01 0.000000e+00
## [4406] 0.000000e+00 1.487500e+02 6.685000e+02 0.000000e+00 1.375000e+01
## [4411] 0.000000e+00 7.000000e+00 0.000000e+00 2.850000e+01 0.000000e+00
## [4416] 4.277500e+02 2.125000e+00 6.750000e+01 0.000000e+00 0.000000e+00
## [4421] 4.212500e+02 0.000000e+00 3.750000e+01 0.000000e+00 1.250000e-01
## [4426] 2.512500e+01 0.000000e+00 0.000000e+00 5.375000e+00 0.000000e+00
## [4431] 2.500000e-01 4.375000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [4436] 0.000000e+00 0.000000e+00 1.500000e+00 1.930000e+03 3.000000e+00
## [4441] 3.264950e+04 5.367625e+03 0.000000e+00 0.000000e+00 2.500000e-01
## [4446] 0.000000e+00 1.075000e+01 0.000000e+00 1.334200e+04 3.386588e+04
## [4451] 0.000000e+00 0.000000e+00 2.750000e+00 0.000000e+00 0.000000e+00
## [4456] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4461] 0.000000e+00 0.000000e+00 0.000000e+00 9.916250e+02 0.000000e+00
## [4466] 3.937500e+01 0.000000e+00 0.000000e+00 1.250000e-01 6.250000e-01
## [4471] 0.000000e+00 0.000000e+00 0.000000e+00 1.081625e+03 0.000000e+00
## [4476] 4.375000e+01 0.000000e+00 4.125000e+00 0.000000e+00 8.750000e-01
## [4481] 1.383125e+03 2.213750e+02 0.000000e+00 8.400000e+01 0.000000e+00
## [4486] 0.000000e+00 1.475000e+01 0.000000e+00 6.250000e-01 0.000000e+00
## [4491] 0.000000e+00 4.500000e+00 8.013750e+02 3.081250e+02 5.287500e+01
## [4496] 0.000000e+00 1.250000e-01 4.189375e+03 0.000000e+00 0.000000e+00
## [4501] 2.150000e+01 0.000000e+00 9.737500e+01 2.458750e+02 0.000000e+00
## [4506] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 1.311375e+03
## [4511] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4516] 1.262500e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4521] 0.000000e+00 8.410000e+02 1.152500e+02 0.000000e+00 5.112500e+01
## [4526] 0.000000e+00 0.000000e+00 1.250000e+01 0.000000e+00 2.750000e+00
## [4531] 0.000000e+00 7.250000e+00 0.000000e+00 1.750000e+00 1.250000e-01
## [4536] 0.000000e+00 5.888750e+02 0.000000e+00 3.037500e+01 5.112500e+01
## [4541] 2.100000e+01 0.000000e+00 0.000000e+00 9.357500e+02 7.000000e+00
## [4546] 0.000000e+00 3.262500e+01 0.000000e+00 3.750000e-01 0.000000e+00
## [4551] 0.000000e+00 0.000000e+00 4.125000e+00 1.250000e-01 0.000000e+00
## [4556] 8.312500e+01 1.500000e+00 0.000000e+00 0.000000e+00 2.088625e+03
## [4561] 3.334512e+04 8.370500e+03 0.000000e+00 2.293762e+04 0.000000e+00
## [4566] 5.395000e+02 3.750000e-01 0.000000e+00 0.000000e+00 9.000000e+00
## [4571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4576] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.500000e+00
## [4581] 0.000000e+00 0.000000e+00 0.000000e+00 1.550000e+01 0.000000e+00
## [4586] 1.250000e-01 0.000000e+00 8.750000e-01 9.605000e+02 0.000000e+00
## [4591] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.700000e+01
## [4596] 0.000000e+00 0.000000e+00 1.047000e+03 0.000000e+00 3.625000e+00
## [4601] 3.750000e-01 0.000000e+00 0.000000e+00 1.862500e+01 2.797500e+02
## [4606] 0.000000e+00 0.000000e+00 1.271875e+03 4.737500e+01 0.000000e+00
## [4611] 0.000000e+00 0.000000e+00 9.712500e+02 3.750000e-01 2.310000e+02
## [4616] 0.000000e+00 6.362500e+01 0.000000e+00 3.873625e+03 4.250000e+00
## [4621] 0.000000e+00 0.000000e+00 0.000000e+00 3.362500e+01 0.000000e+00
## [4626] 1.284875e+03 6.250000e-01 0.000000e+00 1.081250e+02 2.910000e+02
## [4631] 1.725000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4636] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4641] 5.112500e+01 1.100000e+01 0.000000e+00 1.328750e+02 8.806250e+02

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## [4646] 0.000000e+00 0.000000e+00 2.125000e+00 0.000000e+00 0.000000e+00
## [4651] 7.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.175000e+01
## [4656] 7.615000e+02 6.300000e+01 1.625000e+00 0.000000e+00 0.000000e+00
## [4661] 0.000000e+00 0.000000e+00 0.000000e+00 1.580125e+03 0.000000e+00
## [4666] 0.000000e+00 0.000000e+00 3.375000e+00 6.012500e+01 3.262500e+01
## [4671] 0.000000e+00 3.250000e+01 4.500000e+00 0.000000e+00 6.250000e-01
## [4676] 0.000000e+00 0.000000e+00 2.028250e+03 0.000000e+00 0.000000e+00
## [4681] 0.000000e+00 0.000000e+00 0.000000e+00 5.901250e+02 7.375000e+00
## [4686] 8.180125e+03 0.000000e+00 6.688825e+04 0.000000e+00 6.885300e+04
## [4691] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4696] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.375000e+00
## [4701] 0.000000e+00 9.568750e+02 0.000000e+00 2.500000e-01 0.000000e+00
## [4706] 0.000000e+00 6.250000e-01 2.350000e+01 0.000000e+00 0.000000e+00
## [4711] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+00 0.000000e+00
## [4716] 5.000000e-01 9.135000e+02 0.000000e+00 0.000000e+00 3.587500e+01
## [4721] 0.000000e+00 1.751250e+02 0.000000e+00 1.475000e+01 1.247125e+03
## [4726] 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01 6.737500e+01
## [4731] 0.000000e+00 4.112500e+01 2.375000e+00 2.628750e+02 5.282500e+02
## [4736] 3.881375e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4741] 0.000000e+00 0.000000e+00 1.375000e+01 0.000000e+00 1.583750e+02
## [4746] 6.250000e-01 0.000000e+00 1.305250e+03 0.000000e+00 9.812500e+01
## [4751] 0.000000e+00 0.000000e+00 0.000000e+00 3.312500e+01 0.000000e+00
## [4756] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4761] 9.236250e+02 0.000000e+00 5.637500e+01 0.000000e+00 6.725000e+01
## [4766] 1.750000e+00 0.000000e+00 0.000000e+00 9.375000e+00 0.000000e+00
## [4771] 0.000000e+00 4.500000e+00 1.750000e+00 0.000000e+00 0.000000e+00
## [4776] 8.320000e+02 0.000000e+00 5.162500e+01 3.187500e+01 0.000000e+00
## [4781] 5.375000e+01 0.000000e+00 2.456125e+03 2.500000e-01 0.000000e+00
## [4786] 0.000000e+00 4.750000e+00 1.925000e+01 0.000000e+00 0.000000e+00
## [4791] 5.937500e+01 1.906875e+03 7.500000e-01 0.000000e+00 0.000000e+00
## [4796] 0.000000e+00 3.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4801] 5.000000e-01 2.014800e+04 0.000000e+00 0.000000e+00 7.250000e+00
## [4806] 3.157425e+04 1.250000e-01 1.001812e+04 8.950750e+03 0.000000e+00
## [4811] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4816] 4.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4821] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 2.087500e+01
## [4826] 0.000000e+00 0.000000e+00 0.000000e+00 8.680000e+02 0.000000e+00
## [4831] 0.000000e+00 8.603750e+02 0.000000e+00 0.000000e+00 2.225000e+01
## [4836] 1.250000e-01 0.000000e+00 2.875000e+00 3.750000e-01 0.000000e+00
## [4841] 1.001250e+02 0.000000e+00 6.600000e+01 1.320125e+03 6.250000e-01
## [4846] 5.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4851] 2.846250e+02 0.000000e+00 2.212500e+01 2.500000e-01 0.000000e+00
## [4856] 2.750000e+00 0.000000e+00 0.000000e+00 4.349000e+03 2.997500e+02
## [4861] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 1.177500e+02
## [4866] 0.000000e+00 1.087500e+01 8.087500e+01 1.598750e+03 8.750000e-01
## [4871] 0.000000e+00 4.150000e+01 1.250000e-01 0.000000e+00 0.000000e+00
## [4876] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4881] 0.000000e+00 7.737500e+01 3.912500e+01 0.000000e+00 0.000000e+00
## [4886] 4.500000e+00 0.000000e+00 1.200000e+03 0.000000e+00 1.625000e+00
## [4891] 9.475000e+01 0.000000e+00 1.250000e-01 1.283375e+03 1.250000e+00
## [4896] 2.750000e+00 0.000000e+00 1.862500e+01 0.000000e+00 0.000000e+00
## [4901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.225000e+01
## [4906] 1.250000e-01 7.762500e+01 2.250000e+00 1.250000e-01 4.711750e+03
## [4911] 0.000000e+00 4.312500e+01 0.000000e+00 5.000000e-01 0.000000e+00

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## [4916] 3.125000e+00 0.000000e+00 0.000000e+00 1.773875e+03 1.250000e-01
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## [4931] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4936] 4.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4941] 2.937500e+01 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [4946] 7.783750e+02 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [4951] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [4956] 1.125000e+00 0.000000e+00 2.687500e+01 7.890000e+02 0.000000e+00
## [4961] 1.250000e-01 7.212500e+01 0.000000e+00 4.625000e+00 0.000000e+00
## [4966] 1.207375e+03 6.737500e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [4971] 0.000000e+00 0.000000e+00 2.875000e+00 0.000000e+00 2.032500e+02
## [4976] 3.262500e+02 0.000000e+00 1.825000e+01 4.337125e+03 0.000000e+00
## [4981] 7.500000e-01 0.000000e+00 1.345000e+02 0.000000e+00 6.875000e+00
## [4986] 0.000000e+00 1.690750e+03 0.000000e+00 0.000000e+00 6.125000e+01
## [4991] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [4996] 0.000000e+00 4.150000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [5001] 0.000000e+00 1.250000e-01 1.305375e+03 0.000000e+00 4.375000e+00
## [5006] 0.000000e+00 2.837500e+01 1.625000e+00 9.050000e+01 0.000000e+00
## [5011] 0.000000e+00 0.000000e+00 1.130000e+02 0.000000e+00 0.000000e+00
## [5016] 1.250000e+00 3.625000e+00 1.162500e+01 1.514125e+03 0.000000e+00
## [5021] 3.842750e+03 1.352500e+02 0.000000e+00 2.000000e+00 0.000000e+00
## [5026] 0.000000e+00 3.750000e-01 8.250000e+00 0.000000e+00 2.500000e-01
## [5031] 1.500000e+00 0.000000e+00 1.613000e+03 0.000000e+00 5.625000e+01
## [5036] 0.000000e+00 0.000000e+00 0.000000e+00 1.625000e+00 0.000000e+00
## [5041] 2.925575e+04 2.012862e+04 2.500000e-01 1.250000e-01 0.000000e+00
## [5046] 3.333825e+04 8.725000e+03 0.000000e+00 0.000000e+00 7.875000e+00
## [5051] 0.000000e+00 0.000000e+00 5.250000e+00 0.000000e+00 0.000000e+00
## [5056] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5061] 0.000000e+00 1.262500e+01 8.870000e+02 0.000000e+00 1.250000e-01
## [5066] 0.000000e+00 1.250000e-01 2.500000e-01 0.000000e+00 0.000000e+00
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## [5076] 0.000000e+00 0.000000e+00 5.000000e-01 8.063750e+02 0.000000e+00
## [5081] 0.000000e+00 0.000000e+00 6.700000e+01 0.000000e+00 0.000000e+00
## [5086] 0.000000e+00 6.725000e+01 3.750000e-01 4.250000e+00 1.338125e+03
## [5091] 0.000000e+00 0.000000e+00 0.000000e+00 5.233875e+03 3.433750e+02
## [5096] 0.000000e+00 1.187500e+01 2.375000e+00 1.250000e-01 2.602500e+02
## [5101] 8.750000e-01 0.000000e+00 2.113250e+03 1.758750e+02 0.000000e+00
## [5106] 7.562500e+01 0.000000e+00 6.625000e+00 0.000000e+00 0.000000e+00
## [5111] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [5116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.312500e+01
## [5121] 1.411250e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.875000e+00
## [5126] 2.500000e+00 1.543750e+03 0.000000e+00 2.950000e+01 1.250000e-01
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## [5136] 2.375000e+00 2.022500e+02 0.000000e+00 1.537500e+01 0.000000e+00
## [5141] 4.161750e+03 0.000000e+00 0.000000e+00 6.250000e-01 1.250000e-01
## [5146] 1.328750e+02 0.000000e+00 0.000000e+00 0.000000e+00 7.750000e+00
## [5151] 1.761750e+03 1.125000e+00 0.000000e+00 0.000000e+00 2.875000e+01
## [5156] 1.250000e-01 6.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [5161] 0.000000e+00 2.500000e-01 1.180675e+04 3.238700e+04 2.132775e+04
## [5166] 6.250000e-01 1.062500e+01 0.000000e+00 2.682325e+04 0.000000e+00
## [5171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5176] 0.000000e+00 2.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5181] 3.750000e-01 7.418750e+02 0.000000e+00 0.000000e+00 0.000000e+00

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## [5186] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 1.050000e+01
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## [5196] 0.000000e+00 2.625000e+00 7.730000e+02 1.250000e-01 3.750000e-01
## [5201] 6.400000e+01 8.750000e-01 4.250000e+00 0.000000e+00 1.090000e+02
## [5206] 0.000000e+00 1.561125e+03 0.000000e+00 0.000000e+00 0.000000e+00
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## [5216] 1.250000e-01 5.714000e+03 2.500000e-01 0.000000e+00 0.000000e+00
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## [5231] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5236] 0.000000e+00 4.187500e+01 0.000000e+00 1.250000e-01 0.000000e+00
## [5241] 3.187500e+01 9.825000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [5246] 1.333000e+03 2.750000e+00 0.000000e+00 2.625000e+00 0.000000e+00
## [5251] 0.000000e+00 1.375000e+00 1.250000e-01 1.763750e+02 0.000000e+00
## [5256] 9.875000e+00 1.691625e+03 2.500000e+00 0.000000e+00 0.000000e+00
## [5261] 1.125000e+00 0.000000e+00 2.788375e+03 0.000000e+00 6.000000e+00
## [5266] 6.250000e-01 9.887500e+01 1.250000e-01 0.000000e+00 0.000000e+00
## [5271] 1.250000e-01 3.125000e+00 0.000000e+00 6.250000e-01 0.000000e+00
## [5276] 0.000000e+00 1.559125e+03 0.000000e+00 0.000000e+00 2.737500e+01
## [5281] 0.000000e+00 1.375000e+00 0.000000e+00 0.000000e+00 4.052950e+04
## [5286] 0.000000e+00 1.538820e+05 2.606638e+04 1.062500e+01 2.839900e+04
## [5291] 0.000000e+00 0.000000e+00 0.000000e+00 5.875000e+00 0.000000e+00
## [5296] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5301] 0.000000e+00 0.000000e+00 0.000000e+00 1.014125e+03 3.750000e-01
## [5306] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 9.875000e+00
## [5311] 0.000000e+00 0.000000e+00 1.375000e+01 0.000000e+00 2.875000e+00
## [5316] 0.000000e+00 1.052875e+03 0.000000e+00 0.000000e+00 8.750000e-01
## [5321] 3.750000e-01 0.000000e+00 0.000000e+00 3.500000e+00 0.000000e+00
## [5326] 0.000000e+00 0.000000e+00 2.430875e+03 7.625000e+01 1.007500e+02
## [5331] 5.556250e+02 0.000000e+00 2.250000e+00 1.250000e-01 0.000000e+00
## [5336] 1.375000e+01 1.024862e+04 0.000000e+00 3.875000e+02 0.000000e+00
## [5341] 3.000000e+02 1.250000e-01 0.000000e+00 5.000000e-01 6.375000e+00
## [5346] 0.000000e+00 1.062500e+02 0.000000e+00 0.000000e+00 4.354625e+03
## [5351] 0.000000e+00 0.000000e+00 1.055000e+02 0.000000e+00 1.250000e-01
## [5356] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5361] 2.408750e+02 3.750000e-01 4.125000e+00 0.000000e+00 0.000000e+00
## [5366] 0.000000e+00 0.000000e+00 2.500000e+00 3.050000e+01 3.176625e+03
## [5371] 3.125000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [5376] 2.500000e+00 3.932375e+03 3.826250e+02 9.875000e+00 0.000000e+00
## [5381] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [5386] 2.110000e+02 8.750000e-01 6.500000e+00 4.255875e+03 6.250000e-01
## [5391] 0.000000e+00 0.000000e+00 2.375000e+01 0.000000e+00 2.178375e+03
## [5396] 0.000000e+00 1.000000e+00 0.000000e+00 3.250000e+00 0.000000e+00
## [5401] 0.000000e+00 7.500000e-01 5.935000e+02 3.750000e-01 0.000000e+00
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## [5416] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.150000e+01
## [5421] 1.498750e+03 1.012500e+01 0.000000e+00 0.000000e+00 2.500000e-01
## [5426] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
## [5431] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [5436] 3.375000e+00 0.000000e+00 1.800000e+01 1.846875e+03 0.000000e+00
## [5441] 5.500000e+00 0.000000e+00 1.250000e-01 2.500000e-01 0.000000e+00
## [5446] 4.506625e+03 9.050000e+01 0.000000e+00 0.000000e+00 8.550000e+01
## [5451] 0.000000e+00 0.000000e+00 1.250000e-01 1.122625e+03 0.000000e+00

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## [5471] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [5476] 0.000000e+00 0.000000e+00 1.250000e-01 1.826250e+02 0.000000e+00
## [5481] 6.000000e+00 7.506375e+03 0.000000e+00 1.250000e-01 5.903750e+02
## [5486] 0.000000e+00 2.375000e+00 4.012500e+01 0.000000e+00 0.000000e+00
## [5491] 0.000000e+00 1.250000e-01 0.000000e+00 8.079250e+03 0.000000e+00
## [5496] 3.875000e+00 1.375000e+01 3.625000e+00 1.250000e-01 8.707500e+02
## [5501] 1.375000e+00 0.000000e+00 5.375000e+00 6.187500e+03 1.250000e-01
## [5506] 0.000000e+00 3.743750e+02 3.750000e-01 0.000000e+00 0.000000e+00
## [5511] 6.250000e-01 0.000000e+00 0.000000e+00 3.539750e+03 0.000000e+00
## [5516] 0.000000e+00 0.000000e+00 2.850000e+01 3.625000e+00 0.000000e+00
## [5521] 0.000000e+00 0.000000e+00 1.038296e+05 1.187500e+01 3.798750e+02
## [5526] 2.966462e+04 1.625000e+00 1.250000e-01 0.000000e+00 5.283325e+04
## [5531] 0.000000e+00 0.000000e+00 0.000000e+00 1.437500e+01 0.000000e+00
## [5536] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5541] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [5546] 1.808375e+03 1.250000e-01 9.000000e+00 0.000000e+00 1.250000e-01
## [5551] 6.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5556] 1.437500e+01 1.579250e+03 2.750000e+00 0.000000e+00 0.000000e+00
## [5561] 4.250000e+00 0.000000e+00 0.000000e+00 4.800000e+01 0.000000e+00
## [5566] 4.848000e+03 1.250000e-01 0.000000e+00 7.537500e+01 8.750000e-01
## [5571] 0.000000e+00 1.275000e+01 2.062500e+02 1.250000e-01 0.000000e+00
## [5576] 0.000000e+00 2.500000e+00 2.480225e+04 3.750000e-01 1.673875e+03
## [5581] 0.000000e+00 2.500000e-01 1.436338e+04 1.209375e+03 0.000000e+00
## [5586] 0.000000e+00 0.000000e+00 6.875000e+00 2.375000e+00 7.300000e+01
## [5591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.868750e+02
## [5596] 0.000000e+00 0.000000e+00 1.250000e-01 1.250000e-01 0.000000e+00
## [5601] 1.390088e+04 0.000000e+00 3.650000e+01 4.750000e+00 0.000000e+00
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## [5616] 0.000000e+00 1.238400e+04 3.500000e+00 1.231375e+03 2.000000e+00
## [5621] 0.000000e+00 6.621125e+03 1.000000e+00 0.000000e+00 4.250000e+00
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## [5631] 2.500000e-01 2.875000e+00 0.000000e+00 0.000000e+00 3.88875e+03
## [5636] 0.000000e+00 0.000000e+00 8.750000e-01 0.000000e+00 2.350000e+01
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## [5646] 8.750000e+00 2.301250e+02 1.118305e+05 1.500000e+00 5.000000e-01
## [5651] 0.000000e+00 0.000000e+00 2.487500e+01 3.750000e-01 0.000000e+00
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## [5661] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 6.000000e+00
## [5666] 2.388125e+03 3.750000e-01 0.000000e+00 0.000000e+00 1.250000e-01
## [5671] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00
## [5676] 8.875000e+00 0.000000e+00 0.000000e+00 1.236625e+03 5.000000e-01
## [5681] 0.000000e+00 2.612500e+01 5.371750e+03 7.662500e+01 0.000000e+00
## [5686] 7.500000e-01 0.000000e+00 0.000000e+00 2.625000e+00 0.000000e+00
## [5691] 2.836338e+04 2.739625e+03 1.221250e+02 0.000000e+00 2.000000e+00
## [5696] 5.000000e-01 0.000000e+00 1.250000e-01 1.250000e-01 1.450000e+01
## [5701] 1.749300e+04 4.550000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [5706] 0.000000e+00 2.500000e-01 2.298375e+03 1.125000e+00 8.000000e+00
## [5711] 7.500000e-01 0.000000e+00 1.936125e+03 1.250000e-01 0.000000e+00
## [5716] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5721] 0.000000e+00 4.125000e+00 1.642988e+04 0.000000e+00 3.375000e+00

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## [5726] 0.000000e+00 1.817750e+03 1.250000e-01 2.275000e+01 2.500000e-01
## [5731] 1.247625e+03 0.000000e+00 0.000000e+00 8.750000e+00 2.500000e-01
## [5736] 1.250000e+00 0.000000e+00 3.750000e-01 3.375000e+00 1.171525e+04
## [5741] 1.375000e+00 2.500000e-01 4.603750e+02 0.000000e+00 0.000000e+00
## [5746] 0.000000e+00 4.875000e+00 0.000000e+00 5.547250e+03 1.250000e-01
## [5751] 5.585750e+03 1.600000e+01 0.000000e+00 0.000000e+00 2.500000e-01
## [5756] 0.000000e+00 7.500000e-01 6.250000e-01 0.000000e+00 0.000000e+00
## [5761] 3.358225e+04 1.590000e+02 1.875000e+00 3.455111e+05 0.000000e+00
## [5766] 4.375000e+00 1.250000e-01 2.500000e-01 2.200000e+01 0.000000e+00
## [5771] 0.000000e+00 0.000000e+00 0.000000e+00 3.037500e+01 0.000000e+00
## [5776] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [5781] 8.750000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [5786] 2.822875e+03 0.000000e+00 1.250000e-01 1.250000e-01 0.000000e+00
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## [5806] 5.930125e+03 2.250000e+00 0.000000e+00 2.500000e-01 9.125000e+01
## [5811] 0.000000e+00 8.137500e+01 3.224125e+03 1.250000e-01 1.875000e+00
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## [5831] 0.000000e+00 0.000000e+00 4.750000e+00 0.000000e+00 0.000000e+00
## [5836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.562875e+03
## [5841] 0.000000e+00 6.250000e-01 0.000000e+00 1.943375e+03 4.000000e+00
## [5846] 1.492375e+04 0.000000e+00 0.000000e+00 1.125000e+00 1.575000e+01
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## [5856] 1.875000e+00 0.000000e+00 5.000000e-01 9.710000e+03 0.000000e+00
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## [5871] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01
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## [5881] 6.750000e+00 1.665000e+02 1.125000e+00 3.750000e-01 3.312525e+04
## [5886] 4.376038e+04 0.000000e+00 0.000000e+00 2.021095e+05 2.500000e-01
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## [5896] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.912500e+01
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## [5916] 1.250000e-01 0.000000e+00 1.237500e+01 0.000000e+00 1.724625e+03
## [5921] 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [5926] 7.837500e+01 1.650000e+01 1.250000e-01 0.000000e+00 6.345375e+03
## [5931] 5.000000e+00 1.250000e-01 0.000000e+00 8.712500e+01 3.750000e-01
## [5936] 3.314875e+03 2.783038e+04 2.875000e+00 2.500000e-01 0.000000e+00
## [5941] 0.000000e+00 1.392425e+04 0.000000e+00 1.500000e+00 1.250000e-01
## [5946] 2.500000e-01 3.562500e+01 2.683375e+03 7.500000e-01 0.000000e+00
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## [5976] 1.250000e-01 6.453875e+03 7.500000e-01 0.000000e+00 7.250000e+00
## [5981] 3.000000e+00 0.000000e+00 0.000000e+00 2.927500e+02 0.000000e+00
## [5986] 3.750000e-01 0.000000e+00 3.750000e-01 0.000000e+00 2.411375e+03
## [5991] 0.000000e+00 5.000000e-01 1.250000e-01 2.250000e+01 6.250000e-01

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## [5996] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 6.518000e+03
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## [6011] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6016] 4.762500e+01 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [6026] 0.000000e+00 3.750000e-01 0.000000e+00 7.875000e+00 0.000000e+00
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## [6036] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
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## [6076] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [6126] 0.000000e+00 1.412500e+02 6.250000e+00 2.500000e-01 2.500000e-01
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## [6136] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6141] 3.750000e-01 2.625000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6146] 0.000000e+00 0.000000e+00 0.000000e+00 2.358750e+03 0.000000e+00
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## [6166] 1.662500e+01 0.000000e+00 0.000000e+00 1.250000e-01 1.250000e-01
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## [6216] 2.360000e+02 0.000000e+00 4.125000e+00 1.000000e+00 1.250000e-01
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## [6226] 0.000000e+00 1.141250e+02 1.101625e+03 0.000000e+00 2.500000e-01
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## [6241] 1.802500e+02 0.000000e+00 1.250000e-01 0.000000e+00 2.149438e+04
## [6246] 3.375000e+00 1.195730e+05 2.098000e+03 3.750000e-01 6.250000e-01
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## [6256] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6261] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [6266] 2.500000e+00 0.000000e+00 0.000000e+00 3.750000e-01 2.187250e+03
## [6271] 1.262375e+03 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [6276] 3.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6281] 2.500000e-01 0.000000e+00 7.500000e-01 1.975000e+01 0.000000e+00
## [6286] 2.587500e+01 0.000000e+00 3.078375e+03 2.500000e-01 0.000000e+00
## [6291] 1.013600e+04 9.688750e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [6296] 9.962500e+01 1.750000e+00 3.750000e-01 1.250000e+00 1.250000e-01
## [6301] 0.000000e+00 3.750000e-01 7.500000e-01 5.941250e+02 4.091000e+03
## [6306] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.975000e+01
## [6311] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6316] 2.042125e+03 0.000000e+00 2.500000e-01 1.250000e-01 0.000000e+00
## [6321] 0.000000e+00 2.503625e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [6326] 1.125000e+00 2.500000e-01 1.550000e+01 3.122500e+02 6.250000e-01
## [6331] 0.000000e+00 1.250000e-01 0.000000e+00 1.317500e+02 1.112375e+03
## [6336] 1.250000e-01 0.000000e+00 3.750000e-01 4.625000e+00 0.000000e+00
## [6341] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 6.512500e+01
## [6346] 1.000000e+00 0.000000e+00 0.000000e+00 5.730000e+02 0.000000e+00
## [6351] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [6356] 1.250000e-01 5.514000e+03 0.000000e+00 5.750000e+00 6.250000e-01
## [6361] 3.625000e+00 1.250000e-01 1.617500e+02 1.015162e+04 0.000000e+00
## [6366] 1.125000e+00 5.000000e-01 0.000000e+00 2.250000e+00 7.269438e+04
## [6371] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6376] 0.000000e+00 3.950000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [6381] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.000000e+00
## [6386] 3.750000e-01 0.000000e+00 0.000000e+00 2.822625e+03 0.000000e+00
## [6391] 4.500000e+00 1.250000e-01 1.946625e+03 0.000000e+00 1.250000e-01
## [6396] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00
## [6401] 0.000000e+00 4.082500e+03 0.000000e+00 5.000000e-01 0.000000e+00
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## [6411] 2.500000e-01 1.250000e-01 0.000000e+00 2.125000e+00 1.315875e+04
## [6416] 9.412500e+01 0.000000e+00 0.000000e+00 1.375000e+00 1.394625e+03
## [6421] 2.500000e-01 2.812500e+01 0.000000e+00 1.250000e-01 4.727250e+03
## [6426] 6.250000e-01 8.155000e+02 3.750000e-01 1.250000e-01 0.000000e+00
## [6431] 0.000000e+00 0.000000e+00 1.875000e+00 0.000000e+00 0.000000e+00
## [6436] 1.250000e-01 0.000000e+00 2.548500e+03 0.000000e+00 1.250000e-01
## [6441] 0.000000e+00 0.000000e+00 4.940000e+02 2.500000e-01 0.000000e+00
## [6446] 3.750000e-01 1.162500e+01 5.000000e-01 0.000000e+00 2.808750e+03
## [6451] 0.000000e+00 0.000000e+00 1.278625e+03 1.437500e+02 0.000000e+00
## [6456] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 4.750000e+00
## [6461] 1.250000e-01 0.000000e+00 7.200000e+01 1.125000e+00 0.000000e+00
## [6466] 0.000000e+00 0.000000e+00 0.000000e+00 8.885000e+02 0.000000e+00
## [6471] 0.000000e+00 1.125000e+00 0.000000e+00 1.250000e-01 1.250000e-01
## [6476] 2.500000e-01 7.357250e+03 0.000000e+00 1.037500e+01 0.000000e+00
## [6481] 0.000000e+00 3.875000e+00 7.812500e+01 1.250000e+00 4.250000e+00
## [6486] 2.500000e-01 7.500000e-01 7.862688e+04 0.000000e+00 1.508675e+04
## [6491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6496] 0.000000e+00 1.111250e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [6501] 0.000000e+00 0.000000e+00 2.375000e+00 0.000000e+00 0.000000e+00
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## [6516] 0.000000e+00 5.500000e+00 0.000000e+00 2.500000e-01 0.000000e+00
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## [6526] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 9.250000e+00
## [6531] 0.000000e+00 1.679250e+03 0.000000e+00 4.087500e+01 0.000000e+00

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## [6551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e+00
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## [6561] 6.750000e+00 0.000000e+00 4.366250e+02 5.000000e-01 3.800750e+03
## [6566] 1.250000e-01 0.000000e+00 0.000000e+00 7.500000e-01 1.250000e-01
## [6571] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [6576] 1.778750e+02 2.500000e-01 3.375000e+00 1.947000e+03 5.000000e-01
## [6581] 2.500000e-01 2.500000e-01 1.250000e-01 0.000000e+00 0.000000e+00
## [6586] 9.000000e+01 1.145125e+03 0.000000e+00 1.250000e-01 2.000000e+00
## [6591] 0.000000e+00 0.000000e+00 6.310625e+03 0.000000e+00 6.250000e-01
## [6596] 0.000000e+00 9.125000e+00 0.000000e+00 2.500000e-01 0.000000e+00
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## [6621] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6626] 0.000000e+00 1.481000e+03 1.250000e+00 0.000000e+00 1.250000e-01
## [6631] 1.364125e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6636] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 2.625000e+00
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## [6646] 0.000000e+00 0.000000e+00 3.750000e-01 4.875000e+00 2.500000e-01
## [6651] 3.000000e+01 1.162500e+03 1.000000e+00 0.000000e+00 0.000000e+00
## [6656] 3.750000e-01 0.000000e+00 1.217188e+04 1.000000e+00 0.000000e+00
## [6661] 0.000000e+00 0.000000e+00 5.000000e-01 4.138875e+03 0.000000e+00
## [6666] 5.432500e+02 2.500000e-01 0.000000e+00 1.037500e+01 5.000000e-01
## [6671] 0.000000e+00 8.750000e-01 0.000000e+00 1.250000e-01 1.158125e+03
## [6676] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [6681] 2.450875e+03 2.477500e+02 5.375000e+00 0.000000e+00 2.500000e-01
## [6686] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 5.000000e-01
## [6691] 1.220750e+03 5.000000e-01 0.000000e+00 0.000000e+00 3.750000e-01
## [6696] 0.000000e+00 1.875000e+00 0.000000e+00 1.100000e+02 0.000000e+00
## [6701] 0.000000e+00 0.000000e+00 1.250000e-01 1.500000e+00 0.000000e+00
## [6706] 0.000000e+00 0.000000e+00 0.000000e+00 6.100000e+01 7.871250e+02
## [6711] 1.250000e-01 4.074000e+03 1.250000e-01 0.000000e+00 4.750000e+00
## [6716] 0.000000e+00 0.000000e+00 1.250000e-01 1.250000e-01 0.000000e+00
## [6721] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 4.452550e+04
## [6726] 3.800000e+01 1.665638e+04 2.625000e+00 1.250000e-01 5.190300e+04
## [6731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6736] 7.100000e+01 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [6741] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [6746] 0.000000e+00 0.000000e+00 1.250000e+00 1.249625e+03 0.000000e+00
## [6751] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.875000e+00
## [6756] 0.000000e+00 0.000000e+00 0.000000e+00 1.303250e+03 2.500000e-01
## [6761] 0.000000e+00 0.000000e+00 3.188625e+03 0.000000e+00 0.000000e+00
## [6766] 1.250000e-01 3.750000e+00 2.837500e+01 0.000000e+00 0.000000e+00
## [6771] 1.500000e+00 1.000000e+00 8.111250e+02 0.000000e+00 1.024075e+04
## [6776] 0.000000e+00 1.987500e+01 0.000000e+00 0.000000e+00 2.500000e-01
## [6781] 5.000000e-01 8.750000e-01 3.252875e+03 0.000000e+00 0.000000e+00
## [6786] 3.738750e+02 0.000000e+00 0.000000e+00 6.750000e+00 0.000000e+00
## [6791] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00
## [6796] 0.000000e+00 0.000000e+00 0.000000e+00 8.463750e+02 0.000000e+00
## [6801] 1.250000e-01 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00

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## [6806] 4.875000e+00 1.592500e+02 7.500000e-01 1.250000e-01 1.774625e+03
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## [6821] 0.000000e+00 4.037500e+01 1.125000e+00 0.000000e+00 0.000000e+00
## [6826] 7.260000e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [6831] 3.470250e+03 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [6836] 4.625000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [6841] 9.535125e+03 3.687425e+04 0.000000e+00 0.000000e+00 1.250000e-01
## [6846] 6.449538e+04 1.750000e+00 1.250000e-01 7.500000e-01 2.512500e+01
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## [6856] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6861] 1.138625e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6866] 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00
## [6871] 1.271500e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6876] 0.000000e+00 0.000000e+00 2.500000e+00 0.000000e+00 1.250000e-01
## [6881] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 3.500000e+00
## [6886] 0.000000e+00 2.462500e+01 3.750000e-01 0.000000e+00 3.864625e+03
## [6891] 7.500000e-01 1.325000e+01 1.125000e+00 1.250000e-01 0.000000e+00
## [6896] 8.241250e+02 1.076462e+04 3.750000e-01 0.000000e+00 0.000000e+00
## [6901] 0.000000e+00 3.066250e+03 6.250000e-01 3.640000e+02 4.000000e+00
## [6906] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [6911] 0.000000e+00 7.658750e+02 2.500000e-01 0.000000e+00 0.000000e+00
## [6916] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6921] 0.000000e+00 1.250000e-01 1.250000e-01 1.250000e-01 1.368750e+02
## [6926] 0.000000e+00 2.750000e+00 1.250000e-01 1.571000e+03 0.000000e+00
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## [6951] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [6956] 3.272000e+03 0.000000e+00 4.250000e+00 0.000000e+00 0.000000e+00
## [6961] 2.125000e+00 2.125000e+00 0.000000e+00 6.798750e+02 0.000000e+00
## [6966] 7.630688e+04 2.500000e-01 0.000000e+00 5.000000e-01 1.537500e+01
## [6971] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [6976] 0.000000e+00 0.000000e+00 6.537500e+01 0.000000e+00 0.000000e+00
## [6981] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 1.250000e-01
## [6986] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 9.103750e+02
## [6991] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 1.500000e+00
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## [7011] 2.500000e-01 7.875000e+00 3.733750e+02 1.125000e+00 0.000000e+00
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## [7066] 4.438750e+02 0.000000e+00 1.250000e-01 0.000000e+00 5.000000e-01
## [7071] 2.250000e+00 0.000000e+00 1.250000e-01 2.500000e-01 0.000000e+00

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## [7076] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 2.409000e+03
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## [7096] 0.000000e+00 0.000000e+00 9.462500e+01 0.000000e+00 0.000000e+00
## [7101] 0.000000e+00 0.000000e+00 0.000000e+00 6.273750e+02 0.000000e+00
## [7106] 0.000000e+00 8.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [7126] 0.000000e+00 8.250000e+00 0.000000e+00 0.000000e+00 3.750000e-01
## [7131] 0.000000e+00 6.250000e-01 2.540250e+03 4.000000e+00 0.000000e+00
## [7136] 7.500000e-01 1.798750e+02 0.000000e+00 0.000000e+00 1.250000e-01
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## [7161] 2.500000e-01 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [7166] 4.000000e+01 5.472500e+02 1.250000e+00 0.000000e+00 0.000000e+00
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## [7186] 0.000000e+00 1.312500e+01 5.000000e-01 0.000000e+00 0.000000e+00
## [7191] 3.250000e+00 1.759125e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [7196] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [7206] 3.053638e+04 1.747650e+04 1.625000e+00 1.387520e+05 0.000000e+00
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## [7221] 4.923750e+02 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [7226] 0.000000e+00 0.000000e+00 8.750000e-01 0.000000e+00 0.000000e+00
## [7231] 0.000000e+00 4.022500e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [7236] 8.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7241] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 6.033750e+02
## [7246] 8.875000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [7251] 0.000000e+00 1.750625e+03 1.086250e+02 0.000000e+00 3.750000e-01
## [7256] 3.750000e-01 1.250000e+00 0.000000e+00 3.125000e+00 0.000000e+00
## [7261] 6.250000e-01 2.500000e-01 0.000000e+00 2.500000e-01 1.625000e+00
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## [7281] 2.500000e-01 0.000000e+00 0.000000e+00 2.875000e+01 4.036250e+02
## [7286] 6.250000e-01 0.000000e+00 1.250000e-01 3.750000e-01 0.000000e+00
## [7291] 0.000000e+00 2.500000e-01 0.000000e+00 2.500000e-01 1.650000e+01
## [7296] 2.637500e+02 3.750000e-01 0.000000e+00 0.000000e+00 1.250000e-01
## [7301] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00
## [7306] 1.250000e-01 1.312500e+01 2.043750e+02 1.250000e-01 0.000000e+00
## [7311] 2.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [7316] 0.000000e+00 1.285750e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [7321] 0.000000e+00 1.538750e+02 2.487500e+02 4.250000e+00 0.000000e+00
## [7326] 0.000000e+00 1.250000e-01 1.000000e+00 5.375000e+00 6.972350e+04
## [7331] 0.000000e+00 6.075000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [7336] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7341] 0.000000e+00 6.250000e-01 0.000000e+00 3.542500e+02 0.000000e+00

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## [7346] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7351] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7356] 0.000000e+00 1.000000e+00 3.127500e+02 1.250000e-01 7.500000e-01
## [7361] 1.250000e-01 0.000000e+00 0.000000e+00 3.000000e+00 5.000000e-01
## [7366] 2.012500e+01 0.000000e+00 2.500000e-01 4.932500e+02 0.000000e+00
## [7371] 7.650000e+01 1.425875e+03 3.750000e-01 0.000000e+00 2.250000e+00
## [7376] 0.000000e+00 1.125000e+00 1.106250e+02 0.000000e+00 1.250000e-01
## [7381] 1.250000e-01 0.000000e+00 0.000000e+00 5.512500e+01 0.000000e+00
## [7386] 3.225000e+01 4.885000e+02 0.000000e+00 1.500000e+00 6.250000e-01
## [7391] 0.000000e+00 2.052500e+02 0.000000e+00 0.000000e+00 3.750000e-01
## [7396] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [7406] 0.000000e+00 3.612500e+02 3.837500e+01 1.250000e-01 0.000000e+00
## [7411] 1.000000e+00 1.362500e+01 1.912500e+01 1.250000e-01 0.000000e+00
## [7416] 0.000000e+00 2.500000e-01 0.000000e+00 2.315000e+02 0.000000e+00
## [7421] 5.000000e-01 1.793750e+02 4.875000e+00 1.250000e-01 1.250000e-01
## [7426] 0.000000e+00 5.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7431] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00
## [7436] 9.330000e+02 0.000000e+00 0.000000e+00 1.250000e-01 1.750000e+00
## [7441] 1.883691e+05 6.250000e-01 4.625000e+00 1.250000e-01 0.000000e+00
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## [7516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [7526] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 2.262500e+01
## [7531] 0.000000e+00 1.250000e-01 1.025000e+01 0.000000e+00 1.162500e+01
## [7536] 1.961250e+02 0.000000e+00 6.250000e-01 0.000000e+00 0.000000e+00
## [7541] 0.000000e+00 0.000000e+00 1.333750e+02 7.000000e+00 0.000000e+00
## [7546] 1.250000e-01 1.250000e-01 0.000000e+00 4.750000e+00 0.000000e+00
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## [7571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7576] 0.000000e+00 0.000000e+00 4.375000e+01 0.000000e+00 0.000000e+00
## [7581] 0.000000e+00 0.000000e+00 2.500000e-01 3.750000e-01 0.000000e+00
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## [7591] 0.000000e+00 1.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7596] 1.727500e+02 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00
## [7601] 0.000000e+00 3.071250e+02 0.000000e+00 0.000000e+00 4.500000e+00
## [7606] 1.625000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01
## [7611] 0.000000e+00 1.250000e+00 0.000000e+00 0.000000e+00 9.786250e+02

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## [7616] 0.000000e+00 5.887500e+01 2.575000e+01 2.500000e-01 2.500000e-01
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## [7631] 0.000000e+00 1.395000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [7636] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7641] 0.000000e+00 1.487500e+01 1.250000e-01 2.651250e+02 0.000000e+00
## [7646] 1.000000e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [7651] 6.000000e+00 3.750000e-01 1.250000e-01 1.250000e-01 1.906250e+02
## [7656] 0.000000e+00 9.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [7666] 0.000000e+00 1.311250e+02 1.250000e-01 1.250000e-01 2.125000e+00
## [7671] 0.000000e+00 0.000000e+00 5.778750e+02 0.000000e+00 1.500000e+00
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## [7681] 7.375000e+00 0.000000e+00 2.500000e-01 2.625000e+00 1.710000e+02
## [7686] 1.250000e-01 1.021250e+02 5.744912e+04 5.000000e-01 0.000000e+00
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## [7696] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [7706] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7711] 0.000000e+00 1.703750e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [7716] 0.000000e+00 1.250000e-01 0.000000e+00 5.000000e-01 0.000000e+00
## [7721] 3.247500e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.250000e+00
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## [7731] 1.375000e+00 5.000000e-01 4.800000e+01 0.000000e+00 2.500000e+00
## [7736] 1.036875e+03 0.000000e+00 1.250000e-01 6.962500e+01 0.000000e+00
## [7741] 4.003750e+02 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [7746] 0.000000e+00 0.000000e+00 3.750000e+01 1.375000e+00 2.325000e+01
## [7751] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7756] 8.862500e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7761] 0.000000e+00 2.907500e+02 2.500000e-01 0.000000e+00 0.000000e+00
## [7766] 3.075000e+01 0.000000e+00 0.000000e+00 1.337500e+01 1.750000e+00
## [7771] 1.612500e+01 0.000000e+00 8.750000e-01 0.000000e+00 0.000000e+00
## [7776] 1.937500e+02 0.000000e+00 1.250000e-01 1.250000e-01 1.037500e+01
## [7781] 0.000000e+00 5.125000e+00 0.000000e+00 1.250000e-01 1.226250e+02
## [7786] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 4.875000e+00
## [7791] 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01 4.930000e+02
## [7796] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [7801] 7.500000e-01 0.000000e+00 3.375000e+00 3.625000e+00 0.000000e+00
## [7806] 0.000000e+00 1.112500e+02 2.284125e+03 4.313825e+04 3.250562e+04
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## [7826] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7831] 0.000000e+00 6.250000e-01 0.000000e+00 1.250000e+00 0.000000e+00
## [7836] 1.573750e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7841] 8.000000e+00 0.000000e+00 3.061250e+02 2.500000e-01 1.250000e-01
## [7846] 0.000000e+00 1.875000e+00 5.000000e-01 0.000000e+00 0.000000e+00
## [7851] 5.050000e+01 0.000000e+00 3.750000e-01 1.500000e+00 4.525000e+01
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## [7876] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [7881] 1.250000e-01 0.000000e+00 1.375000e+01 2.500000e-01 1.250000e-01

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## [7911] 0.000000e+00 0.000000e+00 8.750000e-01 0.000000e+00 0.000000e+00
## [7916] 0.000000e+00 1.250000e+00 4.188750e+02 0.000000e+00 1.250000e-01
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## [7941] 0.000000e+00 0.000000e+00 1.522500e+02 1.250000e-01 3.750000e-01
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## [7951] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 3.750000e-01
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## [7981] 0.000000e+00 3.750000e-01 1.662500e+01 0.000000e+00 0.000000e+00
## [7986] 0.000000e+00 3.786250e+02 2.175000e+01 1.250000e+00 0.000000e+00
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## [8016] 8.625000e+00 2.110000e+02 0.000000e+00 2.500000e-01 1.175000e+01
## [8021] 1.535000e+02 3.750000e-01 3.125000e+00 0.000000e+00 0.000000e+00
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## [8031] 0.000000e+00 3.602500e+02 1.000000e+00 5.000000e-01 0.000000e+00
## [8036] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8041] 0.000000e+00 0.000000e+00 1.250000e+00 2.500000e-01 5.000000e+00
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## [8066] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [8076] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e+00 3.750000e-01
## [8081] 0.000000e+00 0.000000e+00 3.625000e+00 2.628750e+02 0.000000e+00
## [8086] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 1.500000e+00
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## [8096] 0.000000e+00 7.500000e-01 3.462500e+01 2.225000e+01 2.250000e+00
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## [8141] 3.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.500000e+00
## [8146] 0.000000e+00 0.000000e+00 1.548750e+02 1.250000e-01 0.000000e+00
## [8151] 5.000000e-01 0.000000e+00 1.250000e-01 0.000000e+00 1.750000e+00

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## [8176] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.012500e+01
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## [8186] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01
## [8191] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 1.250000e-01
## [8196] 1.250000e-01 1.110000e+02 7.500000e-01 0.000000e+00 0.000000e+00
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## [8206] 0.000000e+00 0.000000e+00 0.000000e+00 2.288750e+02 2.500000e-01
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## [8236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8241] 3.078750e+02 1.250000e-01 0.000000e+00 6.250000e-01 0.000000e+00
## [8246] 9.625000e+00 0.000000e+00 1.662500e+01 5.000000e-01 0.000000e+00
## [8251] 0.000000e+00 2.322500e+02 1.250000e-01 1.250000e-01 0.000000e+00
## [8256] 1.562500e+01 0.000000e+00 1.250000e-01 0.000000e+00 3.875000e+00
## [8261] 0.000000e+00 0.000000e+00 1.125000e+00 0.000000e+00 1.000000e+00
## [8266] 2.185000e+02 0.000000e+00 7.375000e+00 0.000000e+00 0.000000e+00
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## [8276] 0.000000e+00 2.977500e+02 1.000000e+00 0.000000e+00 1.250000e-01
## [8281] 5.375000e+00 1.250000e+00 0.000000e+00 0.000000e+00 6.025000e+01
## [8286] 3.750000e-01 1.482088e+04 2.791000e+03 1.375000e+00 5.000000e-01
## [8291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [8306] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8311] 1.250000e-01 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [8316] 0.000000e+00 1.097500e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [8321] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 5.625000e+00
## [8326] 5.000000e-01 2.511250e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [8331] 0.000000e+00 0.000000e+00 1.014750e+03 2.500000e-01 2.700000e+01
## [8336] 2.000000e+00 3.925000e+01 0.000000e+00 2.500000e-01 2.500000e-01
## [8341] 5.000000e-01 1.250000e-01 1.250000e-01 1.375000e+00 0.000000e+00
## [8346] 1.487500e+01 0.000000e+00 0.000000e+00 2.850000e+01 5.028750e+02
## [8351] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8356] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.450000e+01
## [8361] 0.000000e+00 6.250000e-01 3.917500e+02 0.000000e+00 2.500000e-01
## [8366] 1.250000e-01 0.000000e+00 7.375000e+00 0.000000e+00 2.062500e+01
## [8371] 6.250000e-01 0.000000e+00 1.887500e+01 3.750000e-01 3.750000e-01
## [8376] 3.750000e+00 0.000000e+00 1.250000e-01 0.000000e+00 3.050000e+02
## [8381] 1.250000e-01 1.625000e+00 3.750000e-01 2.500000e-01 2.500000e-01
## [8386] 1.262500e+01 3.255000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [8391] 0.000000e+00 0.000000e+00 3.008750e+02 0.000000e+00 0.000000e+00
## [8396] 0.000000e+00 0.000000e+00 6.250000e-01 2.500000e-01 0.000000e+00
## [8401] 5.666500e+03 0.000000e+00 4.125000e+00 2.890875e+03 8.750000e-01
## [8406] 0.000000e+00 1.625000e+00 0.000000e+00 3.750000e-01 4.937500e+01
## [8411] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8416] 0.000000e+00 0.000000e+00 1.725000e+01 0.000000e+00 0.000000e+00
## [8421] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.070000e+02

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## [8426] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [8436] 8.750000e-01 9.562500e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [8441] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
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## [8451] 1.250000e-01 0.000000e+00 2.262500e+01 5.000000e-01 4.112500e+01
## [8456] 0.000000e+00 0.000000e+00 7.500000e-01 1.031250e+03 1.375000e+00
## [8461] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 5.000000e-01
## [8466] 1.750000e+00 0.000000e+00 5.170000e+02 2.875000e+01 1.075000e+01
## [8471] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8476] 0.000000e+00 0.000000e+00 2.500000e-01 2.875000e+01 0.000000e+00
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## [8486] 0.000000e+00 1.250000e-01 0.000000e+00 1.825000e+01 0.000000e+00
## [8491] 1.887500e+01 0.000000e+00 1.250000e-01 1.250000e-01 3.375000e+02
## [8496] 0.000000e+00 3.250000e+00 0.000000e+00 0.000000e+00 2.500000e-01
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## [8516] 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00 2.500000e-01
## [8521] 2.937662e+04 2.250000e+00 2.500000e-01 5.000000e-01 8.892875e+03
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## [8541] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
## [8546] 0.000000e+00 0.000000e+00 1.250000e-01 1.026250e+02 0.000000e+00
## [8551] 0.000000e+00 0.000000e+00 0.000000e+00 8.750000e-01 0.000000e+00
## [8556] 0.000000e+00 1.002500e+02 1.250000e-01 0.000000e+00 2.500000e-01
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## [8581] 2.125000e+00 2.800000e+01 0.000000e+00 1.250000e-01 1.225000e+01
## [8586] 0.000000e+00 0.000000e+00 5.032500e+02 0.000000e+00 8.750000e-01
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## [8596] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
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## [8686] 0.000000e+00 4.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8691] 2.500000e-01 4.150000e+01 1.250000e-01 0.000000e+00 0.000000e+00

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## [8711] 2.662500e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8716] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [8726] 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [8736] 3.125000e+00 0.000000e+00 3.750000e-01 1.250000e-01 1.250000e-01
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## [8746] 1.750000e+00 5.000000e-01 0.000000e+00 7.375000e+00 1.250000e-01
## [8751] 1.125000e+00 2.372500e+02 1.250000e-01 5.000000e-01 0.000000e+00
## [8756] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [8766] 0.000000e+00 0.000000e+00 5.125000e+00 0.000000e+00 1.250000e-01
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## [8776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8781] 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [8786] 0.000000e+00 8.750000e+01 1.250000e-01 0.000000e+00 0.000000e+00
## [8791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.137500e+01
## [8796] 3.750000e-01 6.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [8801] 1.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [8806] 2.500000e-01 2.022500e+02 2.375000e+00 0.000000e+00 0.000000e+00
## [8811] 0.000000e+00 1.875000e+00 0.000000e+00 2.937500e+01 6.250000e-01
## [8816] 2.500000e-01 1.400000e+01 0.000000e+00 6.700000e+02 1.250000e-01
## [8821] 2.500000e-01 0.000000e+00 1.625000e+00 1.250000e-01 1.637500e+01
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## [8851] 2.750000e+00 2.500000e-01 2.248750e+02 0.000000e+00 0.000000e+00
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## [8981] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
## [8986] 1.137500e+01 1.250000e-01 0.000000e+00 1.625000e+00 4.791250e+02
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## [8996] 0.000000e+00 0.000000e+00 2.340000e+02 0.000000e+00 0.000000e+00
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## [9016] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [9331] 0.000000e+00 0.000000e+00 1.250000e-01 8.853750e+02 1.250000e-01
## [9336] 6.425000e+01 2.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [9341] 0.000000e+00 2.500000e-01 2.412500e+01 0.000000e+00 0.000000e+00
## [9346] 1.250000e-01 9.343750e+02 2.500000e-01 0.000000e+00 2.375000e+00
## [9351] 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01 3.737500e+02
## [9356] 0.000000e+00 2.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [9361] 5.523000e+03 1.000000e+00 2.500000e-01 6.703675e+04 0.000000e+00
## [9366] 3.111250e+02 0.000000e+00 2.500000e-01 6.500000e+00 1.625000e+00
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## [9376] 0.000000e+00 0.000000e+00 2.287500e+01 0.000000e+00 0.000000e+00
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## [9386] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [9396] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 1.250000e-01
## [9401] 1.000000e+00 0.000000e+00 0.000000e+00 8.750000e-01 0.000000e+00
## [9406] 3.875000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.856250e+02
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## [9416] 2.500000e-01 0.000000e+00 8.303750e+02 1.350000e+01 2.750000e+00
## [9421] 1.250000e-01 2.125000e+00 0.000000e+00 0.000000e+00 6.033750e+02
## [9426] 8.750000e-01 4.925000e+01 0.000000e+00 6.125000e+00 0.000000e+00
## [9431] 1.002500e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [9436] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
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## [9496] 0.000000e+00 0.000000e+00 2.150000e+01 0.000000e+00 0.000000e+00
## [9501] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 1.250000e-01

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## [9526] 0.000000e+00 0.000000e+00 0.000000e+00 2.625000e+00 3.750000e-01
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## [9536] 0.000000e+00 1.750000e+00 1.250000e-01 6.075000e+01 0.000000e+00
## [9541] 3.750000e-01 5.750000e+01 0.000000e+00 0.000000e+00 3.750000e-01
## [9546] 0.000000e+00 0.000000e+00 8.000000e+00 6.837500e+02 0.000000e+00
## [9551] 0.000000e+00 0.000000e+00 1.073750e+02 0.000000e+00 0.000000e+00
## [9556] 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00
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## [9576] 1.250000e-01 0.000000e+00 1.250000e-01 1.250000e-01 0.000000e+00
## [9581] 4.312500e+01 0.000000e+00 0.000000e+00 3.750000e-01 1.250000e-01
## [9586] 0.000000e+00 1.250000e-01 7.000000e+00 1.877875e+03 0.000000e+00
## [9591] 1.250000e-01 4.321250e+02 0.000000e+00 7.500000e-01 5.000000e-01
## [9596] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
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## [9646] 2.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [9651] 0.000000e+00 1.250000e-01 0.000000e+00 8.967500e+02 1.250000e-01
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## [9766] 0.000000e+00 0.000000e+00 1.515000e+02 1.375000e+00 0.000000e+00
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## [9831] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e+00
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## [10036] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [10041] 1.250000e-01 1.250000e-01 9.921250e+02 7.587500e+01 2.500000e-01

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## [10936] 0.000000e+00 0.000000e+00 0.000000e+00 1.625000e+00 4.875000e+01
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## [11356] 1.428750e+02 0.000000e+00 1.937500e+01 0.000000e+00 0.000000e+00
## [11361] 0.000000e+00 1.175000e+02 2.750000e+00 5.000000e-01 1.250000e-01
## [11366] 0.000000e+00 2.523875e+03 1.062500e+01 3.887500e+01 6.587500e+02
## [11371] 1.188750e+02 1.250000e-01 6.143750e+02 3.637500e+01 6.250000e-01
## [11376] 1.337500e+01 1.250000e-01 1.250000e+00 1.250000e-01 1.919625e+03
## [11381] 1.250000e-01 0.000000e+00 1.012500e+01 1.250000e+00 1.250000e-01
## [11386] 1.304750e+03 8.062500e+01 0.000000e+00 4.628750e+02 1.162500e+01
## [11391] 2.500000e-01 1.912500e+01 0.000000e+00 5.000000e-01 2.283750e+02

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## [11396] 0.000000e+00 0.000000e+00 0.000000e+00 2.663750e+02 0.000000e+00
## [11401] 2.100000e+02 1.000000e+00 3.250000e+00 1.262500e+01 6.250000e-01
## [11406] 3.750000e-01 1.003226e+05 2.650000e+01 1.298625e+03 6.252375e+04
## [11411] 2.025000e+01 0.000000e+00 0.000000e+00 3.750000e-01 5.000000e-01
## [11416] 0.000000e+00 0.000000e+00 3.750000e+00 0.000000e+00 0.000000e+00
## [11421] 0.000000e+00 6.075000e+01 0.000000e+00 0.000000e+00 5.500000e+00
## [11426] 0.000000e+00 1.250000e-01 1.250000e-01 1.161250e+02 0.000000e+00
## [11431] 0.000000e+00 0.000000e+00 6.800000e+01 2.500000e-01 1.625000e+00
## [11436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.525000e+01
## [11441] 2.875000e+01 1.125000e+00 2.500000e-01 2.500000e-01 0.000000e+00
## [11446] 2.408750e+02 0.000000e+00 1.250000e-01 3.875000e+00 5.000000e-01
## [11451] 5.625000e+00 0.000000e+00 3.750000e-01 2.251250e+02 7.500000e-01
## [11456] 4.375000e+00 3.450000e+01 0.000000e+00 2.612500e+01 1.653375e+03
## [11461] 1.250000e-01 1.250000e-01 5.375000e+00 7.500000e-01 2.335000e+02
## [11466] 2.750000e+00 2.887500e+01 3.550000e+01 1.321250e+03 1.250000e-01
## [11471] 2.750000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [11476] 0.000000e+00 0.000000e+00 0.000000e+00 1.200000e+01 1.177500e+02
## [11481] 0.000000e+00 1.250000e-01 1.750000e+00 5.687500e+01 6.000000e+00
## [11486] 1.594125e+03 6.250000e-01 2.762500e+01 3.113750e+02 3.750000e-01
## [11491] 4.450000e+01 1.000000e+00 1.250000e-01 3.750000e-01 2.730000e+02
## [11496] 0.000000e+00 1.250000e-01 2.775000e+01 7.375000e+00 1.164500e+03
## [11501] 1.250000e-01 7.485000e+02 3.125000e+00 3.750000e-01 5.625000e+00
## [11506] 2.268750e+02 5.000000e-01 3.475000e+01 0.000000e+00 0.000000e+00
## [11511] 1.998750e+02 0.000000e+00 0.000000e+00 2.140000e+02 2.500000e-01
## [11516] 1.250000e-01 0.000000e+00 1.250000e-01 1.037500e+01 3.750000e-01
## [11521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [11526] 0.000000e+00 1.532571e+03 0.000000e+00 2.500000e+00 2.716667e+01
## [11531] 1.683333e+01 1.766667e+01 1.766667e+01 8.116667e+01 0.000000e+00
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## [11541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [11546] 0.000000e+00 4.466667e+01 6.933333e+02 4.181667e+02 3.748333e+02
## [11551] 5.210000e+02 2.511167e+03 1.000000e+00 0.000000e+00 7.961667e+02
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## [11561] 0.000000e+00 0.000000e+00 0.000000e+00 9.285714e+00 3.333333e-01
## [11566] 2.423333e+02 4.333333e+00 2.528500e+03 2.333333e+00 1.522000e+03
## [11571] 1.666667e+00 1.282000e+03 1.666667e+00 1.737333e+03 5.000000e-01
## [11576] 9.240000e+03 0.000000e+00 4.666667e+00 0.000000e+00 0.000000e+00
## [11581] 3.333333e-01 2.942333e+03 3.333333e+00 1.153483e+04 6.450000e+02
## [11586] 0.000000e+00 0.000000e+00 0.000000e+00 2.933700e+04 0.000000e+00
## [11591] 0.000000e+00 0.000000e+00 9.760000e+02 2.533333e+01 4.528333e+02
## [11596] 6.471500e+03 3.221833e+03 1.843333e+02 2.190333e+03 8.183333e+01
## [11601] 1.601833e+03 7.666667e+00 5.335000e+03 5.000000e-01 4.400000e+01
## [11606] 1.666667e-01 0.000000e+00 0.000000e+00 6.096667e+02 7.563000e+03
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## [11616] 0.000000e+00 0.000000e+00 0.000000e+00 2.134000e+03 0.000000e+00
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## [11626] 2.540833e+03 3.700000e+01 1.696833e+03 3.666667e+00 1.178667e+03
## [11631] 8.333333e-01 3.795167e+03 0.000000e+00 3.983333e+01 0.000000e+00
## [11636] 0.000000e+00 1.950000e+02 5.816833e+03 1.233333e+01 5.580833e+03
## [11641] 5.012000e+03 6.857143e+03 3.242071e+04 0.000000e+00 0.000000e+00
## [11646] 0.000000e+00 0.000000e+00 0.000000e+00 5.255000e+02 5.716667e+01
## [11651] 9.331667e+02 4.889500e+03 2.680667e+03 3.951667e+02 2.335000e+02
## [11656] 2.007667e+03 2.416667e+01 2.005000e+03 4.166667e+00 9.530833e+03
## [11661] 1.266667e+01 0.000000e+00 0.000000e+00 0.000000e+00 5.533667e+03

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## [11666] 1.337833e+03 1.230800e+04 7.816667e+01 0.000000e+00 0.000000e+00
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## [11696] 3.333333e-01 4.616667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [11701] 8.861833e+03 1.120000e+03 3.133333e+01 9.416667e+01 1.466667e+01
## [11706] 8.193167e+03 3.123157e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [11711] 0.000000e+00 1.524757e+04 0.000000e+00 6.961429e+02 9.800000e+01
## [11716] 1.124000e+03 2.783333e+01 7.593667e+03 1.128500e+03 4.581667e+02
## [11721] 1.996667e+02 5.216667e+02 3.545500e+03 2.333333e+01 2.173500e+03
## [11726] 1.061667e+02 8.883333e+02 1.800000e+01 1.400000e+01 3.333333e+00
## [11731] 1.611333e+03 2.333333e+00 1.666667e-01 3.333333e-01 4.133333e+01
## [11736] 0.000000e+00 0.000000e+00 0.000000e+00 6.178333e+02 8.079500e+03
## [11741] 1.238000e+03 3.333333e+01 3.174500e+03 4.450000e+01 0.000000e+00
## [11746] 2.999600e+04 0.000000e+00 0.000000e+00 0.000000e+00 1.766900e+04
## [11751] 7.222857e+03 0.000000e+00 9.200000e+02 2.330000e+02 1.416667e+01
## [11756] 3.944000e+03 6.958000e+03 2.298333e+02 9.416667e+01 1.580167e+03
## [11761] 3.495167e+03 2.001667e+03 4.166667e+01 5.500000e+01 6.071667e+02
## [11766] 1.033333e+01 2.300000e+01 1.050000e+01 9.283333e+02 4.666667e+00
## [11771] 1.666667e-01 1.500000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [11776] 0.000000e+00 3.832167e+03 2.650000e+02 6.483167e+03 3.233333e+01
## [11781] 2.064000e+03 4.866667e+01 0.000000e+00 2.716571e+03 2.923557e+04
## [11786] 0.000000e+00 0.000000e+00 0.000000e+00 2.714243e+04 0.000000e+00
## [11791] 7.361667e+02 1.385000e+02 8.406667e+02 6.880667e+03 1.545167e+03
## [11796] 6.043500e+03 7.695000e+02 2.621167e+03 3.281833e+03 2.302833e+03
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## [11836] 2.374333e+03 3.216000e+03 4.510000e+02 3.279000e+03 1.365833e+03
## [11841] 1.881667e+02 1.580500e+03 1.203167e+03 1.395000e+03 1.601667e+02
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## [11911] 3.564000e+03 1.195000e+02 1.062667e+03 3.793833e+03 2.546667e+02
## [11916] 1.524500e+03 4.357167e+03 6.663500e+03 7.273333e+02 3.258333e+02
## [11921] 1.166550e+04 9.386667e+03 5.000000e-01 2.183333e+01 0.000000e+00
## [11926] 0.000000e+00 0.000000e+00 0.000000e+00 6.508333e+02 3.599333e+03
## [11931] 2.028333e+02 2.316667e+01 3.583333e+01 2.497000e+03 0.000000e+00

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## [11936] 4.567071e+04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [11966] 0.000000e+00 6.635000e+02 3.130000e+02 2.364667e+03 0.000000e+00
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## [11976] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [11986] 7.398333e+02 4.706667e+02 2.155333e+03 5.063333e+02 3.998167e+03
## [11991] 1.562333e+03 5.689667e+03 3.823833e+03 2.941033e+04 6.543667e+03
## [11996] 1.166067e+04 1.191000e+03 1.822833e+03 8.333333e-01 1.833333e+00
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## [12006] 1.148333e+02 3.758333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [12011] 4.994429e+03 0.000000e+00 5.142857e+03 0.000000e+00 0.000000e+00
## [12016] 7.808886e+04 0.000000e+00 3.754071e+04 1.283333e+02 2.966667e+01
## [12021] 7.821667e+02 1.186667e+02 3.307167e+03 5.776667e+02 9.361667e+02
## [12026] 3.179667e+03 4.828333e+02 9.389167e+03 1.436000e+03 6.154333e+03
## [12031] 1.919833e+03 2.044117e+04 2.197350e+04 1.282167e+03 9.349333e+03
## [12036] 9.851667e+02 5.000000e-01 1.100000e+01 3.333333e-01 0.000000e+00
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## [12046] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [12051] 1.197029e+04 1.391014e+04 0.000000e+00 0.000000e+00 8.395829e+04
## [12056] 0.000000e+00 6.000000e+00 7.660000e+02 2.243333e+02 3.794500e+03
## [12061] 7.583333e+01 8.446667e+02 7.181500e+03 9.193333e+02 1.015667e+03
## [12066] 4.628333e+03 3.902500e+03 2.038617e+04 1.468333e+03 1.944683e+04
## [12071] 4.326167e+03 1.526333e+03 3.355000e+02 4.471667e+02 1.783333e+01
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## [12081] 7.233333e+02 3.103333e+02 3.166667e+01 0.000000e+00 0.000000e+00
## [12086] 0.000000e+00 0.000000e+00 0.000000e+00 4.738143e+03 1.145786e+04
## [12091] 1.077510e+05 0.000000e+00 6.462014e+04 0.000000e+00 1.023833e+03
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## [12106] 8.833333e+01 1.061500e+03 6.905000e+03 3.221283e+04 9.483333e+01
## [12111] 7.573833e+03 9.360000e+02 1.081000e+03 7.800000e+01 1.758333e+02
## [12116] 3.695000e+03 6.336667e+02 3.735000e+02 3.333333e-01 1.666667e-01
## [12121] 1.666667e-01 3.200000e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [12131] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [12141] 1.308189e+05 3.036143e+03 1.360000e+02 8.716667e+01 6.083333e+01
## [12146] 1.018500e+03 6.993333e+02 2.170167e+03 1.136883e+04 1.214833e+03
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## [12201] 1.336217e+04 1.566667e+02 1.672000e+03 2.990333e+03 1.081667e+02

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## [12206] 1.257617e+04 2.784000e+04 1.280000e+02 4.408333e+02 6.100000e+02
## [12211] 9.193333e+03 3.308333e+02 1.171667e+02 2.206667e+02 2.966667e+01
## [12216] 6.666667e-01 1.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00
## [12221] 0.000000e+00 0.000000e+00 1.511667e+02 1.160167e+03 1.100000e+01
## [12226] 1.020167e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [12231] 2.560129e+04 0.000000e+00 1.050256e+05 0.000000e+00 4.746500e+04
## [12236] 0.000000e+00 8.825571e+03 0.000000e+00 4.548333e+02 1.388333e+02
## [12241] 4.010000e+02 1.187167e+03 1.322267e+04 5.642833e+03 1.044500e+04
## [12246] 1.424667e+03 2.905417e+04 1.501417e+04 8.490000e+02 4.214000e+03
## [12251] 4.030167e+03 5.689167e+03 3.945000e+02 1.111083e+04 1.925583e+04
## [12256] 9.138333e+02 2.256667e+02 4.206667e+02 4.638333e+02 2.094167e+03
## [12261] 1.710000e+02 2.073333e+02 8.333333e-01 3.333333e-01 5.166667e+01
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## [12271] 5.400000e+01 2.978333e+02 4.873833e+03 1.045833e+03 0.000000e+00
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## [12281] 0.000000e+00 0.000000e+00 6.224771e+04 1.544943e+04 0.000000e+00
## [12286] 0.000000e+00 1.347500e+03 7.275000e+02 6.190000e+02 9.000000e+01
## [12291] 7.469500e+03 1.985167e+03 1.667667e+04 8.462333e+03 2.515833e+03
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## [12301] 2.220333e+04 1.829833e+03 1.877000e+04 5.211667e+02 1.731667e+02
## [12306] 1.580000e+02 1.131000e+03 4.105000e+02 2.835000e+02 1.315000e+02
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## [13281] 3.966667e+01 1.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [13296] 3.333333e+00 1.392333e+03 1.010000e+02 3.357167e+03 2.583333e+02
## [13301] 3.788333e+02 1.600000e+01 5.283333e+01 4.833333e+00 9.185000e+02
## [13306] 9.533333e+01 2.538667e+03 4.766667e+01 3.666667e+00 7.700000e+01
## [13311] 1.650000e+01 5.128000e+03 1.571667e+02 1.166667e+00 6.666667e-01
## [13316] 8.807667e+03 1.045000e+02 7.500000e+00 7.233333e+01 2.333333e+00
## [13321] 1.939500e+03 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [13326] 0.000000e+00 3.900000e+01 4.793333e+02 1.900000e+01 1.666667e-01
## [13331] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.437143e+02
## [13336] 0.000000e+00 0.000000e+00 6.410000e+02 2.028571e+01 0.000000e+00
## [13341] 0.000000e+00 2.087643e+04 4.000000e+00 1.081667e+02 1.497667e+03
## [13346] 9.300000e+01 3.801500e+03 2.295000e+02 1.300000e+01 4.396667e+02
## [13351] 1.208333e+02 1.111667e+03 3.833333e+01 3.000000e+00 5.150000e+01
## [13356] 2.833333e+00 3.381333e+03 7.533333e+01 8.333333e-01 6.383167e+03
## [13361] 1.866667e+01 1.921667e+02 1.226667e+02 8.180500e+03 9.000000e+00
## [13366] 0.000000e+00 6.816667e+01 3.333333e-01 5.666667e+00 2.454333e+03
## [13371] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.166667e+02
## [13376] 1.316667e+01 2.250000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [13381] 0.000000e+00 0.000000e+00 0.000000e+00 6.231429e+02 5.639100e+04
## [13386] 1.114286e+01 1.570014e+04 0.000000e+00 0.000000e+00 0.000000e+00
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## [13396] 2.153333e+02 3.052667e+03 4.256667e+02 4.600000e+01 7.756667e+02
## [13401] 1.110000e+02 1.166667e+00 1.256667e+02 5.116667e+01 1.833333e+00
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## [13411] 7.333333e+00 2.418333e+02 4.132667e+03 3.333333e-01 0.000000e+00
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## [13456] 7.613167e+03 8.706667e+02 8.333333e-01 7.666667e+00 4.260000e+02
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## [13476] 0.000000e+00 0.000000e+00 0.000000e+00 3.360000e+02 0.000000e+00
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## [13496] 1.833333e+00 2.681667e+02 6.583333e+01 2.733333e+01 7.536667e+02
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## [13531] 0.000000e+00 8.779586e+04 6.815314e+04 0.000000e+00 7.828333e+02
## [13536] 4.216667e+01 2.549000e+03 2.333333e+00 6.500000e+00 1.374233e+04
## [13541] 5.360000e+03 2.121667e+02 4.616667e+01 2.342500e+03 1.333333e+00
## [13546] 6.766167e+03 6.666667e-01 2.363667e+03 1.164783e+04 2.116667e+01
## [13551] 3.333333e-01 3.036000e+03 2.354767e+04 4.666667e+00 1.666667e-01

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## [13596] 3.846667e+03 1.951200e+04 1.083333e+01 2.049833e+03 3.166667e+00
## [13601] 3.333333e-01 2.242317e+04 6.331667e+02 1.333333e+00 4.653000e+03
## [13606] 0.000000e+00 8.333333e-01 0.000000e+00 6.783333e+01 1.861667e+03
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## [13631] 4.104833e+03 1.000000e+00 2.333333e+01 5.131667e+02 2.013750e+04
## [13636] 3.166667e+00 3.474833e+03 9.616667e+01 0.000000e+00 2.042300e+04
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## [13646] 3.058500e+03 2.056500e+03 1.666667e-01 1.694567e+04 8.333333e-01
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## [13686] 3.333333e+00 5.778833e+03 5.000000e-01 2.643717e+04 2.066667e+01
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## [13731] 4.300000e+01 3.833333e+00 2.332633e+04 1.757317e+04 6.666667e-01
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## [13781] 1.666667e+00 3.266667e+01 0.000000e+00 4.681667e+03 5.833333e+00
## [13786] 1.110300e+04 1.166667e+00 0.000000e+00 5.177167e+03 2.738667e+03
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## [13806] 0.000000e+00 0.000000e+00 1.833333e+00 6.566667e+02 5.611667e+02
## [13811] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.742857e+01
## [13816] 0.000000e+00 0.000000e+00 7.949814e+04 3.000000e+00 0.000000e+00
## [13821] 9.407986e+04 0.000000e+00 7.783833e+03 3.507667e+03 9.500000e+00

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## [13826] 3.333333e-01 5.046567e+04 1.722150e+04 3.683333e+01 2.333333e+00
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## [14156] 1.416900e+04 0.000000e+00 0.000000e+00 1.000000e+00 2.132667e+03
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## [14251] 2.116667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [14256] 0.000000e+00 0.000000e+00 0.000000e+00 5.857143e+00 0.000000e+00
## [14261] 3.471557e+04 1.261814e+04 4.658714e+03 1.428571e+00 6.700000e+01
## [14266] 6.666667e-01 5.470000e+02 8.333333e-01 1.666667e-01 2.223333e+02
## [14271] 6.666667e-01 5.000000e-01 1.842833e+03 3.833333e+00 6.766667e+01
## [14276] 5.000000e-01 1.500000e+00 1.666667e-01 1.036167e+03 3.333333e-01
## [14281] 1.666667e-01 9.431667e+02 5.000000e-01 8.366667e+01 6.595000e+02
## [14286] 0.000000e+00 0.000000e+00 0.000000e+00 5.083333e+01 2.966667e+01
## [14291] 4.065000e+02 1.666667e-01 0.000000e+00 0.000000e+00 1.533333e+01
## [14296] 4.442000e+03 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00
## [14301] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [14306] 2.151667e+02 1.666667e-01 0.000000e+00 2.000000e+01 0.000000e+00
## [14311] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00
## [14316] 0.000000e+00 5.000000e+00 0.000000e+00 4.187000e+03 0.000000e+00
## [14321] 1.466667e+01 2.513333e+02 0.000000e+00 2.450000e+01 1.666667e-01
## [14326] 4.618333e+02 1.500000e+00 1.033333e+02 5.000000e-01 1.531000e+03
## [14331] 1.666667e+00 1.150000e+01 1.666667e-01 3.883333e+01 8.255000e+02
## [14336] 1.000000e+00 1.666667e+00 3.766667e+01 1.666667e-01 5.000000e-01
## [14341] 6.666667e-01 6.495000e+02 3.150000e+01 1.666667e-01 1.666667e-01
## [14346] 4.560000e+02 6.666667e-01 2.631667e+02 0.000000e+00 1.550000e+01
## [14351] 0.000000e+00 1.666667e-01 7.500000e+00 0.000000e+00 0.000000e+00
## [14356] 2.506500e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [14361] 0.000000e+00 0.000000e+00 9.833333e+00 1.166667e+00 0.000000e+00

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## [14371] 0.000000e+00 0.000000e+00 4.000000e+00 0.000000e+00 1.623333e+02
## [14376] 6.666667e-01 3.808000e+03 6.333333e+00 0.000000e+00 0.000000e+00
## [14381] 0.000000e+00 1.250000e+01 1.666667e-01 3.333333e-01 4.011667e+02
## [14386] 5.000000e-01 4.166667e+00 3.333333e-01 1.361333e+03 7.516667e+01
## [14391] 1.166667e+00 7.448333e+02 0.000000e+00 1.833333e+00 2.166667e+01
## [14396] 1.166667e+00 2.200000e+01 6.361667e+02 1.666667e-01 6.666667e-01
## [14401] 3.333333e-01 0.000000e+00 0.000000e+00 1.850000e+01 4.096667e+02
## [14406] 0.000000e+00 0.000000e+00 1.666667e-01 2.548333e+02 1.250000e+01
## [14411] 0.000000e+00 6.666667e+00 0.000000e+00 1.657667e+03 0.000000e+00
## [14416] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [14421] 1.666667e-01 5.166667e+00 3.333333e-01 0.000000e+00 1.998333e+02
## [14426] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [14431] 6.000000e+00 0.000000e+00 0.000000e+00 3.134833e+03 0.000000e+00
## [14436] 3.666667e+00 0.000000e+00 8.733333e+01 6.666667e-01 3.358333e+02
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## [14446] 1.154167e+03 1.333333e+00 1.400000e+01 6.158333e+02 1.000000e+00
## [14451] 1.666667e-01 4.798333e+02 1.833333e+00 1.016667e+01 0.000000e+00
## [14456] 3.436667e+02 6.666667e-01 1.000000e+01 2.055000e+02 1.666667e-01
## [14461] 3.000000e+00 0.000000e+00 0.000000e+00 1.166667e+00 1.580000e+03
## [14466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [14491] 3.333333e-01 2.166667e+00 1.666667e-01 1.500000e+00 3.200000e+01
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## [14561] 1.500000e+00 1.666667e-01 1.546667e+02 6.666667e-01 1.121667e+02
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## [14591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.431500e+03
## [14596] 1.666667e-01 4.583333e+01 0.000000e+00 3.000000e+00 5.666667e+00
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## [14606] 1.166667e+00 1.566667e+02 4.500000e+00 1.000000e+00 1.666667e-01
## [14611] 2.366667e+01 5.736667e+02 2.715000e+02 8.333333e-01 6.166667e+00
## [14616] 0.000000e+00 3.333333e-01 8.333333e-01 8.166667e+00 0.000000e+00
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## [14626] 1.385000e+02 0.000000e+00 0.000000e+00 3.000000e+00 0.000000e+00
## [14631] 0.000000e+00 8.650000e+01 0.000000e+00 0.000000e+00 0.000000e+00

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## [14636] 5.590000e+02 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [14646] 5.833333e+01 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [14651] 0.000000e+00 0.000000e+00 3.333333e-01 1.255333e+03 5.300000e+01
## [14656] 2.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.833333e+00
## [14661] 2.166667e+00 1.448333e+02 1.166667e+00 1.666667e-01 0.000000e+00
## [14666] 2.783333e+01 1.666667e-01 5.323333e+02 3.333333e+00 8.333333e-01
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## [14676] 1.666667e-01 1.766667e+02 0.000000e+00 8.833333e+00 6.666667e-01
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## [14691] 1.666667e-01 0.000000e+00 4.746667e+02 3.333333e-01 0.000000e+00
## [14696] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [14721] 1.101667e+02 0.000000e+00 1.166667e+00 3.833333e+00 4.208333e+02
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## [14736] 5.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [14741] 5.300000e+01 3.166667e+00 2.743333e+02 3.333333e-01 0.000000e+00
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## [14836] 6.666667e-01 0.000000e+00 6.333333e+00 1.398333e+02 1.110000e+02
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## [14876] 0.000000e+00 0.000000e+00 3.659167e+03 1.166667e+00 0.000000e+00
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## [14891] 3.333333e-01 1.140000e+02 8.333333e-01 7.666667e+00 1.666667e-01
## [14896] 9.950000e+01 7.166667e+00 3.333333e-01 2.833333e+00 0.000000e+00
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## [14941] 1.758333e+02 5.333333e+00 5.000000e-01 4.333333e+00 3.333333e-01
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## [15021] 0.000000e+00 6.666667e-01 1.166667e+00 2.333333e+00 1.096783e+04
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## [15076] 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00 3.333333e-01
## [15081] 8.000000e+01 1.666667e+00 0.000000e+00 7.167500e+03 0.000000e+00
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## [15171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.700000e+01

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## [15176] 0.000000e+00 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00
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## [15216] 0.000000e+00 3.333333e-01 3.021667e+02 0.000000e+00 0.000000e+00
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## [15226] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [15256] 3.550000e+02 1.666667e-01 0.000000e+00 9.060000e+02 1.666667e-01
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## [15276] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [15281] 5.000000e-01 7.350000e+01 1.026333e+03 2.000000e+00 0.000000e+00
## [15286] 0.000000e+00 2.166667e+00 1.666667e-01 0.000000e+00 5.900000e+01
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## [15341] 0.000000e+00 1.459833e+03 0.000000e+00 0.000000e+00 7.716667e+01
## [15346] 3.333333e-01 0.000000e+00 3.500000e+00 1.500000e+00 2.016667e+01
## [15351] 2.698333e+02 1.666667e-01 9.833333e+00 1.161667e+02 5.000000e-01
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## [15416] 0.000000e+00 1.571667e+02 0.000000e+00 6.666667e-01 0.000000e+00
## [15421] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00
## [15426] 0.000000e+00 0.000000e+00 1.186667e+02 0.000000e+00 0.000000e+00
## [15431] 0.000000e+00 0.000000e+00 1.583667e+03 0.000000e+00 0.000000e+00
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## [15441] 0.000000e+00 5.950000e+01 1.666667e-01 3.000000e+00 0.000000e+00

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## [16226] 2.365000e+02 4.466667e+01 2.850000e+02 2.852167e+03 1.031500e+03
## [16231] 1.420000e+02 2.127000e+03 9.383333e+02 2.918333e+03 1.383333e+02
## [16236] 8.756667e+02 3.715000e+02 6.466667e+01 2.567167e+03 2.516667e+01
## [16241] 1.320000e+02 7.015000e+02 1.000000e+00 3.000000e+00 4.450000e+01
## [16246] 2.071667e+02 7.700000e+02 8.183333e+01 1.758333e+02 0.000000e+00
## [16251] 3.350000e+01 6.207143e+02 6.614571e+03 6.657143e+03 1.616667e+01

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## [16256] 1.078333e+02 6.716667e+01 1.342500e+03 3.000000e+02 1.400500e+03
## [16261] 1.720000e+02 1.203333e+03 1.163500e+03 2.174000e+03 1.538333e+02
## [16266] 1.094667e+03 2.234333e+03 6.250000e+01 4.425000e+02 6.263333e+02
## [16271] 1.883333e+01 1.031667e+02 1.050000e+01 3.333333e+00 8.333333e-01
## [16276] 4.656667e+02 7.933333e+01 1.075000e+02 0.000000e+00 3.616667e+01
## [16281] 1.270000e+02 1.975386e+04 5.551857e+03 3.097143e+02 9.366667e+01
## [16286] 6.000000e+00 6.116667e+01 1.030667e+03 1.007833e+03 1.378333e+02
## [16291] 7.850000e+02 7.901667e+02 8.500000e+01 6.620000e+02 1.366167e+03
## [16296] 8.566667e+01 1.385500e+03 3.203333e+02 3.533333e+01 1.000000e+02
## [16301] 4.066667e+02 1.066667e+01 1.333333e+00 2.833333e+00 8.333333e-01
## [16306] 4.100000e+01 7.850000e+01 3.115000e+02 9.916667e+01 1.616667e+01
## [16311] 1.833333e+00 6.047571e+03 3.088571e+03 5.361857e+03 1.416667e+01
## [16316] 7.550000e+01 2.633333e+01 1.265333e+03 3.101667e+02 2.560000e+02
## [16321] 1.466667e+02 1.400000e+02 8.868333e+02 1.411667e+02 1.651667e+02
## [16326] 8.216667e+02 6.516667e+01 1.241667e+02 3.981667e+02 3.533333e+01
## [16331] 9.500000e+01 3.033333e+01 2.000000e+00 2.166667e+00 3.000000e+00
## [16336] 7.933333e+01 5.523333e+02 1.200000e+01 3.333333e+00 2.083333e+01
## [16341] 0.000000e+00 6.372286e+03 1.869000e+03 8.166857e+03 1.056667e+02
## [16346] 5.183333e+01 1.390000e+02 1.539500e+03 7.778333e+02 1.353000e+03
## [16351] 1.087833e+03 7.120000e+02 4.750000e+02 1.048833e+03 4.871667e+02
## [16356] 1.082833e+03 1.041333e+03 5.586667e+02 2.935000e+02 2.998333e+02
## [16361] 9.066667e+01 1.141667e+02 3.333333e+00 6.333333e+00 4.500000e+00
## [16366] 1.823333e+02 3.346667e+02 3.750000e+01 1.116667e+01 3.333333e+00
## [16371] 5.000000e-01 9.209857e+03 2.493500e+04 8.915000e+03 1.226667e+02
## [16376] 1.371667e+02 4.333333e+01 6.505000e+02 2.015000e+03 1.076167e+03
## [16381] 3.888333e+02 6.031667e+02 1.186167e+03 3.865000e+02 1.150333e+03
## [16386] 8.993333e+02 2.530000e+02 8.903333e+02 7.670000e+02 7.566667e+01
## [16391] 2.178333e+02 2.936667e+02 6.333333e+00 3.000000e+00 5.500000e+00
## [16396] 3.700000e+01 1.331667e+02 4.076667e+02 6.833333e+00 2.533333e+01
## [16401] 1.683333e+01 2.050143e+03 1.172429e+03 1.550643e+04 4.483333e+01
## [16406] 5.050000e+01 1.603333e+02 5.921667e+02 3.783333e+02 2.268667e+03
## [16411] 3.945000e+02 1.946667e+02 1.414667e+03 1.864667e+03 6.233333e+02
## [16416] 3.175000e+02 3.038333e+02 1.570667e+03 5.638333e+02 1.716667e+02
## [16421] 4.720000e+02 1.213333e+02 1.500000e+00 1.666667e+00 4.833333e+00
## [16426] 5.871667e+02 5.866667e+01 1.566667e+01 5.833333e+00 5.166667e+00
## [16431] 1.400000e+01 1.561629e+04 7.651143e+03 3.217143e+03 2.057143e+03
## [16436] 4.050000e+01 1.718333e+02 2.966667e+01 0.000000e+00 2.471167e+03
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## [16451] 1.108333e+02 0.000000e+00 1.443667e+03 6.511667e+02 1.030000e+02
## [16456] 3.850000e+01 4.353333e+02 2.070000e+02 0.000000e+00 6.166667e+00
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## [16466] 0.000000e+00 5.700000e+01 2.500000e+00 8.333333e-01 0.000000e+00
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## [16501] 1.050000e+01 2.000000e+00 0.000000e+00 1.600000e+01 1.636667e+02
## [16506] 0.000000e+00 3.906667e+02 2.533333e+01 7.500000e+00 6.000000e+00
## [16511] 0.000000e+00 2.963514e+04 3.662471e+04 5.832000e+03 1.714286e+03
## [16516] 3.181667e+02 5.516667e+01 0.000000e+00 6.483333e+01 0.000000e+00
## [16521] 8.121667e+02 9.626667e+02 3.445667e+03 6.425000e+02 0.000000e+00

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## [16526] 1.930500e+03 5.045000e+02 5.860000e+02 0.000000e+00 5.976667e+02
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## [16541] 7.500000e+00 2.166667e+00 0.000000e+00 1.035000e+02 0.000000e+00
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## [16551] 2.566667e+01 6.115833e+03 7.117571e+03 0.000000e+00 4.810057e+04
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## [16576] 3.518333e+02 1.480000e+02 6.128333e+02 0.000000e+00 3.333333e-01
## [16581] 0.000000e+00 1.466667e+01 6.166667e+00 0.000000e+00 4.600000e+01
## [16586] 1.420000e+02 1.745000e+02 2.083333e+01 0.000000e+00 0.000000e+00
## [16591] 3.566667e+01 1.771143e+03 1.564686e+04 5.217986e+04 8.411857e+03
## [16596] 4.430000e+02 2.333333e+00 7.750000e+01 1.796667e+02 2.329167e+03
## [16601] 9.513333e+02 3.000000e+01 4.593167e+03 1.433333e+01 5.930000e+02
## [16606] 2.582333e+03 1.813000e+03 3.542000e+03 2.791833e+03 1.216667e+01
## [16611] 9.570000e+02 5.166667e+00 2.734167e+03 3.118333e+03 9.288333e+02
## [16616] 2.166667e+00 8.035000e+02 3.038333e+02 9.498333e+02 1.666667e-01
## [16621] 2.333333e+00 1.783333e+01 3.333333e+00 3.500000e+00 6.533333e+01
## [16626] 2.385000e+02 1.456667e+02 6.083333e+01 3.483333e+01 0.000000e+00
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## [16641] 8.870000e+02 1.395667e+03 1.715000e+02 2.298333e+03 8.083333e+01
## [16646] 1.006000e+03 5.426667e+02 3.284667e+03 5.383333e+01 1.569333e+03
## [16651] 8.251667e+02 2.896000e+03 7.725000e+02 1.619000e+03 3.816667e+01
## [16656] 9.311667e+02 2.501667e+02 9.000000e+00 4.595000e+02 6.666667e-01
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## [16666] 1.805000e+02 8.250000e+01 5.816667e+01 0.000000e+00 6.333333e+00
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## [16676] 7.116667e+01 5.133333e+01 4.270000e+02 3.266667e+01 3.274667e+03
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## [16701] 1.833333e+00 2.766667e+01 1.666667e+00 2.783333e+01 8.800000e+01
## [16706] 1.300000e+01 3.166667e+01 1.150000e+01 0.000000e+00 1.666667e+00
## [16711] 1.383333e+01 3.156071e+04 4.123714e+03 6.894114e+04 6.422143e+03
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## [16726] 1.956333e+03 1.650000e+02 1.246667e+02 2.770833e+03 9.491667e+02
## [16731] 3.298333e+02 2.529833e+03 9.026667e+02 3.246667e+02 6.783333e+01
## [16736] 8.063333e+02 1.075000e+02 2.750000e+01 2.696667e+02 3.066667e+01
## [16741] 1.166667e+00 3.500000e+00 1.833333e+00 3.516667e+01 1.400000e+01
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## [16761] 6.220000e+02 1.011333e+03 3.343833e+03 5.780000e+02 2.335000e+02
## [16766] 1.853000e+03 3.438333e+02 2.747500e+03 4.718333e+02 1.750000e+02
## [16771] 8.686667e+02 8.883333e+01 4.181667e+02 2.572000e+03 8.861667e+02
## [16776] 2.916667e+02 1.413333e+02 8.513333e+02 3.600000e+01 4.400000e+01
## [16781] 1.000000e+00 1.333333e+00 8.333333e-01 0.000000e+00 0.000000e+00
## [16786] 0.000000e+00 0.000000e+00 2.516667e+01 3.233333e+01 1.193333e+02
## [16791] 3.083333e+01 5.666667e+00 2.850000e+01 1.666667e-01 7.333333e+00

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## [16796] 5.949643e+04 2.848714e+03 1.424286e+03 1.240529e+04 6.850000e+01
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## [16821] 1.348333e+02 6.030000e+02 1.751667e+02 3.666667e+00 1.333333e+00
## [16826] 3.183333e+01 4.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [16831] 0.000000e+00 1.550000e+01 8.550000e+01 2.200000e+01 1.816667e+01
## [16836] 6.666667e-01 3.666667e+00 3.500000e+00 5.000000e+00 7.158143e+03
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## [16856] 9.683333e+01 1.820000e+02 1.816500e+03 3.736667e+02 9.666667e+01
## [16861] 3.530000e+02 1.624167e+03 9.966667e+01 1.325000e+02 3.500000e+01
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## [16871] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [16881] 1.050000e+01 1.066667e+01 0.000000e+00 6.544714e+03 1.188429e+03
## [16886] 9.899286e+03 2.671429e+02 2.433333e+01 3.590000e+02 7.716667e+01
## [16891] 4.266667e+01 5.410000e+02 3.973333e+02 2.275667e+03 1.226667e+02
## [16896] 2.401667e+02 1.290500e+03 4.350000e+01 2.248333e+02 5.650000e+01
## [16901] 1.716000e+03 1.751667e+02 3.075000e+02 9.083333e+01 4.583333e+01
## [16906] 1.505833e+03 3.080000e+02 1.061667e+02 2.483333e+01 1.883333e+01
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## [16916] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.850000e+01
## [16921] 1.233333e+01 8.333333e+01 7.166667e+00 1.333333e+00 6.666667e+00
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## [16966] 2.216667e+01 2.500000e+00 6.000000e+00 1.500000e+00 1.666667e-01
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## [17011] 9.666667e+00 1.666667e-01 3.333333e-01 1.166667e+01 3.333333e-01
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## [17021] 1.100000e+01 3.413333e+02 3.600000e+01 8.783333e+02 2.408333e+02
## [17026] 2.165333e+03 5.300000e+01 3.226667e+02 1.215500e+03 1.428333e+02
## [17031] 2.116667e+01 1.668333e+02 2.666667e+01 1.401667e+03 1.850000e+02
## [17036] 2.716667e+01 1.142667e+03 8.266667e+01 1.618333e+02 2.400000e+01
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## [17046] 1.681667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [17051] 0.000000e+00 7.833333e+00 3.333333e+00 7.350000e+01 3.250000e+01
## [17056] 3.333333e-01 8.000000e+00 1.833333e+00 2.166667e+00 7.578571e+02
## [17061] 6.383714e+03 3.533143e+03 9.300000e+01 7.333333e+00 3.766667e+01

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## [17071] 2.499167e+03 1.683333e+01 1.586667e+02 1.371000e+03 3.386667e+02
## [17076] 1.855000e+02 1.871667e+02 2.066667e+01 1.581667e+03 1.207000e+03
## [17081] 8.950000e+01 1.866667e+01 1.511667e+02 2.616667e+01 4.800000e+01
## [17086] 7.000000e+00 3.921667e+02 0.000000e+00 2.333333e+00 0.000000e+00
## [17091] 2.061667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [17096] 1.116667e+01 1.333333e+00 2.816667e+01 9.400000e+01 5.000000e+00
## [17101] 5.000000e-01 3.000000e+00 7.333333e+00 1.645714e+03 4.700000e+01
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## [17126] 6.833333e+00 1.172167e+03 5.283333e+01 3.565000e+02 2.983333e+01
## [17131] 2.500000e+00 1.666667e-01 0.000000e+00 7.166667e+00 2.231667e+02
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## [17166] 2.103333e+02 1.378833e+03 7.166667e+00 1.528333e+02 1.090000e+03
## [17171] 9.516667e+01 2.550000e+01 3.446667e+02 3.833333e+00 4.633333e+01
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## [17186] 8.633333e+01 1.000000e+00 1.333333e+00 0.000000e+00 3.333333e-01
## [17191] 3.500000e+00 4.828571e+01 9.503857e+03 2.466329e+04 2.042143e+03
## [17196] 5.666667e+00 4.166667e+01 1.935000e+02 3.838333e+02 2.100000e+01
## [17201] 3.071667e+02 2.549167e+03 1.377333e+03 1.685000e+02 4.453333e+02
## [17206] 1.033333e+01 1.324000e+03 1.446167e+03 2.408333e+02 8.500000e+00
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## [17231] 1.000000e+00 0.000000e+00 2.166667e+00 0.000000e+00 1.250000e+01
## [17236] 9.541714e+03 2.513743e+04 2.308429e+03 4.228571e+01 2.500000e+00
## [17241] 4.396667e+02 2.590000e+02 4.433333e+01 2.150000e+01 2.804667e+03
## [17246] 3.566667e+02 1.555667e+03 8.333333e+00 1.686667e+02 1.433667e+03
## [17251] 4.823333e+02 8.666667e+00 1.514667e+03 2.600000e+02 1.885000e+02
## [17256] 1.121667e+03 6.833333e+00 1.375000e+02 1.063333e+02 1.500000e+00
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## [17326] 1.829371e+04 6.322857e+02 2.450000e+02 3.650000e+01 3.490000e+02
## [17331] 5.000000e-01 1.267167e+03 2.119833e+03 2.833333e+00 2.663333e+02

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## [17381] 4.333333e+00 3.926667e+02 1.082667e+03 1.151500e+03 1.355000e+02
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## [18131] 0.000000e+00 5.085833e+03 8.541667e+02 1.705000e+02 8.333333e-01
## [18136] 4.974667e+03 1.203333e+02 7.473333e+02 8.333333e-01 1.548167e+03
## [18141] 3.333333e-01 3.283333e+01 2.331667e+02 0.000000e+00 0.000000e+00

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## [18146] 6.500000e+00 3.041667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [18151] 0.000000e+00 4.495000e+02 1.198333e+02 1.566667e+01 0.000000e+00
## [18156] 0.000000e+00 6.666667e-01 1.833333e+00 7.450000e+01 1.005371e+04
## [18161] 1.026571e+03 1.636143e+03 1.428571e+00 3.211667e+02 1.343333e+02
## [18166] 4.333333e+01 0.000000e+00 5.411667e+02 2.770333e+03 5.998333e+02
## [18171] 0.000000e+00 1.983333e+02 1.915667e+03 0.000000e+00 3.260000e+02
## [18176] 2.908667e+03 4.601667e+02 8.333333e-01 1.476667e+02 9.150000e+01
## [18181] 2.857333e+03 6.666667e-01 4.055000e+02 1.326667e+02 2.600000e+01
## [18186] 9.561667e+02 1.666667e-01 0.000000e+00 2.231667e+02 3.166667e+00
## [18191] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [18196] 9.833333e+00 2.203333e+02 5.583333e+01 0.000000e+00 0.000000e+00
## [18201] 1.666667e-01 5.900000e+01 1.666667e+00 1.285714e+00 6.891286e+03
## [18206] 8.191429e+02 6.785714e+02 3.400000e+01 1.023333e+02 3.390000e+02
## [18211] 3.333333e-01 3.328333e+02 2.235167e+03 4.208333e+02 6.666667e-01
## [18216] 1.666667e-01 1.286667e+02 1.801667e+02 1.319167e+03 2.016667e+02
## [18221] 0.000000e+00 8.350000e+01 1.798500e+03 1.740833e+03 1.558333e+02
## [18226] 4.416667e+01 3.333333e-01 5.116667e+01 6.071667e+02 0.000000e+00
## [18231] 1.216667e+01 3.166667e+00 2.421667e+02 0.000000e+00 0.000000e+00
## [18236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.656667e+02
## [18241] 3.400000e+01 0.000000e+00 5.833333e+00 5.016667e+01 0.000000e+00
## [18246] 0.000000e+00 6.666667e-01 1.142857e+00 7.240000e+02 5.751429e+02
## [18251] 5.405571e+03 8.383333e+01 3.716667e+01 0.000000e+00 3.168333e+02
## [18256] 3.641667e+02 1.666667e-01 3.045000e+02 1.910000e+03 1.028667e+03
## [18261] 3.333333e-01 1.105000e+02 1.555000e+02 3.333333e-01 1.332833e+03
## [18266] 1.570000e+02 6.883333e+01 3.316667e+01 1.278000e+03 1.435000e+02
## [18271] 5.000000e-01 0.000000e+00 1.050000e+01 4.700000e+01 4.401667e+02
## [18276] 0.000000e+00 2.455000e+02 3.500000e+00 0.000000e+00 0.000000e+00
## [18281] 0.000000e+00 0.000000e+00 0.000000e+00 2.200000e+01 0.000000e+00
## [18286] 9.666667e+00 1.231667e+02 1.666667e+00 0.000000e+00 0.000000e+00
## [18291] 6.166667e+00 5.948571e+02 1.428571e-01 4.488571e+02 4.448571e+03
## [18296] 2.946667e+02 0.000000e+00 2.733333e+01 7.466667e+01 2.746667e+02
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## [18306] 8.680000e+02 8.183333e+01 1.052000e+03 5.266667e+01 1.396667e+02
## [18311] 0.000000e+00 1.008333e+03 1.188333e+02 2.950000e+01 0.000000e+00
## [18316] 3.628333e+02 0.000000e+00 4.166667e+01 1.033333e+01 4.500000e+00
## [18321] 0.000000e+00 1.841667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [18326] 0.000000e+00 0.000000e+00 1.031667e+02 0.000000e+00 6.500000e+00
## [18331] 2.016667e+01 1.266667e+01 5.000000e-01 5.000000e-01 0.000000e+00
## [18336] 3.149286e+03 8.571429e-01 4.845714e+02 3.954286e+02 2.326667e+02
## [18341] 0.000000e+00 5.783333e+01 2.833333e+01 1.246667e+03 2.520000e+02
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## [18386] 2.450000e+01 4.416667e+01 1.666667e-01 1.978333e+02 1.047333e+03
## [18391] 1.475000e+02 5.060000e+02 6.316667e+01 0.000000e+00 5.966667e+01
## [18396] 1.333333e+00 3.583333e+01 5.888333e+02 6.833333e+01 1.600000e+01
## [18401] 5.000000e-01 5.188333e+02 4.866667e+01 6.000000e+00 1.166667e+00
## [18406] 1.866667e+02 1.533333e+01 0.000000e+00 1.093333e+02 3.000000e+00
## [18411] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [18431] 0.000000e+00 0.000000e+00 8.866667e+01 1.131667e+02 6.530000e+02
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## [18461] 0.000000e+00 2.666667e+00 4.166667e+01 0.000000e+00 3.333333e-01
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## [18471] 0.000000e+00 1.241667e+02 2.700000e+01 0.000000e+00 1.150000e+01
## [18476] 0.000000e+00 1.136667e+02 8.716667e+01 6.298333e+02 2.868333e+02
## [18481] 0.000000e+00 3.600000e+01 3.750000e+01 1.683333e+01 0.000000e+00
## [18486] 3.633333e+01 2.775000e+02 8.000000e+00 2.866667e+01 0.000000e+00
## [18491] 2.523333e+02 9.833333e+00 9.500000e+01 0.000000e+00 1.500000e+00
## [18496] 6.883333e+01 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00
## [18501] 0.000000e+00 0.000000e+00 0.000000e+00 4.316667e+01 2.333333e+00
## [18506] 0.000000e+00 8.000000e+00 3.500000e+00 6.500000e+00 0.000000e+00
## [18511] 0.000000e+00 5.055714e+02 4.606600e+04 1.428571e-01 1.904286e+02
## [18516] 1.066667e+01 2.316667e+01 1.666667e-01 1.090000e+02 8.300000e+01
## [18521] 1.185000e+02 0.000000e+00 5.848333e+02 2.570000e+02 0.000000e+00
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## [18531] 2.350000e+01 0.000000e+00 2.201667e+02 2.516667e+01 1.283333e+01
## [18536] 0.000000e+00 7.233333e+01 6.833333e+00 3.500000e+00 1.333333e+00
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## [18616] 0.000000e+00 2.016667e+01 1.791667e+02 1.900000e+01 1.283333e+01
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## [18646] 4.757714e+05 1.198571e+02 9.166667e+00 7.116667e+01 0.000000e+00
## [18651] 2.000000e+01 6.066667e+01 7.750000e+01 0.000000e+00 4.016667e+02
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## [18666] 1.766667e+01 1.556667e+02 5.500000e+00 0.000000e+00 5.783333e+01
## [18671] 1.833333e+00 0.000000e+00 0.000000e+00 4.733333e+01 1.500000e+00
## [18676] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [18681] 2.800000e+01 1.666667e+00 5.833333e+00 0.000000e+00 0.000000e+00

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## [18686] 0.000000e+00 4.333333e+00 1.648571e+02 7.142857e-01 1.220000e+02
## [18691] 9.212857e+02 7.000000e+00 1.666667e-01 2.316667e+01 7.633333e+01
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## [18716] 1.333333e+00 5.050000e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [18861] 0.000000e+00 1.666667e-01 0.000000e+00 9.571429e+01 0.000000e+00
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## [18886] 9.000000e+00 4.500000e+00 3.100000e+01 0.000000e+00 3.333333e+00
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## [18896] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
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## [18926] 0.000000e+00 9.666667e+00 7.666667e+01 5.833333e+00 0.000000e+00
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## [18941] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.166667e+00
## [18946] 1.166667e+00 1.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [18951] 3.333333e-01 2.962857e+02 6.785714e+01 2.071429e+01 0.000000e+00

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## [18966] 5.566667e+01 1.300000e+01 0.000000e+00 7.166667e+00 4.666667e+00
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## [18981] 0.000000e+00 2.200000e+01 6.666667e-01 0.000000e+00 0.000000e+00
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## [19006] 1.401667e+02 8.166667e+00 0.000000e+00 1.466667e+01 5.783333e+01
## [19011] 2.500000e+00 8.666667e+00 5.400000e+01 1.333333e+00 0.000000e+00
## [19016] 3.666667e+00 3.500000e+01 0.000000e+00 2.833333e+00 0.000000e+00
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## [19026] 0.000000e+00 2.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [19031] 0.000000e+00 0.000000e+00 2.833333e+00 1.016667e+01 0.000000e+00
## [19036] 0.000000e+00 0.000000e+00 1.833333e+00 0.000000e+00 1.785714e+01
## [19041] 4.757143e+01 0.000000e+00 2.202857e+02 0.000000e+00 5.833333e+00
## [19046] 2.000000e+00 1.883333e+01 0.000000e+00 1.063333e+02 2.983333e+01
## [19051] 9.833333e+00 0.000000e+00 2.333333e+00 1.100000e+01 4.000000e+01
## [19056] 4.666667e+00 6.500000e+00 4.433333e+01 0.000000e+00 3.483333e+01
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## [19066] 3.333333e-01 0.000000e+00 2.516667e+01 1.666667e-01 0.000000e+00
## [19071] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [19081] 0.000000e+00 0.000000e+00 1.166667e+00 2.090000e+02 1.485714e+01
## [19086] 5.028571e+01 0.000000e+00 6.833333e+00 1.000000e+00 2.000000e+01
## [19091] 0.000000e+00 9.900000e+01 6.666667e+00 3.266667e+01 0.000000e+00
## [19096] 3.166667e+00 1.033333e+01 4.300000e+01 0.000000e+00 3.333333e+00
## [19101] 3.916667e+01 0.000000e+00 5.833333e+00 0.000000e+00 2.666667e+00
## [19106] 3.200000e+01 2.500000e+00 0.000000e+00 3.333333e-01 6.666667e-01
## [19111] 1.066667e+01 1.666667e-01 2.116667e+01 0.000000e+00 0.000000e+00
## [19116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.000000e+00
## [19121] 0.000000e+00 3.333333e-01 5.833333e+00 0.000000e+00 0.000000e+00
## [19126] 4.000000e+00 0.000000e+00 0.000000e+00 2.057143e+02 4.928571e+01
## [19131] 1.371429e+01 0.000000e+00 5.333333e+00 1.983333e+01 1.000000e+00
## [19136] 3.200000e+01 9.350000e+01 6.166667e+00 0.000000e+00 3.500000e+00
## [19141] 4.266667e+01 0.000000e+00 1.083333e+01 2.000000e+00 0.000000e+00
## [19146] 3.916667e+01 6.500000e+00 0.000000e+00 2.833333e+00 3.183333e+01
## [19151] 2.000000e+00 5.000000e-01 8.333333e-01 1.300000e+01 0.000000e+00
## [19156] 0.000000e+00 0.000000e+00 3.333333e-01 2.166667e+01 0.000000e+00
## [19161] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 4.333333e+00
## [19166] 1.500000e+00 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00
## [19171] 0.000000e+00 6.591429e+02 8.442857e+01 0.000000e+00 6.314286e+01
## [19176] 0.000000e+00 1.666667e+00 7.166667e+00 2.533333e+01 1.673333e+02
## [19181] 3.783333e+01 2.583333e+01 0.000000e+00 1.466667e+01 1.450000e+01
## [19186] 1.173333e+02 0.000000e+00 1.813333e+02 1.033333e+01 2.416667e+01
## [19191] 0.000000e+00 3.666667e+00 0.000000e+00 2.300000e+01 2.161667e+02
## [19196] 1.666667e-01 9.166667e+00 0.000000e+00 6.150000e+01 0.000000e+00
## [19201] 0.000000e+00 0.000000e+00 2.766667e+01 0.000000e+00 0.000000e+00
## [19206] 0.000000e+00 0.000000e+00 2.166667e+00 0.000000e+00 3.983333e+01
## [19211] 4.666667e+00 1.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [19216] 6.800000e+01 0.000000e+00 1.454286e+02 1.236286e+03 0.000000e+00
## [19221] 4.000000e+00 3.683333e+01 9.500000e+00 0.000000e+00 3.566667e+01

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## [19231] 1.971667e+02 0.000000e+00 3.601667e+02 4.083333e+01 7.833333e+00
## [19236] 4.328333e+02 4.500000e+00 4.566667e+01 0.000000e+00 0.000000e+00
## [19241] 1.466667e+02 5.000000e-01 1.616667e+01 6.666667e-01 3.616667e+01
## [19246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [19251] 0.000000e+00 1.500000e+00 0.000000e+00 1.300000e+01 7.550000e+01
## [19256] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.191429e+02
## [19261] 0.000000e+00 8.742857e+01 2.037286e+03 4.833333e+00 1.316667e+01
## [19266] 4.566667e+01 0.000000e+00 5.366667e+01 4.600000e+01 0.000000e+00
## [19271] 3.850000e+02 2.876667e+02 0.000000e+00 3.333333e+01 1.866667e+01
## [19276] 6.151667e+02 0.000000e+00 6.916667e+01 9.833333e+00 7.686667e+02
## [19281] 7.433333e+01 0.000000e+00 5.333333e+00 2.746667e+02 1.333333e+00
## [19286] 0.000000e+00 2.800000e+01 5.000000e-01 0.000000e+00 0.000000e+00
## [19291] 4.150000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [19296] 1.533333e+01 1.043333e+02 0.000000e+00 4.166667e+00 3.333333e-01
## [19301] 3.166667e+00 2.666667e+00 0.000000e+00 0.000000e+00 2.221000e+03
## [19306] 8.614286e+01 2.405714e+02 5.400000e+01 0.000000e+00 9.833333e+00
## [19311] 4.500000e+00 5.050000e+01 0.000000e+00 4.500000e+01 4.306667e+02
## [19316] 2.970000e+02 2.283333e+01 0.000000e+00 3.816667e+01 0.000000e+00
## [19321] 6.386667e+02 1.266667e+01 7.716667e+01 0.000000e+00 8.581667e+02
## [19326] 8.550000e+01 3.666667e+00 0.000000e+00 1.000000e+00 3.033333e+01
## [19331] 3.126667e+02 0.000000e+00 5.000000e+01 0.000000e+00 3.333333e-01
## [19336] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.966667e+01
## [19341] 1.833333e+00 0.000000e+00 1.283333e+01 0.000000e+00 0.000000e+00
## [19346] 1.666667e-01 1.633333e+01 1.986000e+03 2.242857e+02 9.914286e+01
## [19351] 0.000000e+00 1.416667e+01 0.000000e+00 3.666667e+00 6.033333e+01
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## [19371] 7.850000e+01 1.333333e+00 2.448333e+02 0.000000e+00 2.583333e+01
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## [19396] 6.233333e+01 1.433333e+01 3.500000e+00 0.000000e+00 6.266667e+01
## [19401] 4.238333e+02 3.733333e+01 0.000000e+00 0.000000e+00 2.200000e+01
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## [19416] 1.000000e+00 0.000000e+00 2.103333e+02 1.300000e+01 5.400000e+01
## [19421] 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [19426] 0.000000e+00 0.000000e+00 3.333333e+00 3.666667e+00 0.000000e+00
## [19431] 7.066667e+01 0.000000e+00 1.666667e-01 2.100000e+01 0.000000e+00
## [19436] 1.221429e+02 0.000000e+00 9.471429e+01 1.616286e+03 9.833333e+00
## [19441] 3.833333e+00 6.266667e+01 0.000000e+00 0.000000e+00 5.966667e+01
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## [19451] 1.866667e+01 4.323333e+02 1.250000e+01 3.200000e+01 0.000000e+00
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## [19471] 0.000000e+00 7.166667e+00 3.500000e+00 0.000000e+00 5.166667e+01
## [19476] 1.666667e-01 6.833333e+00 1.666667e-01 0.000000e+00 1.044286e+02
## [19481] 9.157143e+01 1.194000e+03 0.000000e+00 0.000000e+00 4.333333e+00
## [19486] 9.333333e+00 4.883333e+01 3.370000e+02 3.116667e+01 5.266667e+01
## [19491] 0.000000e+00 1.716667e+01 1.826667e+02 2.283333e+01 0.000000e+00

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## [19516] 3.116667e+01 0.000000e+00 2.500000e+00 4.333333e+00 8.333333e-01
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## [19531] 0.000000e+00 2.833333e+02 2.633333e+01 4.483333e+01 0.000000e+00
## [19536] 0.000000e+00 1.666667e+01 1.566667e+01 1.618333e+02 1.766667e+01
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## [19546] 2.033333e+01 7.000000e+00 0.000000e+00 1.236667e+02 9.500000e+00
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## [19556] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [19566] 0.000000e+00 1.616667e+01 6.685714e+01 5.000000e+01 0.000000e+00
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## [19596] 0.000000e+00 3.383333e+01 0.000000e+00 1.666667e-01 0.000000e+00
## [19601] 0.000000e+00 0.000000e+00 0.000000e+00 2.666667e+00 2.400000e+01
## [19606] 3.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [19611] 2.000000e+00 3.001429e+02 4.942857e+01 0.000000e+00 4.205829e+04
## [19616] 2.666667e+01 0.000000e+00 5.500000e+00 2.166667e+00 1.686667e+02
## [19621] 2.950000e+01 0.000000e+00 1.400000e+01 0.000000e+00 8.966667e+01
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## [19631] 0.000000e+00 1.323333e+02 0.000000e+00 1.116667e+01 3.833333e+00
## [19636] 7.333333e+00 4.500000e+01 6.666667e-01 0.000000e+00 0.000000e+00
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## [19646] 0.000000e+00 0.000000e+00 1.333333e+00 1.833333e+00 0.000000e+00
## [19651] 1.550000e+01 0.000000e+00 0.000000e+00 4.500000e+00 0.000000e+00
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## [19661] 3.216667e+01 3.833333e+00 0.000000e+00 2.766667e+01 2.240000e+02
## [19666] 7.166667e+00 0.000000e+00 9.833333e+00 0.000000e+00 4.333333e+00
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## [19676] 0.000000e+00 2.118333e+02 7.666667e+00 2.000000e+00 2.000000e+00
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## [19686] 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [19746] 5.563571e+03 4.908571e+02 0.000000e+00 2.933333e+01 2.666667e+00
## [19751] 1.500000e+00 0.000000e+00 1.516667e+01 1.600000e+01 2.370000e+02
## [19756] 0.000000e+00 1.033333e+01 1.798333e+02 5.000000e+00 0.000000e+00
## [19761] 2.200000e+01 3.090000e+02 5.666667e+00 1.816667e+01 7.666667e+00

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## [19766] 0.000000e+00 3.435000e+02 1.121667e+02 2.666667e+00 0.000000e+00
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## [19786] 0.000000e+00 0.000000e+00 9.835714e+02 0.000000e+00 6.771429e+01
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## [19796] 1.766667e+01 2.205000e+02 1.233333e+01 0.000000e+00 1.400000e+01
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## [19816] 0.000000e+00 0.000000e+00 1.483333e+01 1.666667e-01 0.000000e+00
## [19821] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 9.500000e+00
## [19826] 7.833333e+01 8.333333e-01 9.833333e+00 0.000000e+00 0.000000e+00
## [19831] 0.000000e+00 6.814286e+01 0.000000e+00 1.068857e+03 3.071429e+01
## [19836] 0.000000e+00 1.916667e+01 3.000000e+00 1.000000e+00 1.933333e+01
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## [19846] 1.233333e+01 1.923333e+02 3.833333e+00 0.000000e+00 2.216667e+01
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## [20021] 5.300000e+01 4.014286e+01 1.100000e+02 0.000000e+00 9.357143e+01
## [20026] 2.518571e+02 1.418714e+03 5.857143e+00 1.607143e+02 7.200000e+01
## [20031] 4.542857e+01 2.500000e+01 1.347143e+02 1.205714e+02 1.327143e+02

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## [20036] 1.714286e+02 1.653143e+03 2.714286e+00 1.044286e+02 4.985714e+01
## [20041] 4.657143e+01 2.200000e+01 4.525714e+02 9.400000e+01 9.114286e+01
## [20046] 1.354000e+03 3.000000e+01 7.714286e+00 1.428571e-01 1.501429e+02
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## [20061] 2.180143e+03 2.014286e+02 6.000000e+00 1.664286e+02 1.000000e+00
## [20066] 7.714286e+01 5.714286e-01 5.385714e+01 1.428571e-01 3.628571e+01
## [20071] 1.428571e-01 6.704286e+02 2.814286e+01 0.000000e+00 1.385714e+02
## [20076] 1.285714e+00 1.377143e+02 2.857143e-01 1.791143e+03 4.571429e+00
## [20081] 1.257143e+02 6.428571e+01 5.628571e+01 4.400000e+01 8.148571e+02
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## [20091] 1.428571e-01 5.714286e+00 1.285714e+00 8.185714e+01 3.842857e+01
## [20096] 4.771429e+01 2.014286e+01 1.428571e-01 4.414286e+01 1.914286e+01
## [20101] 4.285714e+00 1.175714e+02 1.428571e-01 1.226429e+03 0.000000e+00
## [20106] 5.600000e+01 2.571429e+00 4.142857e+00 5.300000e+01 3.885714e+02
## [20111] 2.518286e+03 1.806000e+03 3.000000e+00 2.028571e+01 8.571429e-01
## [20116] 2.971429e+01 1.040000e+02 2.100000e+01 5.714286e-01 3.871429e+01
## [20121] 1.957143e+01 1.428571e-01 3.857143e+01 1.811429e+02 5.152857e+02
## [20126] 0.000000e+00 7.485714e+01 4.414286e+01 9.267143e+02 0.000000e+00
## [20131] 8.428571e+00 5.714286e-01 2.528571e+01 1.000000e+00 3.342857e+01
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## [20141] 2.571429e+00 4.028571e+01 1.571429e+00 5.614286e+01 5.714286e-01
## [20146] 2.328571e+01 2.114286e+01 2.857143e-01 1.771429e+01 2.657143e+01
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## [20166] 2.591000e+03 1.857143e+00 0.000000e+00 6.428571e+00 1.428571e-01
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## [20176] 8.571429e+00 3.442857e+01 3.942857e+01 1.167000e+03 6.212857e+02
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## [20191] 4.825286e+03 2.866143e+03 1.142857e+00 0.000000e+00 1.357143e+01
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## [20201] 1.185714e+01 2.620000e+02 3.471429e+01 5.294286e+02 3.554286e+02
## [20206] 9.921429e+02 6.465714e+02 2.271429e+01 1.044286e+02 4.272857e+02
## [20211] 5.857143e+00 1.300000e+01 2.000000e+00 2.114286e+01 2.757143e+01
## [20216] 1.557143e+01 2.485429e+03 1.498857e+03 1.857143e+00 2.857143e-01
## [20221] 6.714286e+00 1.200000e+01 5.714286e-01 2.571429e+00 9.428571e+00
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## [20236] 2.857143e-01 2.571429e+00 1.428571e-01 1.028571e+01 8.000000e+00
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## [20296] 1.571429e+00 1.200000e+01 4.000000e+00 1.571429e+00 4.385714e+01
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## [20356] 8.558571e+02 3.258571e+02 9.050000e+02 1.071429e+01 4.342857e+01
## [20361] 8.285714e+00 1.057143e+01 2.285714e+00 3.285714e+00 1.171429e+01
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## [20381] 1.878571e+02 1.114286e+02 1.272571e+03 8.228571e+01 9.307143e+02
## [20386] 1.081429e+02 1.571429e+00 1.027143e+02 1.671429e+01 8.571429e-01
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## [20456] 1.872714e+03 3.428571e+00 8.507143e+02 1.044286e+02 5.557143e+02
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## [20556] 2.640000e+02 8.142857e+00 5.714286e-01 7.071429e+01 7.800000e+01
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## [20626] 3.507143e+02 4.290000e+02 6.155714e+02 4.328571e+01 6.985714e+01
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## [20656] 1.963857e+03 9.371429e+01 4.780000e+02 6.068571e+02 2.251429e+02
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## [20896] 0.000000e+00 8.727143e+02 1.757143e+01 3.857143e+00 1.000000e+01
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## [20921] 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00 2.425714e+02
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## [21016] 2.428571e+00 2.771429e+01 7.600857e+03 4.571429e+01 1.490571e+03
## [21021] 7.142857e+00 0.000000e+00 0.000000e+00 2.424286e+02 2.498571e+02
## [21026] 0.000000e+00 1.428571e-01 7.000000e+00 5.315714e+02 2.000000e+01
## [21031] 1.100000e+01 8.571429e-01 1.304857e+03 7.014286e+01 1.328571e+01
## [21036] 2.585714e+01 2.115714e+02 4.857143e+00 1.600000e+01 4.857143e+00
## [21041] 1.184286e+02 2.142857e+00 4.857143e+00 8.714286e+00 6.171429e+01
## [21046] 3.142857e+00 3.000000e+00 1.571429e+00 2.985714e+01 1.285714e+00
## [21051] 7.142857e-01 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [21056] 0.000000e+00 9.671429e+01 1.385714e+01 9.714286e+00 7.142857e-01
## [21061] 4.282750e+03 2.775000e+01 3.625000e+01 1.196250e+02 2.095000e+02
## [21066] 5.625000e+00 0.000000e+00 0.000000e+00 7.125000e+00 2.026250e+02
## [21071] 0.000000e+00 0.000000e+00 2.956250e+02 1.125000e+00 5.875000e+00
## [21076] 1.825000e+01 7.575000e+02 2.287500e+01 7.600000e+01 1.575000e+01
## [21081] 3.125000e+00 1.237500e+01 1.438750e+02 4.750000e+00 2.750000e+00
## [21086] 8.000000e+00 1.875000e+00 9.025000e+01 3.625000e+00 3.375000e+00
## [21091] 6.250000e-01 4.212500e+01 1.375000e+00 1.625000e+00 2.500000e-01
## [21096] 2.837500e+01 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00
## [21101] 4.125000e+00 6.250000e+00 8.800000e+01 1.250000e-01 2.837500e+01
## [21106] 4.531750e+03 2.825000e+01 4.545000e+02 0.000000e+00 2.410000e+02
## [21111] 1.700000e+01 0.000000e+00 0.000000e+00 2.142500e+02 1.700000e+01

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## [21116] 0.000000e+00 4.500000e+00 2.692500e+02 2.212500e+01 1.500000e+00
## [21121] 7.770000e+02 1.762500e+01 9.375000e+01 1.462500e+01 1.643750e+02
## [21126] 2.037500e+01 3.875000e+00 4.750000e+00 4.250000e+00 1.375000e+00
## [21131] 1.212500e+01 1.087500e+02 2.250000e+00 4.750000e+00 5.887500e+01
## [21136] 3.750000e-01 8.225000e+01 1.375000e+00 1.000000e+00 5.000000e-01
## [21141] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.500000e+00
## [21146] 2.193750e+02 1.250000e-01 5.000000e-01 3.900000e+02 3.576625e+03
## [21151] 1.962500e+01 3.338750e+02 0.000000e+00 0.000000e+00 1.743750e+02
## [21156] 9.375000e+00 5.500000e+00 0.000000e+00 0.000000e+00 1.425000e+02
## [21161] 7.250000e+00 1.500000e+00 2.371250e+02 1.212500e+01 8.250000e+00
## [21166] 6.122500e+02 5.412500e+01 2.062500e+01 4.000000e+00 1.375000e+01
## [21171] 1.510000e+02 2.625000e+00 1.090000e+02 2.875000e+00 6.500000e+00
## [21176] 2.000000e+00 2.125000e+00 6.150000e+01 2.125000e+00 5.000000e-01
## [21181] 8.750000e-01 8.750000e-01 1.375000e+00 6.575000e+01 0.000000e+00
## [21186] 5.000000e-01 0.000000e+00 4.925000e+01 7.125000e+00 1.250000e-01
## [21191] 1.525000e+02 3.375000e+00 3.126250e+02 3.628500e+03 6.841250e+02
## [21196] 1.430000e+02 0.000000e+00 0.000000e+00 8.125000e+00 1.227500e+02
## [21201] 0.000000e+00 1.051250e+02 0.000000e+00 6.375000e+00 1.615000e+02
## [21206] 3.362500e+01 1.375000e+00 1.200000e+01 4.612500e+01 9.112500e+01
## [21211] 7.125000e+00 5.860000e+02 1.225000e+01 1.526250e+02 1.050000e+01
## [21216] 1.500000e+00 7.625000e+00 1.222500e+02 7.500000e-01 4.250000e+00
## [21221] 5.562500e+01 8.750000e-01 2.250000e+00 2.500000e+00 3.625000e+00
## [21226] 2.105000e+02 1.000000e+00 1.250000e+00 0.000000e+00 6.937500e+01
## [21231] 2.500000e-01 1.250000e-01 1.750000e+00 2.125000e+00 9.875000e+01
## [21236] 5.000000e-01 1.262500e+01 1.879750e+03 7.225750e+03 9.408750e+02
## [21241] 5.375000e+00 0.000000e+00 0.000000e+00 1.433750e+02 1.130000e+02
## [21246] 4.750000e+00 0.000000e+00 0.000000e+00 1.250000e+01 8.750000e-01
## [21251] 1.350000e+01 1.313750e+02 4.632500e+02 5.375000e+00 2.350000e+01
## [21256] 4.050000e+01 8.750000e+00 2.500000e+00 1.225000e+02 2.250000e+00
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## [21266] 3.000000e+00 4.575000e+01 1.250000e+00 1.000000e+01 0.000000e+00
## [21271] 5.000000e-01 5.942500e+02 4.737500e+01 0.000000e+00 3.750000e-01
## [21276] 2.500000e-01 2.625000e+00 1.037500e+02 3.750000e-01 2.500000e+00
## [21281] 3.592625e+03 9.800000e+01 9.500000e+00 6.037500e+02 0.000000e+00
## [21286] 8.487500e+01 0.000000e+00 5.125000e+00 7.262500e+01 0.000000e+00
## [21291] 4.750000e+00 0.000000e+00 1.522500e+02 6.250000e-01 9.125000e+00
## [21296] 3.750000e-01 4.503750e+02 3.625000e+00 4.887500e+01 2.625000e+00
## [21301] 1.105000e+02 1.875000e+00 9.500000e+00 7.500000e-01 9.587500e+01
## [21306] 0.000000e+00 2.000000e+00 6.875000e+00 3.060000e+02 0.000000e+00
## [21311] 1.000000e+00 1.312500e+01 3.750000e-01 0.000000e+00 7.226250e+02
## [21316] 1.050000e+01 2.750000e+01 1.250000e-01 0.000000e+00 2.500000e-01
## [21321] 3.000000e+00 7.037500e+01 0.000000e+00 5.000000e-01 3.321125e+03
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## [21336] 0.000000e+00 1.007500e+02 6.375000e+00 3.750000e-01 5.000000e-01
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## [21351] 3.750000e-01 2.375000e+00 5.848750e+02 1.250000e-01 1.023750e+02
## [21356] 2.875000e+00 3.548750e+02 7.500000e-01 1.525000e+01 6.250000e-01
## [21361] 0.000000e+00 3.750000e-01 1.700000e+01 0.000000e+00 2.500000e-01
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## [21371] 3.534000e+03 3.885000e+02 3.250000e+00 5.287500e+01 0.000000e+00
## [21376] 0.000000e+00 0.000000e+00 0.000000e+00 4.437500e+01 2.375000e+00
## [21381] 7.887500e+01 5.375000e+00 2.000000e+00 1.250000e-01 3.112500e+01

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## [21386] 2.843750e+02 2.750000e+00 7.875000e+00 5.875000e+00 8.225000e+01
## [21391] 2.500000e+00 1.750000e+00 1.087500e+01 2.760000e+02 2.500000e+00
## [21396] 8.750000e-01 4.487500e+01 1.625000e+00 2.861250e+02 1.250000e-01
## [21401] 5.000000e-01 5.125000e+00 1.466250e+02 1.250000e-01 2.500000e-01
## [21406] 0.000000e+00 0.000000e+00 1.700000e+01 2.000000e+00 1.250000e-01
## [21411] 3.987500e+01 5.875000e+00 6.137500e+01 3.875000e+00 2.541125e+03
## [21416] 1.125000e+01 0.000000e+00 0.000000e+00 2.000000e+00 4.700000e+01
## [21421] 0.000000e+00 3.650000e+01 1.125000e+00 0.000000e+00 6.375000e+00
## [21426] 2.250000e+00 8.650000e+01 2.500000e-01 2.675000e+02 6.125000e+00
## [21431] 1.850000e+01 8.750000e-01 3.875000e+00 5.000000e-01 5.975000e+01
## [21436] 2.000000e+00 1.500000e+00 6.625000e+00 1.598750e+02 6.250000e-01
## [21441] 7.500000e-01 2.462500e+01 2.500000e-01 1.371250e+02 0.000000e+00
## [21446] 1.375000e+00 0.000000e+00 7.537500e+01 0.000000e+00 6.375000e+00
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## [21466] 5.000000e-01 4.162500e+01 0.000000e+00 2.500000e-01 8.225000e+01
## [21471] 2.375000e+00 8.750000e-01 7.000000e+00 1.387500e+01 2.946250e+02
## [21476] 1.375000e+00 6.250000e-01 5.250000e+00 7.012500e+01 2.000000e+00
## [21481] 2.500000e-01 7.500000e-01 3.248750e+02 3.462500e+01 3.687500e+01
## [21486] 2.068750e+02 8.750000e-01 5.000000e-01 0.000000e+00 4.125000e+00
## [21491] 1.250000e-01 1.042500e+02 0.000000e+00 0.000000e+00 2.500000e-01
## [21496] 6.250000e+00 2.787500e+01 0.000000e+00 1.625000e+00 2.625000e+00
## [21501] 5.612000e+03 1.518125e+03 2.750000e+00 3.550000e+02 5.550000e+01
## [21506] 0.000000e+00 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00
## [21511] 5.087500e+01 8.750000e-01 1.750000e+00 3.875000e+00 1.021250e+02
## [21516] 1.250000e-01 3.558750e+02 1.125000e+01 2.312500e+01 8.750000e-01
## [21521] 3.000000e+00 1.125000e+00 3.563750e+02 2.175000e+01 1.500000e+00
## [21526] 2.500000e-01 4.488750e+02 1.047500e+02 5.000000e-01 2.268750e+02
## [21531] 3.750000e-01 4.550000e+01 9.362500e+01 0.000000e+00 1.250000e-01
## [21536] 6.000000e+00 0.000000e+00 1.037500e+01 0.000000e+00 0.000000e+00
## [21541] 4.975000e+01 2.500000e+00 0.000000e+00 2.625000e+00 1.525625e+03
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## [21556] 0.000000e+00 2.500000e+00 4.875000e+00 0.000000e+00 1.357500e+02
## [21561] 4.957500e+02 3.762500e+01 1.125000e+00 1.725000e+01 2.250000e+00
## [21566] 1.000000e+00 6.203750e+02 2.050000e+01 2.375000e+00 5.000000e-01
## [21571] 5.406250e+02 9.487500e+01 7.500000e-01 5.207500e+02 1.125000e+00
## [21576] 7.625000e+01 3.750000e-01 1.262500e+02 1.250000e-01 8.875000e+00
## [21581] 1.312500e+01 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [21586] 1.875000e+00 5.700000e+01 2.750000e+00 1.548125e+03 4.878500e+03
## [21591] 4.000000e+00 4.908750e+02 9.900000e+01 0.000000e+00 2.750000e+00
## [21596] 0.000000e+00 2.375000e+00 0.000000e+00 8.375000e+01 0.000000e+00
## [21601] 7.250000e+00 1.250000e-01 1.918750e+02 3.625000e+00 5.550000e+01
## [21606] 1.400375e+03 1.000000e+00 3.100000e+01 1.042500e+03 8.750000e-01
## [21611] 2.912500e+01 9.250000e+00 3.375000e+00 8.327500e+02 8.750000e-01
## [21616] 9.200000e+01 1.223250e+03 7.500000e-01 7.500000e-01 9.737500e+01
## [21621] 1.877500e+02 1.250000e-01 3.750000e-01 9.625000e+00 0.000000e+00
## [21626] 1.375000e+00 0.000000e+00 3.200000e+01 3.750000e+00 1.226250e+02
## [21631] 0.000000e+00 2.000000e+00 9.375000e+01 3.721250e+02 1.625000e+00
## [21636] 5.683875e+03 0.000000e+00 1.380000e+02 0.000000e+00 3.125000e+00
## [21641] 2.875000e+00 0.000000e+00 1.270000e+02 1.250000e-01 1.000000e+01
## [21646] 2.080000e+02 1.250000e-01 4.375000e+00 6.087500e+01 1.081250e+02
## [21651] 7.500000e-01 2.113750e+03 2.312500e+01 4.425000e+01 3.750000e-01

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## [21656] 1.059375e+03 5.000000e+00 9.963750e+02 1.022500e+02 2.500000e-01
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## [21666] 0.000000e+00 0.000000e+00 1.112500e+01 2.000000e+00 4.500000e+01
## [21671] 0.000000e+00 3.750000e-01 5.500000e+00 8.375000e+00 1.187500e+02
## [21676] 0.000000e+00 1.614125e+03 1.625000e+00 4.096250e+02 1.556088e+04
## [21681] 0.000000e+00 1.172500e+02 1.875000e+00 0.000000e+00 0.000000e+00
## [21686] 0.000000e+00 1.051250e+02 2.500000e+00 8.250000e+00 2.481250e+02
## [21691] 0.000000e+00 1.125000e+01 7.662500e+01 2.147500e+02 2.500000e-01
## [21696] 2.558500e+03 3.862500e+01 9.405000e+02 2.262500e+01 3.750000e-01
## [21701] 8.862500e+01 3.750000e-01 4.500000e+00 1.008250e+03 6.250000e-01
## [21706] 6.627500e+02 4.975000e+01 1.875000e+00 1.977500e+02 2.500000e-01
## [21711] 6.625000e+00 0.000000e+00 1.875000e+00 0.000000e+00 1.250000e-01
## [21716] 1.250000e-01 1.112500e+01 1.112500e+01 0.000000e+00 9.750000e+00
## [21721] 1.649750e+03 9.528375e+03 4.625000e+00 7.183750e+02 0.000000e+00
## [21726] 1.665000e+02 4.000000e+00 0.000000e+00 1.371250e+02 4.000000e+00
## [21731] 0.000000e+00 0.000000e+00 1.250000e-01 3.375000e+01 4.440000e+02
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## [21741] 3.062500e+01 1.193750e+03 1.210000e+02 1.000000e+00 1.012500e+01
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## [21751] 8.750000e-01 5.002500e+02 3.187500e+01 6.625000e+00 3.750000e-01
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## [21761] 2.500000e+00 1.087500e+01 1.578750e+02 4.000000e+00 0.000000e+00
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## [21771] 0.000000e+00 6.875000e+00 0.000000e+00 1.212500e+02 0.000000e+00
## [21776] 0.000000e+00 5.750000e+00 2.500000e+01 0.000000e+00 1.391250e+02
## [21781] 3.995000e+02 6.787500e+01 3.750000e-01 6.991250e+02 1.594250e+03
## [21786] 3.000000e+01 2.397500e+02 2.500000e-01 5.578750e+02 1.750000e+01
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## [21796] 3.000000e+00 4.787500e+01 2.020000e+02 1.125000e+01 0.000000e+00
## [21801] 5.950000e+01 1.250000e-01 0.000000e+00 1.625000e+00 0.000000e+00
## [21806] 7.875000e+00 0.000000e+00 4.250000e+00 1.067500e+02 2.350000e+01
## [21811] 2.090250e+03 3.750000e-01 5.357875e+03 8.762500e+01 0.000000e+00
## [21816] 8.750000e+00 0.000000e+00 1.575000e+02 0.000000e+00 8.125000e+00
## [21821] 0.000000e+00 1.006250e+02 1.975000e+01 3.562500e+02 0.000000e+00
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## [21831] 0.000000e+00 3.512500e+02 3.098750e+02 1.487500e+01 4.287500e+01
## [21836] 0.000000e+00 2.738750e+02 4.125000e+00 2.415000e+02 1.243750e+02
## [21841] 0.000000e+00 7.500000e-01 7.025000e+01 1.937500e+01 2.500000e-01
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## [21851] 0.000000e+00 5.125000e+00 3.787500e+01 1.107500e+02 0.000000e+00
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## [21866] 0.000000e+00 1.075000e+01 6.250000e+00 3.706250e+02 1.250000e-01
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## [21876] 4.250000e+00 3.420000e+02 3.673750e+02 1.250000e-01 1.355000e+02
## [21881] 1.125000e+00 1.250000e-01 2.855000e+02 2.866250e+02 3.750000e-01
## [21886] 7.262500e+01 0.000000e+00 1.155000e+02 0.000000e+00 2.625000e+01
## [21891] 4.562500e+01 1.250000e-01 0.000000e+00 5.000000e-01 0.000000e+00
## [21896] 1.000000e+00 1.492500e+02 0.000000e+00 4.075000e+01 1.375000e+00
## [21901] 1.112500e+02 1.108438e+04 1.625000e+00 1.668000e+03 1.457500e+02
## [21906] 0.000000e+00 0.000000e+00 6.375000e+00 6.875000e+01 0.000000e+00
## [21911] 7.250000e+00 0.000000e+00 1.430000e+02 1.637500e+01 2.838750e+02
## [21916] 1.250000e-01 1.531500e+03 2.500000e-01 6.700000e+01 9.507500e+02
## [21921] 2.935000e+02 1.650000e+01 1.250000e-01 4.356250e+02 1.141250e+02

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## [21926] 3.763750e+02 2.000000e+02 8.250000e+00 8.750000e-01 6.225000e+01
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## [21936] 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e+00
## [21941] 1.125000e+00 3.562500e+01 8.000000e+00 1.292500e+02 2.500000e-01
## [21946] 8.283750e+02 7.752125e+03 9.312500e+01 7.500000e-01 0.000000e+00
## [21951] 1.330000e+02 0.000000e+00 7.125000e+00 3.237500e+01 5.000000e+00
## [21956] 0.000000e+00 0.000000e+00 1.925000e+01 0.000000e+00 7.687500e+01
## [21961] 2.585000e+02 1.505750e+03 4.723750e+02 3.750000e-01 5.425000e+01
## [21966] 1.372500e+02 1.250000e-01 1.237500e+01 4.173750e+02 1.052500e+02
## [21971] 1.250000e-01 1.022500e+02 5.125000e+00 3.450000e+02 2.925000e+01
## [21976] 1.250000e-01 1.487500e+02 1.875000e+00 6.675000e+01 1.037500e+01
## [21981] 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 8.750000e-01
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## [21991] 7.500000e-01 8.037500e+01 6.617500e+02 1.925125e+03 0.000000e+00
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## [22001] 0.000000e+00 0.000000e+00 6.800000e+01 1.537500e+01 0.000000e+00
## [22006] 1.901250e+02 3.750000e-01 2.986250e+02 4.725000e+01 9.606250e+02
## [22011] 3.750000e-01 2.432500e+02 7.837500e+01 1.062500e+01 2.205000e+02
## [22016] 1.687500e+02 0.000000e+00 4.525000e+01 4.500000e+00 7.562500e+01
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## [22146] 2.875000e+00 1.250000e-01 2.587500e+01 1.030000e+02 6.900000e+01
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## [22996] 1.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23001] 1.750000e+00 0.000000e+00 0.000000e+00 3.750000e-01 1.250000e+00

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## [23006] 2.500000e-01 1.137500e+01 0.000000e+00 3.000000e+01 2.500000e-01
## [23011] 0.000000e+00 5.125000e+00 1.250000e-01 5.625000e+00 2.500000e-01
## [23016] 1.250000e-01 0.000000e+00 0.000000e+00 5.000000e-01 2.500000e-01
## [23021] 3.687500e+01 3.750000e-01 0.000000e+00 4.125000e+00 0.000000e+00
## [23026] 0.000000e+00 5.187500e+01 0.000000e+00 4.250000e+00 0.000000e+00
## [23031] 2.437500e+01 0.000000e+00 7.500000e-01 0.000000e+00 1.000000e+00
## [23036] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.050000e+01
## [23041] 6.250000e-01 1.250000e-01 5.000000e-01 0.000000e+00 0.000000e+00
## [23046] 5.000000e-01 1.375000e+00 1.141250e+02 8.750000e+00 0.000000e+00
## [23051] 0.000000e+00 0.000000e+00 2.625000e+00 0.000000e+00 0.000000e+00
## [23056] 0.000000e+00 0.000000e+00 0.000000e+00 3.625000e+00 2.500000e-01
## [23061] 0.000000e+00 0.000000e+00 0.000000e+00 9.875000e+00 0.000000e+00
## [23066] 2.500000e+00 3.750000e-01 2.662500e+01 1.000000e+00 1.250000e-01
## [23071] 0.000000e+00 1.250000e-01 4.000000e+00 0.000000e+00 1.750000e+00
## [23076] 0.000000e+00 3.875000e+00 0.000000e+00 1.250000e-01 2.587500e+01
## [23081] 0.000000e+00 1.750000e+00 1.250000e-01 0.000000e+00 3.612500e+01
## [23086] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.162500e+01
## [23091] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [23096] 1.250000e-01 0.000000e+00 2.250000e+00 0.000000e+00 1.250000e-01
## [23101] 1.725000e+01 0.000000e+00 1.846250e+02 1.625000e+00 1.875000e+00
## [23106] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 5.875000e+00
## [23111] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 2.875000e+00
## [23116] 3.750000e-01 0.000000e+00 1.100000e+01 3.750000e-01 5.000000e-01
## [23121] 3.000000e+00 1.125000e+00 0.000000e+00 3.300000e+01 1.000000e+00
## [23126] 1.250000e-01 0.000000e+00 0.000000e+00 7.500000e-01 8.875000e+00
## [23131] 1.250000e+00 0.000000e+00 1.250000e-01 5.750000e+00 4.900000e+01
## [23136] 1.250000e-01 0.000000e+00 6.025000e+01 0.000000e+00 6.875000e+00
## [23141] 0.000000e+00 0.000000e+00 2.250000e+01 0.000000e+00 1.250000e-01
## [23146] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01
## [23151] 0.000000e+00 0.000000e+00 5.000000e-01 1.250000e-01 9.000000e+00
## [23156] 1.250000e-01 1.250000e+00 1.137500e+01 2.075000e+01 2.673750e+02
## [23161] 0.000000e+00 3.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23166] 0.000000e+00 0.000000e+00 0.000000e+00 3.375000e+00 0.000000e+00
## [23171] 0.000000e+00 0.000000e+00 4.750000e+00 3.750000e-01 1.075000e+01
## [23176] 0.000000e+00 2.250000e+00 6.250000e+00 3.550000e+01 0.000000e+00
## [23181] 7.500000e-01 2.500000e-01 1.250000e-01 8.500000e+00 0.000000e+00
## [23186] 3.750000e-01 5.000000e-01 9.000000e+00 2.500000e-01 8.450000e+01
## [23191] 0.000000e+00 2.500000e-01 0.000000e+00 7.750000e+00 0.000000e+00
## [23196] 0.000000e+00 9.450000e+01 3.362500e+01 0.000000e+00 1.000000e+00
## [23201] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23206] 1.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00 5.500000e+00
## [23211] 1.250000e-01 2.500000e-01 2.375000e+00 3.606250e+02 0.000000e+00
## [23216] 1.000000e+00 9.625000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23221] 0.000000e+00 2.875000e+00 4.375000e+00 0.000000e+00 0.000000e+00
## [23226] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.100000e+01
## [23231] 0.000000e+00 4.625000e+00 3.750000e-01 3.925000e+01 0.000000e+00
## [23236] 8.750000e-01 4.875000e+00 0.000000e+00 1.287500e+01 0.000000e+00
## [23241] 3.750000e-01 1.250000e-01 1.000000e+00 1.101250e+02 0.000000e+00
## [23246] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 1.376250e+02
## [23251] 0.000000e+00 0.000000e+00 6.250000e-01 4.975000e+01 0.000000e+00
## [23256] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [23261] 0.000000e+00 0.000000e+00 2.000000e+00 1.250000e-01 0.000000e+00
## [23266] 0.000000e+00 0.000000e+00 5.625000e+00 8.750000e-01 2.625000e+00
## [23271] 0.000000e+00 3.875000e+00 3.601250e+02 0.000000e+00 0.000000e+00

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## [23276] 0.000000e+00 0.000000e+00 3.250000e+00 0.000000e+00 0.000000e+00
## [23281] 0.000000e+00 4.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [23291] 7.500000e-01 0.000000e+00 4.850000e+01 1.300000e+01 2.500000e-01
## [23296] 0.000000e+00 1.250000e-01 0.000000e+00 1.500000e+00 1.156250e+02
## [23301] 0.000000e+00 2.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23306] 0.000000e+00 1.240000e+02 7.500000e-01 0.000000e+00 0.000000e+00
## [23311] 0.000000e+00 0.000000e+00 4.775000e+01 0.000000e+00 0.000000e+00
## [23316] 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23321] 0.000000e+00 1.250000e-01 2.500000e-01 7.000000e+00 0.000000e+00
## [23326] 2.167500e+02 1.112500e+01 1.500000e+00 1.750000e+00 0.000000e+00
## [23331] 0.000000e+00 0.000000e+00 0.000000e+00 2.125000e+00 2.250000e+00
## [23336] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23341] 0.000000e+00 1.100000e+01 3.750000e-01 4.125000e+00 5.000000e-01
## [23346] 1.000000e+00 3.437500e+01 0.000000e+00 6.750000e+00 1.250000e-01
## [23351] 1.250000e-01 1.250000e-01 0.000000e+00 1.125000e+01 3.750000e-01
## [23356] 1.250000e-01 5.650000e+01 0.000000e+00 0.000000e+00 7.500000e-01
## [23361] 0.000000e+00 0.000000e+00 6.962500e+01 0.000000e+00 2.500000e-01
## [23366] 3.400000e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [23371] 0.000000e+00 7.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [23376] 0.000000e+00 0.000000e+00 0.000000e+00 7.000000e+00 0.000000e+00
## [23381] 0.000000e+00 1.500000e+00 1.112500e+01 1.750000e+00 2.167500e+02
## [23386] 0.000000e+00 2.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23391] 0.000000e+00 2.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23396] 4.125000e+00 3.750000e-01 0.000000e+00 1.100000e+01 0.000000e+00
## [23401] 0.000000e+00 6.750000e+00 1.000000e+00 3.437500e+01 5.000000e-01
## [23406] 0.000000e+00 1.250000e-01 1.250000e-01 1.125000e+01 1.250000e-01
## [23411] 3.750000e-01 0.000000e+00 1.250000e-01 5.650000e+01 0.000000e+00
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## [23426] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e-01
## [23431] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.000000e+00
## [23436] 0.000000e+00 0.000000e+00 1.125000e+00 0.000000e+00 1.787500e+01
## [23441] 8.837500e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23446] 1.375000e+00 0.000000e+00 1.750000e+00 0.000000e+00 0.000000e+00
## [23451] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 1.037500e+01
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## [23461] 0.000000e+00 5.000000e-01 5.500000e+00 2.500000e-01 0.000000e+00
## [23466] 0.000000e+00 8.750000e-01 0.000000e+00 2.150000e+01 0.000000e+00
## [23471] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [23491] 0.000000e+00 1.250000e-01 0.000000e+00 7.500000e-01 0.000000e+00
## [23496] 9.012500e+01 9.750000e+00 0.000000e+00 0.000000e+00 2.000000e+00
## [23501] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [23511] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.062500e+01
## [23516] 4.750000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [23536] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [23541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [23546] 5.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [23556] 0.000000e+00 1.375000e+00 0.000000e+00 0.000000e+00 1.000000e+00
## [23561] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [23566] 0.000000e+00 5.625000e+00 2.625000e+00 6.250000e-01 0.000000e+00
## [23571] 1.837500e+01 5.000000e+00 0.000000e+00 0.000000e+00 3.125000e+00
## [23576] 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00
## [23581] 9.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23586] 9.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23591] 0.000000e+00 0.000000e+00 0.000000e+00 4.250000e+00 0.000000e+00
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## [23601] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [23621] 0.000000e+00 6.125000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [23626] 3.750000e+00 1.550000e+01 0.000000e+00 5.000000e-01 0.000000e+00
## [23631] 1.250000e-01 0.000000e+00 2.500000e+00 0.000000e+00 2.625000e+00
## [23636] 0.000000e+00 1.150000e+01 0.000000e+00 1.250000e-01 0.000000e+00
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## [23671] 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23676] 1.250000e-01 0.000000e+00 7.375000e+00 1.750000e+00 0.000000e+00
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## [23686] 0.000000e+00 1.250000e-01 2.500000e-01 0.000000e+00 1.875000e+00
## [23691] 5.000000e-01 1.250000e-01 0.000000e+00 0.000000e+00 1.162500e+01
## [23696] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 1.087500e+01
## [23701] 0.000000e+00 4.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23706] 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [23711] 0.000000e+00 1.250000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23716] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
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## [23731] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [23741] 0.000000e+00 2.875000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23746] 0.000000e+00 5.000000e-01 0.000000e+00 7.500000e+00 0.000000e+00
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## [23776] 1.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 0.000000e+00
## [23781] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
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## [23801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23806] 5.250000e+00 1.250000e-01 0.000000e+00 0.000000e+00 1.250000e-01
## [23811] 0.000000e+00 7.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [23836] 7.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23841] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23846] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23851] 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00
## [23856] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e+00 0.000000e+00
## [23861] 0.000000e+00 2.125000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [23866] 0.000000e+00 7.500000e-01 0.000000e+00 3.875000e+00 0.000000e+00
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## [23986] 0.000000e+00 3.750000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [24001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24006] 0.000000e+00 3.375000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [24011] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24016] 0.000000e+00 1.325000e+01 0.000000e+00 5.000000e-01 0.000000e+00
## [24021] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24026] 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [24036] 1.250000e-01 7.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [24046] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [24051] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24056] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [24061] 0.000000e+00 3.750000e-01 0.000000e+00 2.500000e-01 3.000000e+00
## [24066] 6.125000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [24071] 0.000000e+00 1.625000e+00 4.375000e+00 7.625000e+00 4.250000e+00
## [24076] 1.250000e-01 0.000000e+00 4.050000e+01 0.000000e+00 0.000000e+00
## [24081] 0.000000e+00 0.000000e+00 4.262500e+01 0.000000e+00 0.000000e+00

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## [24091] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [24101] 6.300000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24106] 5.750000e+00 0.000000e+00 0.000000e+00 9.362500e+01 0.000000e+00
## [24111] 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00
## [24116] 4.975000e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01
## [24121] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24126] 0.000000e+00 0.000000e+00 0.000000e+00 1.750000e+00 0.000000e+00
## [24131] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24136] 1.250000e-01 2.125000e+00 1.250000e-01 0.000000e+00 1.250000e-01
## [24141] 3.662500e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01
## [24146] 3.875000e+00 1.575000e+01 1.350000e+01 0.000000e+00 0.000000e+00
## [24151] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e-01 5.000000e-01
## [24156] 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e-01 0.000000e+00
## [24161] 0.000000e+00 0.000000e+00 0.000000e+00 3.750000e-01 0.000000e+00
## [24166] 0.000000e+00 0.000000e+00 0.000000e+00 7.125000e+00 0.000000e+00
## [24171] 1.625000e+00 2.500000e-01 1.250000e+00 0.000000e+00 0.000000e+00
## [24176] 0.000000e+00 0.000000e+00 4.337500e+01 8.125000e+00 0.000000e+00
## [24181] 2.625000e+00 1.250000e-01 2.000000e+00 0.000000e+00 0.000000e+00
## [24186] 0.000000e+00 2.500000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [24191] 4.350000e+01 0.000000e+00 2.250000e+00 0.000000e+00 0.000000e+00
## [24196] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.862500e+01
## [24201] 3.375000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [24206] 0.000000e+00 1.250000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [24216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [24251] 4.333333e+00 1.825000e+02 1.500000e+00 4.553375e+03 1.250000e-01
## [24256] 3.333333e-01 6.350000e+01 1.159000e+03 1.666667e-01 4.461667e+02
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## [24266] 1.050000e+02 1.485812e+04 2.250000e+00 1.166667e+00 3.333333e-01
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## [24276] 1.666667e-01 8.248333e+02 1.666667e-01 3.220000e+02 1.666667e-01
## [24281] 2.953333e+02 1.166667e+00 4.822000e+03 3.333333e-01 4.103333e+02
## [24286] 1.946950e+04 1.352375e+03 3.500000e+00 7.000000e+00 3.048333e+02
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## [24301] 3.500000e+00 3.283333e+01 6.666167e+03 3.146667e+02 1.864500e+03
## [24306] 4.853750e+02 2.219100e+04 1.666667e-01 1.666667e-01 2.333333e+00
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## [24326] 5.287333e+03 5.216667e+01 2.146500e+03 5.305000e+02 1.805438e+04
## [24331] 1.337500e+02 3.833333e+00 2.040000e+02 6.000000e+00 3.492500e+03
## [24336] 4.933333e+01 3.183333e+01 1.717667e+03 1.124667e+03 1.933333e+01
## [24341] 5.425000e+02 1.900000e+01 5.283333e+01 4.706167e+03 3.833333e+00
## [24346] 1.500000e+01 5.437000e+03 1.353333e+02 1.497167e+03 6.250000e-01
## [24351] 2.163000e+03 1.927675e+04 1.833333e+00 5.000000e-01 7.833333e+00

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## [24366] 8.565000e+02 6.833333e+01 4.090000e+02 3.535500e+03 1.833333e+00
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## [24411] 2.107250e+04 5.587125e+03 1.666667e-01 1.666667e-01 4.166667e+00
## [24416] 3.333333e-01 1.300000e+01 1.848333e+02 2.333333e+01 2.463333e+02
## [24421] 2.123000e+03 2.971667e+02 1.172667e+03 1.915000e+02 1.348333e+02
## [24426] 1.463333e+02 9.100000e+02 9.450000e+01 1.198333e+02 6.895000e+02
## [24431] 2.198333e+02 8.410000e+02 7.806667e+03 8.776667e+02 4.166667e+00
## [24436] 5.000000e-01 1.666667e-01 2.993500e+03 2.110000e+02 2.183333e+02
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## [24456] 3.336667e+02 1.216667e+03 9.666667e+01 2.173333e+02 9.985000e+02
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## [24476] 1.596333e+03 2.900800e+04 3.373875e+03 1.250000e+00 1.097825e+04
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## [24496] 1.666667e-01 1.236667e+03 3.031667e+02 2.098667e+03 2.402167e+03
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## [24611] 3.592000e+03 1.512167e+03 1.090700e+04 3.333333e-01 6.580000e+03
## [24616] 6.100000e+02 9.720000e+02 1.000000e+01 6.666667e-01 2.323333e+02
## [24621] 1.485000e+02 3.873333e+03 4.343333e+02 2.950000e+01 1.003333e+03

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## [24626] 6.000000e+00 5.712625e+03 6.398750e+03 4.277800e+04 1.666667e-01
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## [24681] 6.041667e+02 3.333333e-01 1.069000e+03 6.346667e+02 3.384667e+03
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## [24691] 9.681667e+02 3.064833e+03 1.666667e-01 1.050000e+01 1.166667e+00
## [24696] 1.043333e+02 3.290000e+02 3.333333e-01 3.356667e+03 1.866667e+01
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## [24716] 8.333333e-01 1.445000e+03 3.896667e+02 1.666667e-01 5.146167e+03
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## [24791] 6.866667e+01 5.561667e+02 1.450000e+01 5.666667e+00 6.432667e+03
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## [24801] 4.775000e+02 1.038333e+02 1.194000e+03 4.118333e+02 2.986200e+04
## [24806] 2.293333e+03 8.498167e+03 1.564167e+03 2.214500e+03 3.446667e+02
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## [24876] 1.083333e+01 6.571667e+02 5.700000e+01 1.041500e+03 8.995000e+02
## [24881] 1.667867e+04 2.170000e+02 1.518167e+03 2.811667e+02 3.245317e+04
## [24886] 9.945000e+02 1.364067e+04 1.466833e+03 4.201667e+02 1.409500e+03
## [24891] 3.874000e+03 1.503167e+03 1.401833e+03 2.941667e+02 3.180000e+02

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## [24966] 8.620000e+02 4.036500e+04 4.846667e+02 2.807167e+03 1.421167e+03
## [24971] 1.267500e+03 1.293833e+03 2.676667e+02 1.099050e+04 1.988000e+03
## [24976] 4.231667e+02 1.419000e+03 9.347000e+03 2.811833e+03 1.270267e+04
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## [24996] 4.548333e+02 6.525000e+02 2.264512e+04 1.615138e+04 4.909250e+03
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## [25011] 4.723150e+04 7.196667e+02 3.156000e+03 1.136000e+03 9.312000e+03
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## [25156] 3.164167e+03 3.864500e+03 8.256667e+02 7.533333e+02 8.116667e+01
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## [25426] 1.940000e+02 9.516667e+01 2.253333e+02 5.883333e+01 3.016667e+01
## [25431] 1.251667e+02 3.633333e+01 1.666667e-01 7.900167e+03 6.666667e-01

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## [25916] 4.369000e+03 3.555000e+02 2.500000e+00 7.033333e+01 1.966667e+01
## [25921] 3.563500e+03 1.166667e+00 2.621667e+02 1.666667e-01 1.279167e+03
## [25926] 9.083333e+01 2.663667e+03 5.400000e+01 1.170000e+02 5.000000e-01
## [25931] 1.000000e+00 7.036667e+02 1.666667e-01 1.415000e+02 2.566625e+03
## [25936] 2.162112e+04 8.094250e+03 4.343812e+04 8.665000e+02 3.316667e+01
## [25941] 4.150000e+01 7.021667e+02 7.700000e+01 4.430000e+02 1.500000e+00
## [25946] 1.283500e+03 7.666667e+00 5.503333e+02 2.010333e+03 6.065167e+03
## [25951] 5.791667e+02 3.500000e+00 2.303333e+02 2.338667e+03 2.571667e+02
## [25956] 5.666667e+00 1.970000e+02 1.920833e+03 1.058333e+02 5.500000e+00
## [25961] 6.035000e+02 6.443667e+03 4.333333e+00 3.341667e+02 2.666667e+01
## [25966] 4.375667e+03 7.466667e+01 1.568667e+03 2.166667e+00 2.623667e+03
## [25971] 1.026667e+02 1.375000e+02 3.833333e+00 8.120000e+02 1.531667e+02

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## [25986] 8.333333e-01 6.745000e+02 1.286667e+02 9.498333e+02 1.333333e+00
## [25991] 2.841333e+03 9.131667e+03 5.000000e-01 4.545000e+02 3.433333e+03
## [25996] 7.710000e+02 2.977167e+03 8.333333e-01 4.531667e+02 3.805000e+02
## [26001] 1.648333e+02 9.452833e+03 1.322500e+03 1.333333e+00 8.493333e+02
## [26006] 6.666667e-01 4.033333e+01 6.476333e+03 2.254833e+03 1.080000e+02
## [26011] 2.653333e+02 3.517167e+03 1.666667e-01 1.391667e+02 7.166667e+00
## [26016] 1.410167e+03 5.220000e+02 2.583862e+04 6.253350e+04 4.875000e+00
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## [26051] 7.466667e+01 3.333333e-01 2.557167e+03 3.242667e+03 2.521667e+02
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## [26141] 3.774167e+03 1.666667e-01 3.333333e-01 1.343333e+02 8.333333e-01
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## [26511] 1.000000e+00 8.333333e-01 1.201667e+02 6.856667e+02 1.666667e+00

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## [26846] 2.188333e+02 1.171667e+02 9.833333e+00 1.666667e+00 4.133333e+02
## [26851] 6.533333e+01 3.083333e+01 7.283333e+01 2.033333e+01 2.433333e+01
## [26856] 2.388333e+02 1.500000e+00 1.000000e+01 1.405000e+02 3.333333e-01
## [26861] 1.500000e+01 1.333333e+00 1.666667e-01 5.166667e+00 5.033333e+01
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## [26891] 1.377667e+03 5.000000e-01 2.233333e+01 3.390000e+02 4.466667e+01
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## [27786] 3.333333e-01 6.666667e-01 3.916667e+01 2.650000e+02 3.091750e+04
## [27791] 8.627762e+04 4.875000e+00 1.237500e+02 1.250000e-01 1.037500e+01
## [27796] 2.166667e+00 3.616667e+01 1.666667e-01 5.000000e-01 2.616667e+01
## [27801] 2.166667e+00 1.666667e-01 5.000000e-01 6.166667e+00 1.166667e+00
## [27806] 9.333333e+00 2.500000e+00 1.023333e+02 3.966667e+01 7.750000e+01
## [27811] 8.166667e+00 6.471667e+02 3.833333e+00 1.000000e+00 1.833333e+00
## [27816] 4.131667e+02 1.933333e+01 3.733333e+01 9.166667e+00 5.000000e-01
## [27821] 6.666667e-01 1.004000e+03 8.233333e+01 3.266667e+01 1.265000e+02
## [27826] 6.666667e-01 1.666667e-01 4.566667e+01 1.518333e+03 9.518333e+02
## [27831] 7.433333e+01 2.150000e+01 7.150000e+01 3.333333e-01 4.333333e+00
## [27836] 1.000000e+00 1.316667e+01 1.216667e+01 8.333333e-01 1.668333e+02
## [27841] 1.500000e+00 3.083333e+01 3.788333e+02 2.010500e+03 8.489238e+04
## [27846] 7.375000e+00 2.382500e+02 2.500000e-01 1.000000e+00 8.750000e-01
## [27851] 8.625000e+00 3.233333e+01 1.966667e+01 6.666667e-01 1.616667e+01
## [27856] 1.750000e+01 2.333333e+00 7.666667e+00 1.666667e+00 5.650000e+01
## [27861] 5.566667e+01 1.000000e+00 6.833333e+00 1.666667e-01 1.666667e-01

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## [27871] 1.166667e+00 3.816667e+01 1.666667e-01 3.115000e+02 2.666667e+00
## [27876] 1.150000e+01 7.568333e+02 6.250000e+01 6.168333e+02 1.666667e-01
## [27881] 3.333333e-01 3.333333e-01 1.500000e+00 8.333333e-01 7.511667e+02
## [27886] 9.600000e+01 3.333333e-01 1.088167e+03 3.333333e-01 3.333333e-01
## [27891] 3.848333e+02 6.530000e+02 1.666667e-01 4.816667e+01 3.583333e+01
## [27896] 3.000000e+00 6.133333e+01 2.086667e+02 8.666667e+00 1.030000e+02
## [27901] 3.333333e-01 8.333333e-01 1.666667e-01 1.986667e+02 3.633333e+01
## [27906] 7.766667e+01 1.666667e-01 4.331250e+02 1.563750e+02 1.712500e+01
## [27911] 7.750000e+00 3.649875e+03 8.321675e+04 1.250000e-01 3.875000e+00
## [27916] 3.016667e+01 1.116667e+01 4.166667e+00 4.166667e+00 1.166667e+01
## [27921] 1.400000e+01 3.333333e-01 3.333333e-01 1.166667e+00 5.783333e+01
## [27926] 3.100000e+01 5.166667e+00 1.283333e+01 5.000000e-01 4.833333e+00
## [27931] 3.333333e+00 6.758333e+02 3.333333e+00 2.795000e+02 3.516667e+01
## [27936] 1.246667e+02 1.333333e+00 7.183333e+01 4.950000e+02 5.000000e-01
## [27941] 2.281667e+02 8.333333e-01 1.900000e+01 1.316667e+01 1.311667e+02
## [27946] 5.500000e+00 4.333333e+01 1.666667e-01 1.177500e+03 1.666667e-01
## [27951] 5.925000e+02 1.333333e+00 1.626667e+02 7.550000e+01 8.333333e+00
## [27956] 1.630500e+03 1.666667e+00 8.650000e+02 3.833333e+00 3.033333e+01
## [27961] 8.298333e+02 7.433333e+01 1.666667e+00 4.795000e+02 8.333333e+00
## [27966] 3.333333e-01 3.333333e-01 2.516667e+01 5.500000e+01 5.166667e+00
## [27971] 5.783333e+01 3.333333e-01 1.666667e-01 2.945000e+02 9.000000e+01
## [27976] 1.000000e+00 1.750000e+01 2.001667e+02 1.183333e+01 1.428333e+02
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## [27986] 9.750000e+00 2.257875e+03 1.721500e+03 1.666667e-01 1.683333e+01
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## [27996] 1.666667e-01 8.333333e+00 1.416667e+01 1.500000e+00 1.166667e+00
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## [28006] 1.550000e+01 1.718333e+02 1.666667e-01 7.666667e+00 4.783333e+02
## [28011] 2.100000e+01 3.000000e+00 3.686667e+02 2.876667e+02 8.166667e+00
## [28016] 2.681667e+02 1.278333e+02 6.666667e-01 2.333333e+00 1.066667e+01
## [28021] 8.833333e+00 7.246667e+02 1.316667e+01 8.333333e-01 3.515000e+02
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## [28041] 8.500000e+00 1.700000e+01 1.666667e-01 3.333333e-01 1.033333e+01
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## [28081] 1.666667e+00 1.666667e+00 1.833333e+00 2.016667e+01 5.666667e+00
## [28086] 2.113333e+02 2.700000e+01 1.036500e+03 2.933333e+02 7.833333e+00
## [28091] 1.733333e+01 1.166667e+00 1.050000e+01 5.000000e-01 2.751667e+02
## [28096] 1.681667e+02 6.941667e+02 1.300000e+01 4.410000e+02 3.333333e+01
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## [28186] 1.666667e-01 2.666667e+01 7.098333e+02 1.666667e-01 2.083333e+01
## [28191] 1.166667e+01 3.178333e+02 2.830000e+02 1.187667e+03 5.000000e-01
## [28196] 5.000000e+01 1.000000e+00 1.666667e-01 7.000000e+01 4.666667e+00
## [28201] 7.266667e+01 6.205000e+02 2.333333e+00 9.750000e+01 5.000000e-01
## [28206] 7.333333e+00 4.600000e+01 6.366667e+01 3.333333e+00 2.150000e+02
## [28211] 1.500000e+00 2.192857e+03 1.292857e+03 2.194312e+04 2.153914e+04
## [28216] 1.813500e+04 1.816232e+05 2.917100e+04 2.447486e+04 1.329270e+05
## [28221] 4.258943e+04 3.475671e+04 6.598438e+04 9.772625e+03 5.369629e+04
## [28226] 4.314629e+04 2.058000e+03 1.881290e+05 5.366729e+04 3.838857e+04
## [28231] 1.406635e+05 1.238538e+04 6.429571e+04 5.643243e+04 3.640750e+03
## [28236] 1.956189e+05 7.373757e+04 5.098929e+04 1.909528e+05 4.257000e+03
## [28241] 9.963412e+04 8.279786e+04 4.784743e+04 2.036212e+05 2.856125e+04
## [28246] 1.075401e+05 9.258257e+04 7.311171e+04 2.181865e+05 5.984125e+03
## [28251] 3.683750e+04 1.251980e+05 9.470271e+04 1.502929e+05 9.817250e+03
## [28256] 2.406372e+05 1.481493e+05 1.097223e+05 2.527701e+05 9.828938e+04
## [28261] 1.030538e+04 1.516836e+05 5.687757e+04 6.725200e+04 7.678875e+04
## [28266] 2.738172e+05 1.974224e+05 1.015036e+05 2.837168e+05 1.399395e+05
## [28271] 2.362550e+04 2.054477e+05 7.273043e+04 8.723100e+04 1.993650e+04
## [28276] 3.505754e+05 3.522286e+05 1.234231e+05 2.527800e+04 7.709625e+04
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## [28286] 6.557621e+05 3.231303e+05 1.840409e+05 2.937488e+04 6.051120e+05
## [28291] 3.589125e+04 1.233958e+05 3.619831e+05 3.141574e+05 7.057000e+04
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## [28301] 8.642790e+05 2.975650e+04 2.679576e+05 6.523762e+04 2.659057e+05
## [28306] 4.518311e+05 8.987449e+05 2.257159e+05 4.195875e+03 1.333434e+05
## [28311] 2.913899e+05 4.420787e+05 9.534500e+03 2.372538e+05 9.643450e+04
## [28316] 8.740804e+05 2.731247e+05 4.606443e+05 1.331531e+05 8.450066e+05
## [28321] 1.088255e+05 1.407261e+05 2.582271e+05 5.109420e+05 1.022489e+05
## [28326] 1.439315e+05 9.508524e+05 1.282280e+05 3.132536e+05 6.218291e+05
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## [28366] 3.503020e+05 1.300938e+04 7.590069e+05 4.913938e+04 1.923138e+04
## [28371] 8.711129e+04 3.200044e+05 6.484320e+05 2.647276e+05 1.749025e+04
## [28376] 1.455200e+04 6.283571e+04 2.901557e+05 1.851288e+04 9.979338e+04
## [28381] 5.750480e+05 3.342919e+05 5.310157e+04 2.787886e+05 4.787302e+05
## [28386] 8.435150e+04 5.866988e+04 1.785688e+04 4.027657e+04 2.145899e+05
## [28391] 3.811014e+05 1.384988e+04 4.784210e+05 3.343925e+04 3.198629e+04
## [28396] 1.715200e+05 1.847538e+04 4.292251e+05 1.814762e+04 2.838241e+05
## [28401] 3.285643e+04 1.391746e+05 2.645674e+05 1.102600e+04 1.997650e+04

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## [28406] 1.209125e+03 3.626871e+04 1.230214e+05 8.615125e+03 2.981792e+05
## [28411] 2.660225e+04 5.796350e+04 4.235786e+04 1.286826e+05 8.000375e+03
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## [28441] 9.262625e+03 8.840750e+03 4.591900e+04 7.611329e+04 2.179408e+05
## [28446] 1.166579e+05 7.963750e+03 7.911750e+03 6.620371e+04 8.209271e+04
## [28451] 6.412000e+03 2.350000e+02 2.844318e+05 1.033462e+04 8.752486e+04
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## [28481] 1.937500e+02 7.760430e+05 9.884301e+05 2.683475e+04 4.280819e+05
## [28486] 6.125241e+05 3.029050e+04 1.351250e+02 1.183225e+06 9.677148e+05
## [28491] 4.113881e+05 6.666517e+05 1.652658e+06 9.607225e+05 1.747500e+02
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## [28511] 4.427341e+05 4.382409e+05 2.495000e+02 2.069500e+03 1.411793e+05
## [28516] 4.101299e+05 2.315500e+03 2.158750e+02 4.099231e+05 7.201821e+05
## [28521] 9.945157e+04 3.243871e+05 6.911450e+05 2.969368e+05 2.403750e+02
## [28526] 1.978625e+03 6.931771e+04 2.396811e+05 8.875000e+01 1.830026e+05
## [28531] 6.351045e+05 1.663625e+03 4.455343e+04 1.560270e+05 3.960684e+05
## [28536] 8.212500e+02 9.437500e+01 9.786750e+04 4.491271e+04 1.175884e+05
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## [28546] 8.673371e+04 6.975000e+01 5.785088e+04 2.401954e+05 5.866250e+02
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## [28586] 7.254971e+04 3.486014e+04 8.012500e+01 1.897500e+02 5.847000e+03
## [28591] 1.751628e+05 3.501050e+04 7.528000e+04 3.050800e+04 3.522375e+03
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## [28651] 5.050000e+01 6.192112e+04 9.895125e+03 3.125000e+00 7.585000e+02
## [28656] 1.421100e+04 9.746000e+03 4.959088e+04 8.405500e+03 6.203750e+02
## [28661] 2.587500e+01 3.425000e+01 1.532829e+04 1.045214e+04 4.829300e+04
## [28666] 5.925000e+02 3.750000e+01 4.750000e+00 9.107625e+03 2.155757e+04
## [28671] 1.343914e+04 1.139025e+04 1.375000e+00 1.037500e+02 6.988750e+02

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## [28676] 6.555650e+04 2.030586e+04 1.272257e+04 6.546250e+02 7.625000e+00
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## [28691] 2.623286e+04 1.253714e+04 5.590000e+02 5.600000e+01 6.919200e+04
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## [28706] 1.035314e+04 7.800000e+01 3.125000e+00 7.539812e+04 1.176512e+04
## [28711] 1.780125e+03 1.674214e+04 8.778143e+03 5.562500e+01 2.508250e+03
## [28716] 1.650000e+01 5.761375e+04 9.372750e+03 1.539071e+04 8.226286e+03
## [28721] 8.624250e+03 5.402200e+04 1.112875e+03 4.062500e+01 8.750000e-01
## [28726] 1.404086e+04 8.296714e+03 1.091000e+03 6.150000e+01 1.237500e+01
## [28731] 8.665250e+03 5.126012e+04 1.525757e+04 7.520429e+03 5.046412e+04
## [28736] 8.283750e+03 6.250000e-01 4.037500e+01 6.932500e+02 1.377543e+04
## [28741] 7.343000e+03 1.125000e+00 5.338300e+04 2.690250e+03 8.267625e+03
## [28746] 6.937500e+01 1.128000e+04 6.623429e+03 2.372500e+02 7.015250e+03
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## [28766] 2.487843e+04 1.234943e+04 3.845188e+04 1.608350e+04 8.250000e+00
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## [28781] 8.565000e+02 2.384399e+05 1.762762e+04 8.325000e+02 3.735625e+03
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## [28791] 6.112500e+01 7.932500e+02 1.493906e+05 3.979125e+03 5.660000e+02
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## [28801] 4.822625e+03 8.712500e+01 2.531250e+03 1.354100e+04 3.772500e+02
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## [28916] 2.587500e+01 6.622500e+02 6.312500e+01 3.750000e-01 4.148750e+02
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## [29206] 1.250000e-01 1.250000e-01 3.250000e+00 1.667500e+02 2.500000e-01
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## [29656] 2.149000e+03 1.332812e+04 3.853750e+02 1.369588e+04 8.125000e+00
## [29661] 1.562500e+01 1.250000e-01 3.125000e+00 8.710000e+02 3.750000e+00
## [29666] 1.111550e+04 7.500000e-01 2.856250e+02 2.500000e-01 1.818500e+03
## [29671] 1.250000e-01 4.225000e+01 1.811250e+02 2.500000e-01 7.985000e+02
## [29676] 6.087500e+01 9.375000e+00 5.000000e-01 4.325000e+01 0.000000e+00
## [29681] 0.000000e+00 5.625000e+00 3.475000e+01 9.099425e+04 1.361550e+04
## [29686] 1.183125e+03 1.250000e+00 2.500000e-01 1.088625e+03 7.500000e-01
## [29691] 6.075000e+01 1.500000e+00 6.145000e+02 1.104975e+04 1.871625e+03
## [29696] 1.664562e+04 2.337500e+01 1.111750e+03 6.750000e+00 4.625000e+00
## [29701] 5.052500e+02 5.599000e+03 2.500000e+00 1.349388e+04 3.375000e+00
## [29706] 1.709750e+03 1.500000e+00 1.125000e+00 1.095375e+03 7.362500e+01
## [29711] 2.825000e+01 2.500000e-01 3.750000e-01 1.131250e+02 1.250000e-01
## [29716] 6.027500e+02 3.750000e+00 1.036250e+02 3.100000e+01 4.875000e+00
## [29721] 0.000000e+00 1.250000e-01 1.250000e-01 1.950000e+01 4.407500e+02
## [29726] 9.985575e+04 1.027938e+04 1.125000e+00 5.975000e+02 3.750000e-01
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## [29741] 8.526250e+02 2.750000e+00 1.250000e-01 2.625000e+00 1.896750e+03
## [29746] 1.125000e+00 1.234838e+04 4.150000e+01 1.625000e+00 3.750000e-01
## [29751] 7.128750e+02 2.712500e+01 2.500000e-01 1.091250e+02 0.000000e+00

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## [29771] 3.500000e+00 1.224500e+03 1.250000e-01 2.500000e-01 4.247500e+02
## [29776] 1.875000e+00 1.200000e+01 5.263250e+03 1.412500e+01 1.968750e+02
## [29781] 2.276500e+03 1.197188e+04 1.468375e+03 1.250000e-01 2.015338e+04
## [29786] 2.500000e+00 2.125000e+00 7.142500e+02 9.259375e+03 1.375000e+00
## [29791] 3.125000e+00 1.875000e+00 2.362500e+01 4.502500e+02 1.400000e+01
## [29796] 1.008750e+02 0.000000e+00 0.000000e+00 1.000000e+00 6.460000e+02
## [29801] 4.837500e+01 0.000000e+00 3.375000e+00 2.650000e+01 0.000000e+00
## [29806] 0.000000e+00 7.025000e+01 9.518750e+03 1.963766e+05 1.512500e+01
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## [29821] 2.345962e+04 5.912500e+01 7.948750e+03 1.062500e+01 1.875000e+00
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## [29831] 1.625000e+00 1.745000e+02 4.179750e+03 2.500000e-01 1.350000e+01
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## [29851] 3.252425e+04 3.662500e+01 1.250000e-01 2.125000e+01 2.500000e-01
## [29856] 1.250000e-01 4.612500e+02 2.500000e-01 1.250000e-01 2.422000e+03
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## [29866] 1.537500e+01 2.787500e+01 2.351612e+04 1.250000e-01 1.498325e+04
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## [29956] 5.043875e+03 1.187500e+01 1.362500e+01 1.406250e+02 7.500000e-01
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## [29991] 4.061625e+03 1.875000e+00 1.000000e+00 4.497500e+02 5.881000e+03
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## [30071] 2.526750e+03 4.875000e+00 8.502375e+03 7.875000e+00 1.207550e+04
## [30076] 7.001250e+02 4.975000e+01 7.500000e-01 3.750000e-01 1.250000e-01
## [30081] 7.500000e-01 2.500000e-01 2.488750e+02 2.900000e+01 4.750000e+00
## [30086] 3.750000e-01 9.175000e+01 3.450000e+01 5.750000e+00 0.000000e+00
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## [30096] 0.000000e+00 0.000000e+00 8.500000e+00 6.091000e+03 9.049000e+03
## [30101] 8.375000e+00 1.250000e-01 1.825000e+01 2.464625e+03 2.262500e+01
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## [30121] 2.662500e+01 1.838750e+02 7.025000e+01 3.750000e-01 2.500000e-01
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## [30146] 9.593750e+02 9.375000e+01 3.750000e-01 3.500000e+00 7.500000e+00
## [30151] 2.883000e+03 4.099875e+03 3.100000e+01 6.250000e-01 3.573750e+02
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## [30271] 1.250000e-01 4.301250e+02 3.337500e+01 3.887500e+01 6.985000e+02
## [30276] 2.500000e-01 3.750000e-01 1.146875e+03 4.612500e+01 6.112500e+01
## [30281] 0.000000e+00 0.000000e+00 1.087500e+01 0.000000e+00 0.000000e+00
## [30286] 2.475000e+01 1.420125e+03 2.976375e+03 2.625000e+00 1.038250e+03
## [30291] 4.375000e+00 9.125000e+00 5.035000e+02 1.887500e+01 4.086250e+02

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## [30451] 2.431250e+02 1.250000e-01 3.750000e-01 3.612500e+01 3.485000e+02
## [30456] 2.125000e+00 1.625000e+00 7.470000e+02 2.819000e+03 1.579250e+03
## [30461] 7.500000e-01 1.596250e+02 2.500000e-01 1.196250e+02 1.748625e+03
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## [30606] 0.000000e+00 1.056250e+02 1.250000e-01 2.335738e+04 3.369250e+03
## [30611] 3.750000e+00 3.000000e+00 1.250000e-01 2.500000e-01 1.125000e+00
## [30616] 7.711250e+02 3.988750e+02 2.125000e+00 6.265000e+02 1.250000e-01
## [30621] 6.087500e+01 3.750000e-01 1.875000e+00 1.007375e+03 2.000000e+00
## [30626] 2.762375e+03 2.641250e+02 9.981250e+02 5.000000e-01 8.750000e-01
## [30631] 1.125000e+00 1.250000e-01 8.750000e-01 2.621250e+02 1.394000e+03
## [30636] 1.250000e-01 1.439938e+04 1.250000e-01 4.795000e+02 1.250000e-01
## [30641] 3.177000e+03 1.295250e+03 0.000000e+00 0.000000e+00 2.000000e+00
## [30646] 6.875000e+02 0.000000e+00 1.493250e+03 0.000000e+00 0.000000e+00
## [30651] 1.275000e+02 1.450000e+01 0.000000e+00 0.000000e+00 1.250000e-01
## [30656] 3.194000e+03 2.373162e+04 4.125000e+00 5.750000e+00 2.500000e-01
## [30661] 3.401250e+03 5.000000e-01 5.042500e+02 1.250000e-01 2.125000e+00
## [30666] 1.000000e+00 5.000000e-01 6.962500e+01 8.458750e+02 4.500000e+00
## [30671] 1.026375e+03 3.199625e+03 2.000000e+00 1.250000e-01 1.250000e-01
## [30676] 1.106250e+03 7.500000e-01 2.662500e+02 6.250000e-01 6.900000e+01
## [30681] 1.250000e-01 2.323375e+03 3.517500e+02 7.500000e-01 1.250000e-01
## [30686] 1.250000e-01 1.365900e+04 5.770000e+02 2.597500e+03 9.030000e+02
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## [30696] 0.000000e+00 0.000000e+00 0.000000e+00 1.350000e+01 1.293750e+02
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## [30716] 3.875000e+00 3.713375e+03 1.355500e+03 1.750000e+00 3.671500e+03
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## [31371] 5.275000e+01 4.725000e+01 3.000000e+00 1.875000e+01 4.000000e+00

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## [31511] 2.625000e+00 2.900000e+01 1.250000e-01 1.250000e-01 2.087500e+01
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## [31571] 3.125000e+01 1.287500e+01 8.000000e+00 1.250000e-01 1.166250e+02
## [31576] 7.250000e+00 2.500000e-01 2.276250e+02 2.500000e-01 1.561250e+02
## [31581] 4.575000e+01 3.000000e+00 1.762500e+01 2.150000e+01 2.750000e+00
## [31586] 2.887500e+01 1.950000e+01 1.750000e+00 2.125000e+00 8.250000e+00
## [31591] 0.000000e+00 0.000000e+00 0.000000e+00 6.250000e-01 9.250000e+00
## [31596] 3.750000e-01 0.000000e+00 3.000000e+00 0.000000e+00 0.000000e+00
## [31601] 3.750000e-01 1.250000e-01 1.491250e+02 3.941250e+02 1.225000e+01
## [31606] 3.012500e+01 8.875000e+00 5.250000e+00 1.091250e+02 1.357500e+02
## [31611] 2.005000e+02 1.250000e-01 3.750000e-01 4.112500e+01 4.125000e+00
## [31616] 1.587500e+01 1.137500e+01 2.212500e+01 1.750000e+00 1.537500e+01
## [31621] 1.000000e+00 1.250000e+00 5.875000e+00 6.875000e+00 0.000000e+00
## [31626] 0.000000e+00 2.750000e+00 0.000000e+00 1.500000e+00 0.000000e+00
## [31631] 0.000000e+00 0.000000e+00 0.000000e+00 4.122500e+02 5.000000e-01
## [31636] 2.500000e-01 1.505000e+02 1.350000e+01 3.200000e+01 9.250000e+00
## [31641] 1.250000e-01 7.875000e+00 1.126250e+02 1.358750e+02 2.178750e+02

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## [31656] 1.000000e+00 8.750000e-01 5.500000e+00 0.000000e+00 6.250000e+00
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## [31671] 1.246250e+02 1.312500e+01 1.250000e-01 3.675000e+01 8.250000e+00
## [31676] 5.250000e+00 1.033750e+02 1.250000e-01 1.115000e+02 2.500000e-01
## [31681] 1.890000e+02 3.337500e+01 3.125000e+00 1.250000e-01 2.100000e+01
## [31686] 1.525000e+01 1.787500e+01 1.625000e+00 1.300000e+01 2.000000e+00
## [31691] 1.125000e+00 3.500000e+00 0.000000e+00 6.000000e+00 0.000000e+00
## [31696] 1.375000e+00 0.000000e+00 0.000000e+00 6.250000e-01 0.000000e+00
## [31701] 1.136250e+02 1.250000e-01 7.500000e-01 3.361250e+02 3.075000e+01
## [31706] 1.150000e+01 1.250000e-01 1.250000e-01 8.000000e+00 1.003750e+02
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## [31886] 9.900000e+01 1.250000e-01 5.000000e-01 1.005000e+02 1.250000e-01
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## [31896] 3.100000e+01 2.750000e+00 3.250000e+01 3.250000e+00 4.500000e+00
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## [31906] 1.250000e-01 0.000000e+00 0.000000e+00 6.000000e+00 2.500000e-01
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## [31971] 0.000000e+00 0.000000e+00 2.250000e+00 0.000000e+00 2.500000e-01
## [31976] 0.000000e+00 6.975000e+01 2.500000e-01 1.250000e-01 3.893750e+02
## [31981] 6.125000e+00 2.125000e+00 2.250000e+00 2.625000e+00 3.812500e+01
## [31986] 8.812500e+01 1.250000e-01 1.250000e-01 4.375000e+01 1.250000e-01
## [31991] 1.875000e+00 4.150000e+01 4.125000e+00 4.750000e+00 6.500000e+00
## [31996] 5.712500e+01 6.375000e+00 9.800000e+01 6.650000e+01 8.625000e+00
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## [32006] 0.000000e+00 0.000000e+00 5.125000e+00 2.500000e-01 0.000000e+00
## [32011] 5.825000e+01 5.000000e-01 3.473750e+02 2.000000e+00 4.750000e+00
## [32016] 3.125000e+00 1.250000e-01 1.750000e+00 3.412500e+01 3.750000e-01
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## [32026] 3.250000e+00 4.125000e+00 5.912500e+01 8.575000e+01 5.125000e+00
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## [32041] 3.891250e+02 3.750000e-01 1.250000e-01 5.712500e+01 7.500000e-01
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## [32111] 1.250000e-01 0.000000e+00 3.750000e-01 4.362500e+01 1.250000e-01
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## [32171] 0.000000e+00 0.000000e+00 9.500000e+00 1.750000e+00 0.000000e+00
## [32176] 1.250000e-01 8.000000e+00 0.000000e+00 2.500000e-01 6.250000e-01
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## [32211] 0.000000e+00 2.500000e-01 0.000000e+00 7.150000e+01 1.250000e+00
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## [32291] 1.250000e-01 1.425000e+01 3.575000e+01 2.500000e-01 4.112500e+01
## [32296] 4.031250e+02 1.337500e+01 1.812500e+01 1.275625e+03 1.250000e-01
## [32301] 2.950000e+01 3.300000e+01 1.700000e+01 3.210500e+03 1.250000e-01
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## [32366] 2.325000e+01 4.875000e+00 3.625000e+01 3.007500e+02 2.354875e+03
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## [32401] 4.112500e+01 6.087500e+01 1.412500e+01 3.750000e-01 7.762500e+01
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## [32431] 4.962500e+01 1.250000e-01 1.062125e+03 4.471250e+02 2.492000e+03
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## [32496] 3.787500e+01 2.309750e+03 2.914750e+03 3.333750e+02 1.250000e-01
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## [32541] 3.750000e-01 3.937500e+01 6.237500e+02 1.109750e+04 1.352500e+02
## [32546] 7.825000e+01 3.100000e+01 6.250000e-01 1.125000e+00 1.250000e-01
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## [32556] 1.250000e-01 1.246125e+03 5.475625e+03 2.462500e+01 8.850000e+01
## [32561] 6.312500e+01 6.051250e+02 1.462500e+01 1.290000e+02 4.462500e+01
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## [32576] 2.175000e+01 9.625000e+00 8.750000e-01 2.258675e+04 3.673875e+03
## [32581] 1.250000e-01 3.012500e+02 4.311250e+02 4.227500e+02 7.500000e-01
## [32586] 2.500000e-01 6.250000e-01 1.125000e+00 1.750000e+00 1.250000e+00
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## [32596] 1.625000e+01 9.912500e+01 1.000000e+01 1.501250e+02 3.837500e+01
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## [33491] 1.750000e+00 1.180712e+04 2.398875e+03 3.498125e+03 1.822375e+03
## [33496] 4.680000e+02 8.137500e+01 3.725000e+01 1.962500e+01 6.705000e+02
## [33501] 2.486500e+03 2.065000e+02 2.717500e+02 2.038750e+02 1.860375e+03
## [33506] 1.581250e+02 4.825000e+01 9.662500e+01 1.675000e+01 8.940000e+02
## [33511] 4.705000e+02 2.837500e+01 3.716250e+02 6.250000e+00 2.682500e+02
## [33516] 1.387500e+01 6.075000e+01 7.375000e+00 1.262500e+02 0.000000e+00
## [33521] 1.250000e-01 2.875000e+00 1.800000e+02 0.000000e+00 1.625000e+00
## [33526] 1.250000e-01 8.750000e-01 3.750000e-01 3.300000e+01 6.875000e+00
## [33531] 3.625000e+00 3.125000e+00 0.000000e+00 1.750000e+00 1.250000e-01

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## [33536] 1.045962e+04 1.830375e+03 1.867500e+02 3.590500e+03 7.862500e+01
## [33541] 1.212500e+01 1.908750e+02 2.287500e+01 3.013750e+02 1.372500e+02
## [33546] 1.113625e+03 1.108750e+02 6.048750e+02 5.225000e+01 1.091250e+02
## [33551] 3.300000e+01 3.615000e+02 2.553750e+02 1.462500e+01 2.925000e+01
## [33556] 2.377500e+02 7.087500e+01 1.325000e+01 2.375000e+00 3.400000e+01
## [33561] 5.625000e+00 3.000000e+00 3.275000e+01 1.500000e+00 1.250000e-01
## [33566] 5.000000e-01 2.171250e+02 1.250000e-01 0.000000e+00 1.250000e-01
## [33571] 5.000000e-01 1.750000e+00 3.000000e+00 1.175000e+01 3.750000e-01
## [33576] 0.000000e+00 1.250000e-01 7.500000e-01 0.000000e+00 9.413750e+02
## [33581] 1.923125e+03 1.234488e+04 4.045000e+02 9.000000e+00 5.837500e+01
## [33586] 4.212500e+01 3.036250e+02 3.286250e+02 1.000000e+02 2.377500e+02
## [33591] 2.996625e+03 6.750000e+01 1.111250e+02 5.055000e+02 8.225000e+01
## [33596] 2.398750e+02 3.662500e+01 6.650000e+01 3.931250e+02 7.275000e+01
## [33601] 2.500000e+01 1.100000e+01 2.778750e+02 1.237500e+01 9.500000e+00
## [33606] 3.650000e+01 5.025000e+01 3.592500e+02 1.250000e+00 1.250000e-01
## [33611] 8.750000e-01 1.375000e+00 1.250000e-01 0.000000e+00 5.000000e-01
## [33616] 7.832125e+03 1.347375e+03 2.088750e+02 1.474000e+03 5.737500e+01
## [33621] 6.903750e+02 2.525000e+01 2.750000e+00 1.536250e+02 2.596250e+02
## [33626] 2.625000e+01 2.667625e+03 6.650000e+01 5.100000e+01 4.222500e+02
## [33631] 2.375000e+01 2.590000e+02 2.562500e+01 4.187500e+01 8.637500e+01
## [33636] 8.775000e+01 9.750000e+00 1.550000e+01 5.450000e+01 6.500000e+00
## [33641] 4.887500e+01 1.525000e+01 8.750000e+00 3.750000e-01 0.000000e+00
## [33646] 4.852500e+02 6.250000e-01 0.000000e+00 1.000000e+00 8.750000e-01
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## [33656] 4.687500e+01 3.475000e+01 1.250000e+00 6.103750e+02 2.837500e+02
## [33661] 2.232750e+03 1.375000e+01 1.528750e+02 8.700000e+01 3.861250e+02
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## [33686] 1.250000e-01 2.375000e+00 7.825250e+03 3.950000e+01 5.272500e+02
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## [33696] 8.612500e+01 1.162500e+01 2.848750e+02 2.469375e+03 5.007500e+02
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## [33706] 2.312500e+01 1.150000e+01 2.037500e+01 1.226250e+02 5.250000e+00
## [33711] 8.875000e+00 1.287500e+01 6.075000e+01 4.250000e+00 1.125000e+00
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## [33721] 0.000000e+00 1.625000e+00 0.000000e+00 6.854750e+03 9.616250e+02
## [33726] 4.762500e+01 1.644862e+04 4.387500e+01 2.500000e+00 4.927500e+02
## [33731] 4.050000e+01 2.031250e+02 1.744125e+03 1.300000e+01 1.836250e+02
## [33736] 4.065000e+02 1.550000e+01 6.525000e+01 6.412500e+01 2.675000e+02
## [33741] 1.175000e+01 3.475000e+01 5.950000e+01 3.125000e+00 9.500000e+00
## [33746] 9.625000e+01 2.275000e+01 1.750000e+00 9.375000e+00 4.512500e+01
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## [33776] 1.150000e+01 2.906250e+02 4.475000e+01 4.375000e+01 2.000000e+00
## [33781] 1.130000e+02 1.700000e+01 1.162500e+01 7.625000e+00 7.500000e-01
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## [33791] 3.000000e+01 0.000000e+00 6.250000e-01 1.000000e+00 2.500000e-01
## [33796] 3.897500e+02 2.775000e+01 2.180375e+03 6.065875e+03 7.450000e+01
## [33801] 8.750000e-01 4.600000e+01 4.896250e+02 2.782500e+02 2.202500e+02

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## [33826] 2.500000e-01 7.588750e+02 2.125000e+00 0.000000e+00 3.750000e-01
## [33831] 2.625000e+00 2.287500e+01 5.321750e+03 1.283750e+02 3.694750e+03
## [33836] 2.500000e-01 3.946250e+02 1.512500e+01 1.005000e+02 7.150000e+01
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## [33846] 2.500000e+01 9.875000e+00 9.750000e+00 2.727500e+02 5.625000e+01
## [33851] 5.000000e+00 1.025000e+02 2.587500e+01 2.375000e+00 2.000000e+00
## [33856] 1.025000e+01 5.000000e+00 3.750000e-01 5.262500e+01 5.157500e+02
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## [33876] 5.250000e+00 3.825000e+01 1.377375e+03 3.318750e+02 1.125000e+01
## [33881] 9.387500e+01 6.250000e+00 3.608750e+02 8.175000e+01 6.125000e+00
## [33886] 2.705000e+02 8.000000e+00 2.762500e+01 2.000000e+00 1.032500e+02
## [33891] 2.500000e+00 5.387500e+01 3.875000e+00 1.537500e+01 5.000000e-01
## [33896] 0.000000e+00 4.912500e+01 2.500000e-01 6.130000e+02 0.000000e+00
## [33901] 1.362500e+01 3.500000e+00 1.625000e+00 6.275000e+01 5.801000e+03
## [33906] 1.000000e+01 4.790000e+02 2.500000e-01 8.500000e+00 3.420000e+02
## [33911] 6.537500e+01 2.250000e+00 3.612500e+01 1.148625e+03 2.487500e+02
## [33916] 3.000000e+00 3.097500e+02 7.875000e+01 8.875000e+00 3.625000e+00
## [33921] 2.062500e+02 4.375000e+00 5.587500e+01 7.500000e-01 1.975000e+01
## [33926] 9.000000e+01 2.500000e+00 1.050000e+01 1.250000e-01 4.812500e+01
## [33931] 2.375000e+00 7.500000e-01 4.737500e+01 0.000000e+00 5.026250e+02
## [33936] 0.000000e+00 2.625000e+00 2.500000e-01 0.000000e+00 5.721250e+02
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## [33951] 1.028375e+03 5.625000e+00 8.312500e+01 2.976250e+02 1.625000e+00
## [33956] 2.380000e+02 1.500000e+00 1.875000e+00 7.412500e+01 2.587500e+01
## [33961] 3.750000e-01 7.500000e-01 9.712500e+01 5.000000e-01 1.000000e+00
## [33966] 5.162500e+01 1.575000e+01 4.270000e+02 5.175000e+01 2.500000e-01
## [33971] 0.000000e+00 1.250000e-01 0.000000e+00 3.500000e+00 1.000000e+00
## [33976] 7.023750e+02 5.375000e+00 4.717125e+03 4.743750e+02 1.550000e+01
## [33981] 6.887500e+01 5.000000e-01 3.281250e+02 1.068750e+02 1.086375e+03
## [33986] 2.250000e+00 2.823750e+02 8.762500e+01 3.007500e+02 1.000000e+00
## [33991] 2.987500e+01 6.812500e+01 2.188750e+02 1.000000e+00 1.400000e+01
## [33996] 9.200000e+01 2.775000e+01 4.375000e+00 3.750000e-01 2.500000e-01
## [34001] 3.750000e+00 1.762500e+01 5.850000e+01 4.428750e+02 5.000000e-01
## [34006] 5.325000e+01 0.000000e+00 1.250000e-01 3.750000e-01 8.750000e-01
## [34011] 0.000000e+00 4.711125e+03 3.375000e+00 9.546250e+02 2.137125e+03
## [34016] 3.180000e+02 3.400000e+01 6.525000e+01 6.250000e-01 1.058125e+03
## [34021] 2.512500e+02 1.500000e+00 1.590000e+02 8.437500e+01 4.712500e+01
## [34026] 2.900000e+02 3.750000e-01 2.301250e+02 6.250000e-01 6.500000e+01
## [34031] 2.812500e+01 1.098750e+02 2.375000e+01 9.625000e+00 0.000000e+00
## [34036] 2.500000e-01 7.250000e+01 1.500000e+01 9.250000e+00 4.176250e+02
## [34041] 0.000000e+00 6.850000e+01 2.500000e-01 2.500000e-01 0.000000e+00
## [34046] 2.875000e+00 0.000000e+00 1.750000e+00 1.550375e+03 6.938625e+03
## [34051] 2.438750e+02 0.000000e+00 2.550000e+01 4.450000e+01 1.991250e+02
## [34056] 5.000000e-01 1.763750e+02 1.315000e+02 6.215000e+02 4.987500e+01
## [34061] 0.000000e+00 3.925000e+01 1.698750e+02 1.388750e+02 2.625000e+01
## [34066] 4.800000e+01 7.500000e-01 1.162500e+01 3.750000e-01 1.950000e+01
## [34071] 6.387500e+01 4.162500e+01 1.250000e-01 9.750000e+00 1.212500e+01

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## [34076] 2.607500e+02 5.137500e+01 3.750000e-01 0.000000e+00 1.500000e+00
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## [34171] 3.720000e+02 4.112500e+01 4.450000e+01 5.000000e-01 3.932500e+02
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## [34201] 1.208750e+02 1.250000e-01 1.158500e+03 4.050000e+01 1.250000e-01
## [34206] 7.862500e+01 5.972500e+02 7.991250e+02 5.087500e+01 4.212500e+01
## [34211] 7.500000e-01 2.462500e+01 2.500000e-01 9.026250e+02 1.600000e+01
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## [34251] 1.203750e+03 2.500000e-01 4.137500e+01 1.087500e+01 1.113500e+03
## [34256] 2.453750e+02 1.000000e+00 3.925000e+01 0.000000e+00 3.750000e-01
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## [34316] 1.865000e+02 1.250000e-01 8.851250e+02 1.237500e+01 1.286250e+02
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## [34431] 8.237500e+01 1.250000e-01 2.535000e+02 2.437500e+01 2.250000e+00
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## [34451] 1.737500e+01 2.682500e+02 0.000000e+00 6.700000e+01 1.148625e+03
## [34456] 1.885000e+02 0.000000e+00 1.075000e+01 8.342500e+02 8.803750e+02
## [34461] 1.250000e-01 1.495000e+02 6.250000e+00 0.000000e+00 7.237500e+01
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## [34536] 1.925000e+02 0.000000e+00 3.225000e+01 8.750000e-01 6.250000e-01
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## [34546] 9.250000e+00 2.797500e+02 0.000000e+00 3.750000e-01 2.500000e-01
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## [36451] 1.875000e+00 0.000000e+00 0.000000e+00 4.625000e+00 0.000000e+00
## [36456] 2.500000e-01 1.875000e+00 0.000000e+00 7.500000e-01 0.000000e+00
## [36461] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36466] 0.000000e+00 0.000000e+00 1.250000e-01 1.785714e+01 0.000000e+00
## [36471] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [36476] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36481] 4.285714e-01 2.500000e+01 0.000000e+00 0.000000e+00 1.250000e-01
## [36486] 3.750000e-01 1.256250e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [36491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36501] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [36506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36521] 1.428571e-01 1.342857e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [36526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.857143e-01
## [36531] 1.142857e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36536] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36546] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [36551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36556] 0.000000e+00 1.571429e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36561] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36581] 0.000000e+00 6.457143e+01 0.000000e+00 1.000000e+00 0.000000e+00
## [36586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.142857e-01
## [36591] 0.000000e+00 4.695714e+02 0.000000e+00 0.000000e+00 1.500000e+00
## [36596] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.094862e+04
## [36601] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36741] 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36751] 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36761] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36766] 1.428571e-01 7.754286e+02 1.142857e+00 2.857143e-01 0.000000e+00
## [36771] 0.000000e+00 0.000000e+00 1.142857e+00 2.642857e+01 0.000000e+00

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## [36776] 2.857143e-01 0.000000e+00 1.142857e+00 0.000000e+00 0.000000e+00
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## [36786] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [36791] 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [36796] 0.000000e+00 0.000000e+00 5.714286e-01 5.601286e+03 1.428571e-01
## [36801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.385714e+01
## [36806] 0.000000e+00 0.000000e+00 0.000000e+00 2.000000e+00 8.857143e+00
## [36811] 1.573143e+03 1.428571e-01 2.285714e+00 3.717143e+03 0.000000e+00
## [36816] 0.000000e+00 0.000000e+00 0.000000e+00 8.571429e-01 0.000000e+00
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## [36836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [36861] 0.000000e+00 1.366286e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [36866] 0.000000e+00 4.285714e-01 5.714286e-01 0.000000e+00 1.428571e-01
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## [36876] 5.432857e+02 7.142857e-01 1.714286e+00 0.000000e+00 0.000000e+00
## [36881] 0.000000e+00 0.000000e+00 4.000000e+00 1.835714e+02 0.000000e+00
## [36886] 0.000000e+00 0.000000e+00 1.428571e-01 5.714286e-01 0.000000e+00
## [36891] 0.000000e+00 8.462857e+02 3.142857e+00 7.142857e-01 0.000000e+00
## [36896] 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [36901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [36906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.857143e-01
## [36911] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.857143e-01
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## [37011] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37021] 0.000000e+00 0.000000e+00 0.000000e+00 1.873000e+03 2.857143e-01
## [37026] 5.714286e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37036] 1.200000e+01 4.285714e-01 0.000000e+00 0.000000e+00 2.000000e+00
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## [37046] 1.175000e+01 1.225000e+01 2.700525e+04 3.750000e-01 0.000000e+00
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## [37111] 0.000000e+00 0.000000e+00 2.857143e-01 7.857143e+00 2.120000e+02
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## [37201] 1.285714e+00 8.571429e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [37206] 2.255143e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37211] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [37216] 4.857143e+00 0.000000e+00 0.000000e+00 0.000000e+00 9.108571e+02
## [37221] 4.142857e+00 6.285714e+00 3.067143e+02 0.000000e+00 0.000000e+00
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## [37241] 0.000000e+00 0.000000e+00 0.000000e+00 5.714286e-01 0.000000e+00
## [37246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37416] 0.000000e+00 0.000000e+00 0.000000e+00 5.571429e+00 1.457143e+01
## [37421] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 9.371429e+01
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## [37471] 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00
## [37476] 1.121429e+02 0.000000e+00 2.221714e+03 0.000000e+00 0.000000e+00
## [37481] 3.571429e+01 0.000000e+00 6.462857e+02 4.285714e-01 1.431900e+04
## [37486] 6.351286e+03 3.014571e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [37491] 3.324714e+03 3.885714e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [37496] 1.012857e+02 0.000000e+00 2.947775e+04 0.000000e+00 0.000000e+00
## [37501] 0.000000e+00 3.750000e-01 5.591375e+03 8.276375e+03 0.000000e+00
## [37506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37511] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.714286e-01
## [37521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37526] 3.285714e+00 1.200000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [37531] 0.000000e+00 9.857143e+01 0.000000e+00 0.000000e+00 2.000000e+01
## [37536] 0.000000e+00 0.000000e+00 7.471429e+01 2.271286e+03 2.328571e+01
## [37541] 9.542857e+02 0.000000e+00 6.857143e+00 0.000000e+00 0.000000e+00
## [37546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37551] 0.000000e+00 0.000000e+00 0.000000e+00 1.300000e+01 0.000000e+00
## [37556] 6.343000e+03 0.000000e+00 1.428571e-01 0.000000e+00 4.958571e+02
## [37561] 2.842143e+03 7.571429e+00 0.000000e+00 1.185000e+03 0.000000e+00
## [37566] 2.857143e-01 0.000000e+00 7.142857e-01 0.000000e+00 0.000000e+00
## [37571] 0.000000e+00 0.000000e+00 1.263814e+04 1.594286e+02 0.000000e+00
## [37576] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.714286e-01
## [37581] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.285714e-01

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## [37586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37591] 2.500000e+01 0.000000e+00 0.000000e+00 2.094286e+03 8.042857e+01
## [37596] 3.577143e+02 0.000000e+00 0.000000e+00 1.520400e+04 8.249429e+03
## [37601] 0.000000e+00 1.428571e+00 2.583429e+03 4.285714e-01 1.094286e+02
## [37606] 1.920000e+02 3.016429e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [37611] 0.000000e+00 0.000000e+00 1.625000e+00 1.781400e+04 0.000000e+00
## [37616] 3.086025e+04 2.428500e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [37621] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37631] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [37636] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.05714e+03
## [37651] 1.375714e+02 7.457143e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [37656] 2.185714e+01 8.662857e+02 2.857143e-01 4.185714e+01 0.000000e+00
## [37661] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37666] 0.000000e+00 7.142857e-01 2.000000e+01 0.000000e+00 8.240286e+03
## [37671] 0.000000e+00 4.438571e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [37676] 0.000000e+00 7.571429e+00 2.149143e+03 2.299571e+03 5.714286e-01
## [37681] 0.000000e+00 2.638571e+02 1.261100e+04 0.000000e+00 0.000000e+00
## [37686] 1.428571e-01 1.571429e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [37691] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.285714e-01
## [37696] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37706] 3.357143e+01 0.000000e+00 0.000000e+00 2.724286e+02 0.000000e+00
## [37711] 1.393000e+03 0.000000e+00 1.570157e+04 4.428571e+00 7.372714e+03
## [37716] 0.000000e+00 0.000000e+00 3.051143e+03 2.285714e+00 1.094286e+02
## [37721] 1.655714e+02 0.000000e+00 0.000000e+00 0.000000e+00 5.875000e+00
## [37726] 2.814688e+04 1.363750e+03 3.205712e+04 0.000000e+00 0.000000e+00
## [37731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37746] 0.000000e+00 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00
## [37751] 0.000000e+00 0.000000e+00 5.714286e-01 1.942857e+01 8.714286e+00
## [37756] 1.691429e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37761] 2.077714e+03 7.014286e+01 1.195714e+02 1.428571e+00 0.000000e+00
## [37766] 1.985714e+01 0.000000e+00 0.000000e+00 8.040000e+02 0.000000e+00
## [37771] 3.728571e+01 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [37776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.770000e+02
## [37781] 2.014286e+01 7.351714e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [37786] 2.571429e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.119286e+03
## [37791] 6.070571e+03 1.557143e+01 1.285714e+00 0.000000e+00 0.000000e+00
## [37796] 0.000000e+00 9.154000e+03 2.535714e+02 5.428571e+00 5.714286e-01
## [37801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37806] 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37811] 0.000000e+00 0.000000e+00 0.000000e+00 7.142857e-01 0.000000e+00
## [37816] 1.557000e+03 0.000000e+00 0.000000e+00 3.657143e+01 1.301429e+02
## [37821] 1.428571e-01 2.664286e+02 1.961714e+03 0.000000e+00 0.000000e+00
## [37826] 1.428571e+00 1.218300e+04 5.371000e+03 0.000000e+00 1.221429e+02
## [37831] 8.500000e+01 0.000000e+00 0.000000e+00 2.197286e+03 0.000000e+00
## [37836] 2.142857e+00 3.125000e+00 1.823375e+03 2.823075e+04 0.000000e+00
## [37841] 0.000000e+00 7.774000e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [37846] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37851] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [37856] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.571429e-01
## [37861] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.428571e+00
## [37866] 0.000000e+00 0.000000e+00 6.142857e+00 0.000000e+00 4.285714e-01
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## [37876] 8.571429e-01 0.000000e+00 0.000000e+00 0.000000e+00 5.835714e+02
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## [37896] 0.000000e+00 0.000000e+00 1.642857e+01 4.517143e+02 0.000000e+00
## [37901] 0.000000e+00 0.000000e+00 7.142857e-01 1.827143e+03 6.049571e+03
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## [37911] 0.000000e+00 4.285714e-01 3.695714e+02 0.000000e+00 0.000000e+00
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## [37956] 3.120212e+04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [37966] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [37971] 0.000000e+00 1.285714e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [37976] 0.000000e+00 1.142857e+00 5.428571e+00 8.757143e+01 3.128571e+01
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## [38001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [38006] 0.000000e+00 0.000000e+00 4.377143e+02 5.031857e+03 7.142857e-01
## [38011] 0.000000e+00 1.500000e+01 4.394286e+03 2.435571e+03 5.082857e+02
## [38016] 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00 5.974286e+02
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## [38041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.071429e+01
## [38046] 7.442857e+01 1.434143e+03 3.201429e+02 1.648314e+04 8.620857e+03
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## [38096] 0.000000e+00 5.714286e-01 0.000000e+00 0.000000e+00 2.285714e+00
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## [38106] 0.000000e+00 1.324571e+03 0.000000e+00 0.000000e+00 1.142857e+00
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## [38116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.000000e+01
## [38121] 4.580714e+03 0.000000e+00 0.000000e+00 1.285714e+00 1.075429e+03

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## [38126] 9.238000e+03 3.027000e+03 3.522286e+03 4.285714e-01 0.000000e+00
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## [38146] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [38251] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [38501] 2.020686e+04 1.857143e+00 2.438714e+03 8.562857e+02 0.000000e+00
## [38506] 0.000000e+00 0.000000e+00 0.000000e+00 1.159543e+04 0.000000e+00
## [38511] 5.964571e+03 0.000000e+00 1.241000e+03 5.714286e+00 0.000000e+00
## [38516] 0.000000e+00 1.446975e+04 7.290875e+04 3.756625e+03 0.000000e+00
## [38521] 5.857025e+04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [38526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [38531] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [38536] 0.000000e+00 1.000000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [38541] 0.000000e+00 0.000000e+00 2.231429e+02 2.414286e+01 0.000000e+00
## [38546] 7.142857e-01 0.000000e+00 3.142857e+00 0.000000e+00 0.000000e+00
## [38551] 0.000000e+00 3.714286e+00 4.978571e+02 8.608857e+03 0.000000e+00
## [38556] 2.995000e+03 0.000000e+00 0.000000e+00 1.285714e+00 7.190000e+02
## [38561] 2.736429e+03 2.983429e+03 0.000000e+00 0.000000e+00 0.000000e+00
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## [38576] 5.600000e+02 8.571429e-01 6.301429e+02 2.252857e+02 0.000000e+00
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## [38586] 0.000000e+00 0.000000e+00 0.000000e+00 4.642857e+01 7.100000e+01
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## [38661] 3.385714e+01 3.004286e+02 0.000000e+00 1.184286e+03 1.160457e+04

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## [38676] 3.895286e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [38691] 1.695043e+04 2.555286e+03 1.475714e+02 1.538571e+02 0.000000e+00
## [38696] 0.000000e+00 0.000000e+00 7.842857e+01 4.065571e+03 0.000000e+00
## [38701] 0.000000e+00 1.030000e+02 0.000000e+00 5.442857e+01 0.000000e+00
## [38706] 0.000000e+00 0.000000e+00 1.128571e+01 0.000000e+00 0.000000e+00
## [38711] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [38721] 0.000000e+00 0.000000e+00 0.000000e+00 5.742857e+01 6.914286e+01
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## [38926] 0.000000e+00 0.000000e+00 0.000000e+00 2.050000e+03 8.471429e+01
## [38931] 1.628571e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [38936] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [38951] 0.000000e+00 1.514286e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [39006] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [39131] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [39201] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [39501] 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00
## [39506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39511] 0.000000e+00 0.000000e+00 0.000000e+00 3.057143e+01 6.944286e+02
## [39516] 3.014286e+01 8.842857e+01 2.442857e+01 1.857143e+00 0.000000e+00
## [39521] 1.005600e+04 0.000000e+00 6.577143e+02 4.335000e+03 3.021429e+02
## [39526] 0.000000e+00 0.000000e+00 5.330900e+04 0.000000e+00 0.000000e+00
## [39531] 3.381857e+03 7.911714e+03 7.879286e+03 1.766988e+04 9.292838e+04
## [39536] 6.223500e+03 0.000000e+00 0.000000e+00 0.000000e+00 1.402601e+05
## [39541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39551] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e+00 0.000000e+00
## [39556] 9.142857e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39561] 0.000000e+00 1.249714e+03 0.000000e+00 4.285714e+00 7.105714e+02
## [39566] 4.472429e+03 0.000000e+00 0.000000e+00 6.930143e+03 1.775000e+03
## [39571] 0.000000e+00 0.000000e+00 0.000000e+00 5.705571e+03 3.686471e+04
## [39576] 3.571429e+02 0.000000e+00 1.196129e+04 9.772857e+02 1.463143e+03
## [39581] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [39591] 0.000000e+00 0.000000e+00 1.674286e+02 0.000000e+00 5.897000e+03
## [39596] 4.061429e+02 0.000000e+00 2.848000e+03 1.634286e+02 0.000000e+00
## [39601] 0.000000e+00 6.785714e+01 1.051286e+03 1.311000e+03 0.000000e+00
## [39606] 8.814286e+01 2.275714e+02 6.685714e+01 0.000000e+00 0.000000e+00
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## [39636] 0.000000e+00 5.980571e+03 2.063000e+03 2.471429e+02 5.600000e+02
## [39641] 0.000000e+00 0.000000e+00 0.000000e+00 3.401857e+03 8.906714e+03
## [39646] 6.821143e+03 4.669814e+04 9.463975e+04 1.440850e+04 9.598500e+03
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## [39676] 0.000000e+00 0.000000e+00 0.000000e+00 9.984286e+02 4.428571e+00
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## [39686] 0.000000e+00 0.000000e+00 4.760857e+03 3.164257e+04 0.000000e+00
## [39691] 0.000000e+00 0.000000e+00 6.739000e+03 3.875714e+02 1.601429e+03
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## [39706] 0.000000e+00 0.000000e+00 0.000000e+00 3.413000e+03 3.440000e+02
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## [39736] 0.000000e+00 0.000000e+00 0.000000e+00 3.542857e+01 2.842857e+01
## [39741] 8.357143e+01 0.000000e+00 0.000000e+00 0.000000e+00 5.817143e+02

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## [39746] 1.514286e+01 3.027143e+02 6.149143e+03 9.644286e+02 3.431429e+02
## [39751] 0.000000e+00 0.000000e+00 0.000000e+00 4.400671e+04 9.348429e+03
## [39756] 3.693000e+03 0.000000e+00 5.387714e+03 0.000000e+00 0.000000e+00
## [39761] 0.000000e+00 1.296450e+04 9.023750e+03 9.241062e+04 3.496125e+03
## [39766] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39771] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [39781] 1.428571e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.371429e+01
## [39786] 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00
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## [39796] 0.000000e+00 2.237286e+03 7.114429e+03 4.513857e+03 0.000000e+00
## [39801] 0.000000e+00 2.995757e+04 4.772857e+02 0.000000e+00 0.000000e+00
## [39806] 0.000000e+00 4.494286e+02 2.231000e+03 6.888571e+03 0.000000e+00
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## [39826] 0.000000e+00 6.457143e+01 3.070000e+02 0.000000e+00 0.000000e+00
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## [39846] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [39891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [39911] 0.000000e+00 0.000000e+00 2.710414e+04 2.549857e+03 0.000000e+00
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## [39941] 1.612857e+02 5.271429e+01 1.669286e+03 4.828571e+01 0.000000e+00
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## [39976] 0.000000e+00 0.000000e+00 1.715714e+02 4.529714e+03 0.000000e+00
## [39981] 2.138714e+03 3.368143e+03 3.932357e+04 3.843857e+03 0.000000e+00
## [39986] 0.000000e+00 0.000000e+00 0.000000e+00 2.961925e+04 0.000000e+00
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## [39996] 0.000000e+00 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00
## [40001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.934286e+02
## [40006] 0.000000e+00 4.571429e+00 0.000000e+00 1.361857e+03 0.000000e+00
## [40011] 2.857143e-01 1.714286e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [40111] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [40176] 2.814286e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40181] 2.857143e-01 0.000000e+00 3.300000e+01 2.005429e+03 0.000000e+00
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## [40286] 4.547143e+02 2.297143e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [40501] 0.000000e+00 1.114286e+03 5.104286e+02 0.000000e+00 2.200000e+01
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## [40511] 1.312857e+02 1.200000e+01 9.571429e+00 3.710000e+02 0.000000e+00
## [40516] 0.000000e+00 4.522714e+03 1.687143e+02 0.000000e+00 0.000000e+00
## [40521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40531] 1.295714e+02 0.000000e+00 0.000000e+00 1.571429e+00 8.337143e+02
## [40536] 6.057143e+01 0.000000e+00 1.814286e+01 1.858286e+03 7.385714e+01
## [40541] 0.000000e+00 0.000000e+00 0.000000e+00 3.241429e+02 5.171429e+01
## [40546] 2.040800e+04 0.000000e+00 0.000000e+00 1.382857e+02 1.903429e+03
## [40551] 1.091429e+03 0.000000e+00 5.983425e+04 8.520000e+02 0.000000e+00

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## [40556] 0.000000e+00 7.994125e+04 0.000000e+00 1.949125e+03 0.000000e+00
## [40561] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40566] 0.000000e+00 0.000000e+00 2.159429e+03 0.000000e+00 9.271429e+01
## [40571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.870571e+03
## [40576] 0.000000e+00 0.000000e+00 9.885714e+01 0.000000e+00 0.000000e+00
## [40581] 0.000000e+00 4.011000e+03 0.000000e+00 3.921429e+02 5.714286e-01
## [40586] 1.984286e+02 0.000000e+00 9.108714e+03 0.000000e+00 5.712857e+02
## [40591] 1.094286e+02 1.222143e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [40596] 2.258286e+03 1.301429e+02 2.891429e+02 0.000000e+00 0.000000e+00
## [40601] 2.828571e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40606] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40611] 0.000000e+00 4.942857e+01 1.039857e+03 1.051429e+02 3.371429e+01
## [40616] 0.000000e+00 0.000000e+00 4.762857e+02 1.471429e+01 9.857143e+00
## [40621] 5.171429e+01 0.000000e+00 9.714286e+00 0.000000e+00 0.000000e+00
## [40626] 0.000000e+00 1.672857e+02 8.142857e+00 3.421429e+02 5.030000e+03
## [40631] 0.000000e+00 1.915714e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [40636] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40641] 0.000000e+00 0.000000e+00 0.000000e+00 9.100000e+02 6.742857e+01
## [40646] 1.428571e+00 1.622857e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [40651] 4.857143e+00 1.885714e+01 5.171429e+01 1.906857e+03 3.002857e+02
## [40656] 4.757143e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40661] 6.482857e+02 2.026543e+04 0.000000e+00 1.050000e+02 1.609571e+03
## [40666] 0.000000e+00 3.048225e+04 5.605175e+04 0.000000e+00 4.337125e+03
## [40671] 0.000000e+00 1.670875e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [40676] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40681] 7.442857e+01 0.000000e+00 0.000000e+00 2.650143e+03 0.000000e+00
## [40686] 0.000000e+00 0.000000e+00 3.265857e+03 2.857143e-01 0.000000e+00
## [40691] 0.000000e+00 0.000000e+00 0.000000e+00 7.028571e+01 3.718571e+02
## [40696] 0.000000e+00 0.000000e+00 0.000000e+00 1.285714e+00 3.766429e+03
## [40701] 1.110000e+02 0.000000e+00 3.202857e+02 0.000000e+00 0.000000e+00
## [40706] 1.012857e+03 8.436714e+03 7.928571e+01 7.228571e+01 0.000000e+00
## [40711] 2.146286e+03 2.442857e+01 2.245714e+02 0.000000e+00 0.000000e+00
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## [40721] 0.000000e+00 0.000000e+00 3.300000e+01 2.900000e+01 0.000000e+00
## [40726] 8.514286e+01 0.000000e+00 0.000000e+00 1.058000e+03 1.114286e+01
## [40731] 0.000000e+00 0.000000e+00 0.000000e+00 9.285714e+00 4.991429e+02
## [40736] 5.314286e+01 0.000000e+00 3.497143e+02 5.285714e+00 1.157143e+01
## [40741] 0.000000e+00 0.000000e+00 1.620000e+02 0.000000e+00 2.857143e-01
## [40746] 5.916000e+03 1.447143e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [40751] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40756] 0.000000e+00 0.000000e+00 2.028571e+01 0.000000e+00 4.371429e+01
## [40761] 0.000000e+00 0.000000e+00 4.707143e+02 5.714286e-01 2.300000e+01
## [40766] 0.000000e+00 0.000000e+00 2.820143e+03 5.414286e+01 4.700000e+01
## [40771] 2.867143e+02 0.000000e+00 9.914286e+01 6.471429e+02 1.861000e+03
## [40776] 0.000000e+00 0.000000e+00 0.000000e+00 2.203914e+04 3.427875e+03
## [40781] 5.026125e+03 4.759412e+04 1.687875e+04 0.000000e+00 0.000000e+00
## [40786] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01
## [40791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.771429e+01
## [40796] 0.000000e+00 1.981143e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [40801] 0.000000e+00 0.000000e+00 0.000000e+00 2.749143e+03 5.228571e+01
## [40806] 0.000000e+00 4.285714e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [40811] 1.428571e-01 1.211429e+02 4.274714e+03 4.711429e+02 1.015086e+04
## [40816] 7.600000e+01 1.134000e+03 3.454286e+02 0.000000e+00 0.000000e+00
## [40821] 0.000000e+00 8.057143e+01 0.000000e+00 2.552857e+02 2.300000e+01

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## [40826] 2.883286e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40831] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40836] 3.200000e+01 0.000000e+00 0.000000e+00 1.633714e+03 3.514286e+01
## [40841] 0.000000e+00 8.700000e+01 4.642857e+01 0.000000e+00 0.000000e+00
## [40846] 0.000000e+00 1.314286e+01 8.000000e+00 8.202857e+02 0.000000e+00
## [40851] 0.000000e+00 0.000000e+00 1.532857e+02 7.000000e+00 5.857143e+00
## [40856] 3.661429e+02 0.000000e+00 0.000000e+00 4.730286e+03 1.000000e+02
## [40861] 0.000000e+00 5.714286e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [40866] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40871] 0.000000e+00 0.000000e+00 0.000000e+00 7.450000e+02 2.071429e+01
## [40876] 1.000000e+00 3.557143e+01 5.714286e-01 1.228571e+01 0.000000e+00
## [40881] 2.731571e+03 0.000000e+00 8.585714e+01 2.278571e+02 0.000000e+00
## [40886] 3.442857e+01 0.000000e+00 7.028571e+01 1.041000e+03 0.000000e+00
## [40891] 1.956271e+04 0.000000e+00 9.975714e+02 4.429875e+03 9.162500e+01
## [40896] 2.747212e+04 0.000000e+00 0.000000e+00 0.000000e+00 4.545238e+04
## [40901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.021286e+03
## [40911] 7.942857e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40916] 9.900000e+01 2.591714e+03 0.000000e+00 0.000000e+00 1.428571e-01
## [40921] 0.000000e+00 0.000000e+00 0.000000e+00 3.895000e+03 1.000000e+00
## [40926] 1.861429e+02 2.931429e+02 0.000000e+00 0.000000e+00 5.458571e+02
## [40931] 0.000000e+00 0.000000e+00 5.777143e+02 8.610429e+03 5.242857e+01
## [40936] 0.000000e+00 1.265714e+02 0.000000e+00 1.685714e+01 0.000000e+00
## [40941] 1.305714e+02 2.444286e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [40946] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40951] 6.057143e+01 5.614286e+01 0.000000e+00 1.432714e+03 0.000000e+00
## [40956] 2.257143e+01 0.000000e+00 0.000000e+00 6.857143e+00 4.000000e+01
## [40961] 8.074286e+02 2.228571e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [40966] 1.272857e+02 4.914286e+02 7.428571e+00 5.000000e+00 0.000000e+00
## [40971] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.613000e+03
## [40976] 1.428571e-01 1.784286e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [40981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [40986] 0.000000e+00 1.914286e+01 5.714286e-01 0.000000e+00 7.407143e+02
## [40991] 3.842857e+01 7.142857e+00 4.928571e+01 0.000000e+00 7.628571e+01
## [40996] 3.783286e+03 2.120000e+02 0.000000e+00 0.000000e+00 7.068571e+02
## [41001] 0.000000e+00 0.000000e+00 1.731786e+04 9.214286e+02 7.157143e+01
## [41006] 0.000000e+00 2.840375e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [41011] 1.183325e+04 1.057500e+02 8.896162e+04 0.000000e+00 0.000000e+00
## [41016] 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [41026] 0.000000e+00 0.000000e+00 8.485714e+01 0.000000e+00 0.000000e+00
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## [41036] 0.000000e+00 3.299857e+03 1.827143e+02 0.000000e+00 0.000000e+00
## [41041] 2.207143e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.952857e+02
## [41046] 5.457143e+01 4.660000e+02 7.337714e+03 9.057143e+01 0.000000e+00
## [41051] 1.130000e+02 1.557143e+01 2.173857e+03 0.000000e+00 0.000000e+00
## [41056] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41061] 0.000000e+00 0.000000e+00 3.414286e+01 4.700000e+01 1.374571e+03
## [41066] 0.000000e+00 0.000000e+00 0.000000e+00 5.400000e+01 2.100000e+01
## [41071] 9.722857e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.885714e+01
## [41076] 7.571429e+00 1.436429e+03 0.000000e+00 0.000000e+00 1.191429e+02
## [41081] 7.571429e+00 8.285714e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41086] 2.857143e-01 0.000000e+00 1.597143e+02 4.506429e+03 0.000000e+00
## [41091] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [41096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [41106] 0.000000e+00 9.478714e+03 0.000000e+00 5.328571e+01 0.000000e+00
## [41111] 1.560000e+02 3.828571e+01 3.428571e+01 0.000000e+00 7.354286e+02
## [41116] 5.781429e+02 1.579229e+04 0.000000e+00 0.000000e+00 0.000000e+00
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## [41126] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41131] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.348429e+03
## [41136] 0.000000e+00 5.057143e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [41141] 2.857143e-01 0.000000e+00 1.686429e+03 0.000000e+00 0.000000e+00
## [41146] 4.757143e+01 0.000000e+00 2.222857e+02 0.000000e+00 0.000000e+00
## [41151] 2.923857e+03 1.145714e+02 1.000000e+00 0.000000e+00 0.000000e+00
## [41156] 0.000000e+00 0.000000e+00 4.215714e+02 7.340143e+03 2.714286e+01
## [41161] 2.924286e+02 0.000000e+00 0.000000e+00 6.142857e+00 9.128571e+01
## [41166] 2.493429e+03 0.000000e+00 7.300000e+01 0.000000e+00 0.000000e+00
## [41171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41176] 4.600000e+01 0.000000e+00 1.647143e+03 3.157143e+01 0.000000e+00
## [41181] 3.357143e+01 0.000000e+00 0.000000e+00 0.000000e+00 3.000000e+01
## [41186] 5.000000e+00 2.286857e+03 0.000000e+00 1.342857e+01 0.000000e+00
## [41191] 0.000000e+00 0.000000e+00 8.000000e+01 1.714286e+00 6.285714e+00
## [41196] 5.544714e+03 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00
## [41201] 0.000000e+00 9.814286e+01 3.034857e+03 0.000000e+00 0.000000e+00
## [41206] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41211] 7.428571e+00 0.000000e+00 0.000000e+00 2.843286e+03 1.214286e+01
## [41216] 0.000000e+00 1.000000e+00 5.714286e+00 6.957143e+01 0.000000e+00
## [41221] 0.000000e+00 0.000000e+00 6.714286e+00 5.257143e+01 1.164557e+04
## [41226] 1.585714e+02 0.000000e+00 1.308900e+04 0.000000e+00 7.738571e+02
## [41231] 1.428571e-01 5.515714e+02 6.714286e+00 4.341575e+04 1.250000e-01
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## [41281] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41286] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e+00
## [41291] 0.000000e+00 0.000000e+00 1.474429e+03 4.814286e+01 3.385714e+01
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## [41341] 1.107871e+04 7.595714e+02 5.714286e+00 3.550000e+02 0.000000e+00
## [41346] 0.000000e+00 0.000000e+00 3.872062e+04 3.257500e+02 2.430975e+04
## [41351] 7.823750e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41356] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41361] 0.000000e+00 1.142857e+01 8.675714e+02 1.428571e-01 0.000000e+00

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## [41366] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e+01
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## [41376] 1.858286e+03 1.428571e-01 1.878571e+02 0.000000e+00 0.000000e+00
## [41381] 0.000000e+00 6.685714e+01 0.000000e+00 0.000000e+00 4.745714e+02
## [41386] 4.571429e+00 5.124857e+03 0.000000e+00 2.065714e+02 0.000000e+00
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## [41396] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [41406] 4.571429e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.403143e+03
## [41411] 1.257143e+01 3.669714e+03 2.257143e+01 0.000000e+00 0.000000e+00
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## [41436] 0.000000e+00 0.000000e+00 0.000000e+00 7.714286e+00 0.000000e+00
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## [41446] 7.142857e-01 3.544286e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [41461] 8.714286e+00 4.193750e+02 3.236200e+04 7.070000e+02 0.000000e+00
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## [41476] 0.000000e+00 7.425714e+02 0.000000e+00 3.000000e+00 0.000000e+00
## [41481] 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00 9.715714e+02
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## [41496] 4.285714e+01 4.347143e+02 1.668571e+02 4.394286e+03 0.000000e+00
## [41501] 0.000000e+00 6.142857e+00 0.000000e+00 1.822857e+03 0.000000e+00
## [41506] 0.000000e+00 9.000000e+01 2.000000e+00 5.300000e+01 0.000000e+00
## [41511] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41516] 0.000000e+00 0.000000e+00 4.571429e+00 0.000000e+00 0.000000e+00
## [41521] 2.528571e+01 3.714286e+01 0.000000e+00 1.218143e+03 8.571429e-01
## [41526] 3.314429e+03 1.485714e+01 1.871429e+01 0.000000e+00 0.000000e+00
## [41531] 0.000000e+00 5.714286e-01 0.000000e+00 5.000000e+00 3.935857e+03
## [41536] 0.000000e+00 0.000000e+00 5.014286e+01 0.000000e+00 1.714143e+03
## [41541] 5.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01
## [41546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41551] 0.000000e+00 0.000000e+00 9.857143e+00 0.000000e+00 0.000000e+00
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## [41561] 4.000000e+00 0.000000e+00 1.397886e+04 0.000000e+00 8.228571e+01
## [41566] 0.000000e+00 1.988571e+02 1.428571e+01 0.000000e+00 1.457143e+01
## [41571] 0.000000e+00 1.419771e+04 4.447143e+02 0.000000e+00 1.428714e+03
## [41576] 4.598750e+02 1.423750e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [41581] 5.585738e+04 2.525000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [41586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00
## [41591] 9.752857e+02 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [41596] 0.000000e+00 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00
## [41601] 0.000000e+00 4.285714e-01 1.305714e+03 3.828571e+01 2.770000e+02
## [41606] 0.000000e+00 0.000000e+00 0.000000e+00 4.285714e-01 1.874143e+03
## [41611] 6.881286e+03 3.090000e+02 1.071429e+01 0.000000e+00 0.000000e+00
## [41616] 0.000000e+00 9.442857e+02 0.000000e+00 2.070000e+02 3.428571e+00
## [41621] 9.600000e+01 3.161286e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [41626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41631] 0.000000e+00 4.971429e+01 2.331143e+03 0.000000e+00 0.000000e+00

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## [41636] 0.000000e+00 8.585714e+01 1.000000e+01 0.000000e+00 3.428571e+00
## [41641] 3.757143e+01 0.000000e+00 0.000000e+00 2.271429e+01 6.532143e+03
## [41646] 9.857143e+00 0.000000e+00 7.542857e+01 0.000000e+00 0.000000e+00
## [41651] 8.571429e-01 5.115571e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [41656] 4.285714e-01 0.000000e+00 2.281000e+03 1.428571e+00 0.000000e+00
## [41661] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41666] 0.000000e+00 1.500000e+01 1.910714e+03 0.000000e+00 0.000000e+00
## [41671] 0.000000e+00 8.857143e+00 0.000000e+00 1.142857e+00 2.864286e+02
## [41676] 4.550000e+02 0.000000e+00 0.000000e+00 0.000000e+00 1.728571e+01
## [41681] 1.337143e+02 1.904014e+04 3.360286e+03 0.000000e+00 2.099157e+04
## [41686] 6.212857e+02 1.985714e+01 0.000000e+00 0.000000e+00 3.276338e+04
## [41691] 0.000000e+00 0.000000e+00 3.338375e+03 0.000000e+00 6.593750e+02
## [41696] 3.250000e+01 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [41701] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.095571e+03
## [41706] 0.000000e+00 8.571429e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [41711] 0.000000e+00 0.000000e+00 0.000000e+00 1.492000e+03 0.000000e+00
## [41716] 0.000000e+00 5.714286e-01 0.000000e+00 3.657143e+01 2.735857e+03
## [41721] 5.598571e+02 7.142857e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [41766] 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.587857e+03
## [41771] 0.000000e+00 0.000000e+00 1.428571e+00 0.000000e+00 0.000000e+00
## [41776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [41816] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
## [41821] 1.293429e+03 2.857143e-01 0.000000e+00 0.000000e+00 1.659286e+03
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## [41881] 0.000000e+00 0.000000e+00 0.000000e+00 7.142857e-01 0.000000e+00
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## [41891] 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00 2.857143e-01
## [41896] 0.000000e+00 0.000000e+00 2.227143e+03 5.728571e+01 4.200000e+01
## [41901] 0.000000e+00 5.142857e+00 3.161429e+02 0.000000e+00 2.581429e+03

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## [41906] 0.000000e+00 5.142857e+00 6.568571e+02 3.859500e+04 0.000000e+00
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## [41926] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01
## [41931] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.538571e+03
## [41936] 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00 1.833714e+03
## [41941] 2.857143e-01 1.142857e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41946] 0.000000e+00 3.105143e+03 6.714286e+00 5.714286e-01 7.491429e+02
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## [41956] 0.000000e+00 1.428571e+00 1.408643e+04 3.854286e+02 7.130000e+02
## [41961] 4.285714e-01 0.000000e+00 2.532857e+02 7.753714e+03 0.000000e+00
## [41966] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [41971] 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00 3.424286e+02
## [41976] 1.714286e+00 1.220143e+03 0.000000e+00 0.000000e+00 1.558686e+04
## [41981] 1.547214e+04 0.000000e+00 0.000000e+00 1.714286e+00 0.000000e+00
## [41986] 1.381429e+02 1.278857e+03 0.000000e+00 7.536000e+03 1.714286e+00
## [41991] 8.242857e+01 1.762857e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [41996] 0.000000e+00 1.142857e+00 0.000000e+00 4.285714e-01 3.372571e+03
## [42001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42006] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42011] 0.000000e+00 4.428571e+01 6.971429e+01 0.000000e+00 2.258857e+03
## [42016] 2.714286e+00 3.400000e+02 0.000000e+00 2.438429e+03 0.000000e+00
## [42021] 4.295814e+04 0.000000e+00 7.045714e+02 2.428571e+00 0.000000e+00
## [42026] 0.000000e+00 0.000000e+00 3.372571e+03 1.571429e+00 4.313971e+04
## [42031] 1.769714e+03 3.681500e+03 0.000000e+00 0.000000e+00 1.197695e+05
## [42036] 3.567000e+03 3.500000e+00 0.000000e+00 0.000000e+00 1.428571e-01
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## [42051] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [42071] 0.000000e+00 1.934971e+04 5.714286e-01 9.890000e+02 1.711357e+04
## [42076] 0.000000e+00 0.000000e+00 0.000000e+00 5.714286e-01 5.900000e+02
## [42081] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [42136] 0.000000e+00 1.887571e+03 0.000000e+00 3.152857e+03 0.000000e+00
## [42141] 2.857143e+00 3.398000e+03 0.000000e+00 5.681886e+04 1.464708e+05
## [42146] 6.250000e+00 3.473375e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [42151] 4.624500e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42161] 1.750714e+03 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [42166] 1.840286e+03 0.000000e+00 1.428571e-01 0.000000e+00 2.857143e-01
## [42171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.278571e+02

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## [42176] 3.666571e+03 2.414286e+01 0.000000e+00 1.428571e-01 1.738429e+03
## [42181] 0.000000e+00 0.000000e+00 0.000000e+00 1.984429e+03 2.142857e+00
## [42186] 2.793757e+04 5.404286e+02 1.635000e+03 5.714286e-01 0.000000e+00
## [42191] 0.000000e+00 0.000000e+00 2.162343e+04 0.000000e+00 0.000000e+00
## [42196] 0.000000e+00 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00
## [42201] 2.335986e+04 1.273429e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [42206] 3.700000e+02 1.142857e+00 0.000000e+00 1.221514e+04 0.000000e+00
## [42211] 1.592857e+02 1.428571e+00 0.000000e+00 5.301429e+02 0.000000e+00
## [42216] 0.000000e+00 6.721143e+03 8.400000e+01 1.714286e+00 2.875714e+02
## [42221] 0.000000e+00 3.591286e+03 0.000000e+00 1.428571e-01 4.285714e-01
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## [42246] 0.000000e+00 0.000000e+00 7.022857e+02 3.965586e+04 5.714286e+00
## [42251] 2.404286e+03 0.000000e+00 0.000000e+00 0.000000e+00 5.934271e+04
## [42256] 1.142857e+00 4.616000e+03 1.298236e+05 6.000000e+00 4.711788e+04
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## [42266] 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00 1.428571e-01
## [42271] 0.000000e+00 0.000000e+00 0.000000e+00 2.134571e+03 0.000000e+00
## [42276] 0.000000e+00 1.428571e-01 0.000000e+00 2.857143e-01 0.000000e+00
## [42281] 0.000000e+00 0.000000e+00 1.428571e-01 1.748143e+03 0.000000e+00
## [42286] 0.000000e+00 0.000000e+00 0.000000e+00 5.167143e+02 2.857143e-01
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## [42296] 3.059586e+04 5.714286e-01 0.000000e+00 0.000000e+00 2.049700e+04
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## [42346] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.885714e+01
## [42351] 0.000000e+00 0.000000e+00 0.000000e+00 8.657143e+01 1.549143e+03
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## [42426] 0.000000e+00 0.000000e+00 1.230157e+04 1.857143e+00 1.591429e+02
## [42431] 0.000000e+00 0.000000e+00 0.000000e+00 7.998571e+02 6.456714e+03
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## [42441] 0.000000e+00 9.542857e+01 4.124429e+03 0.000000e+00 0.000000e+00

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## [42446] 2.692857e+02 1.428571e+00 0.000000e+00 2.969857e+03 0.000000e+00
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## [42481] 0.000000e+00 1.714286e+00 4.327286e+03 4.485171e+04 0.000000e+00
## [42486] 0.000000e+00 0.000000e+00 0.000000e+00 1.293375e+03 3.625000e+00
## [42491] 4.954750e+03 5.804550e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [42496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [42506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42511] 0.000000e+00 1.150143e+03 4.285714e-01 0.000000e+00 2.841429e+02
## [42516] 0.000000e+00 0.000000e+00 1.028571e+01 5.152000e+03 0.000000e+00
## [42521] 1.000000e+00 0.000000e+00 0.000000e+00 2.921429e+03 2.395843e+04
## [42526] 6.607143e+02 0.000000e+00 1.188200e+04 7.142857e-01 1.692857e+02
## [42531] 0.000000e+00 1.395143e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [42536] 0.000000e+00 7.317143e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [42541] 0.000000e+00 1.285000e+04 0.000000e+00 1.428571e+00 8.318571e+02
## [42546] 1.152857e+02 0.000000e+00 0.000000e+00 7.148857e+03 8.571429e-01
## [42551] 3.767143e+02 0.000000e+00 0.000000e+00 0.000000e+00 5.600000e+01
## [42556] 0.000000e+00 0.000000e+00 1.271429e+02 5.346429e+03 1.428571e-01
## [42561] 1.927143e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42566] 3.859286e+03 0.000000e+00 4.285714e-01 0.000000e+00 0.000000e+00
## [42571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42576] 0.000000e+00 9.920000e+02 0.000000e+00 1.714286e+01 0.000000e+00
## [42581] 6.971429e+01 0.000000e+00 0.000000e+00 4.014286e+01 0.000000e+00
## [42586] 0.000000e+00 0.000000e+00 1.100286e+03 7.142857e-01 1.710571e+04
## [42591] 3.474286e+02 0.000000e+00 0.000000e+00 8.571429e-01 9.540000e+02
## [42596] 6.996714e+03 4.554386e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [42601] 0.000000e+00 7.083875e+03 1.138625e+03 1.028458e+05 1.375000e+00
## [42606] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42611] 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42616] 5.714286e-01 0.000000e+00 2.706286e+03 0.000000e+00 0.000000e+00
## [42621] 0.000000e+00 0.000000e+00 1.062286e+03 5.714286e-01 0.000000e+00
## [42626] 0.000000e+00 0.000000e+00 0.000000e+00 2.070000e+02 0.000000e+00
## [42631] 0.000000e+00 2.062857e+02 4.373000e+03 0.000000e+00 0.000000e+00
## [42636] 5.795714e+02 4.285714e-01 0.000000e+00 4.912000e+03 2.460643e+04
## [42641] 1.877286e+03 4.285714e-01 1.672857e+02 0.000000e+00 0.000000e+00
## [42646] 0.000000e+00 1.128143e+04 0.000000e+00 0.000000e+00 1.514429e+03
## [42651] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.471429e+03
## [42656] 1.054286e+02 0.000000e+00 5.714286e-01 0.000000e+00 0.000000e+00
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## [42666] 0.000000e+00 0.000000e+00 2.750000e+02 0.000000e+00 1.428571e-01
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## [42676] 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00 5.283000e+03
## [42681] 1.142857e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.271429e+01
## [42691] 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01 9.662857e+02
## [42696] 1.370000e+02 3.800000e+01 1.142857e+00 0.000000e+00 1.074571e+03
## [42701] 0.000000e+00 1.781629e+04 6.161429e+02 0.000000e+00 1.207714e+03
## [42706] 4.847829e+04 1.428571e+00 6.627000e+03 0.000000e+00 0.000000e+00
## [42711] 0.000000e+00 0.000000e+00 1.273384e+05 6.888250e+03 2.125000e+00

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## [42726] 0.000000e+00 3.264571e+03 0.000000e+00 1.428571e-01 0.000000e+00
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## [42736] 0.000000e+00 0.000000e+00 8.520000e+02 5.714286e-01 0.000000e+00
## [42741] 2.237143e+02 0.000000e+00 0.000000e+00 3.335714e+02 3.970857e+03
## [42746] 0.000000e+00 4.579857e+03 0.000000e+00 0.000000e+00 1.000000e+00
## [42751] 7.762857e+02 0.000000e+00 2.579071e+04 2.077143e+02 0.000000e+00
## [42756] 0.000000e+00 2.857143e-01 1.712857e+03 1.137171e+04 0.000000e+00
## [42761] 0.000000e+00 3.228429e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [42766] 0.000000e+00 0.000000e+00 8.292000e+03 0.000000e+00 0.000000e+00
## [42771] 0.000000e+00 1.784286e+02 5.714286e-01 6.567143e+02 0.000000e+00
## [42776] 9.142857e+01 0.000000e+00 0.000000e+00 1.428571e-01 4.871000e+03
## [42781] 2.787143e+02 0.000000e+00 3.462857e+02 4.285714e-01 0.000000e+00
## [42786] 0.000000e+00 4.653286e+03 1.391429e+02 0.000000e+00 0.000000e+00
## [42791] 0.000000e+00 7.345000e+03 7.142857e-01 1.428571e-01 0.000000e+00
## [42796] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42806] 0.000000e+00 1.378571e+02 1.146000e+03 3.314286e+01 9.457143e+01
## [42811] 0.000000e+00 0.000000e+00 0.000000e+00 3.641429e+02 4.285714e-01
## [42816] 8.470000e+02 1.411886e+04 4.133029e+04 4.606000e+03 1.142857e+00
## [42821] 1.069714e+03 0.000000e+00 0.000000e+00 0.000000e+00 1.254625e+03
## [42826] 0.000000e+00 0.000000e+00 0.000000e+00 5.167000e+04 4.770750e+03
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## [42836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.961571e+03
## [42841] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [42846] 0.000000e+00 0.000000e+00 0.000000e+00 7.142857e-01 0.000000e+00
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## [42866] 2.169329e+04 0.000000e+00 0.000000e+00 2.857143e-01 1.240571e+03
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## [42886] 0.000000e+00 0.000000e+00 2.375714e+02 1.428571e-01 6.528571e+01
## [42891] 3.868429e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [42901] 1.811429e+02 7.142857e-01 0.000000e+00 6.927714e+03 0.000000e+00
## [42906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [42951] 0.000000e+00 2.623000e+03 0.000000e+00 0.000000e+00 0.000000e+00
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## [42961] 0.000000e+00 5.714286e-01 0.000000e+00 0.000000e+00 7.504286e+02
## [42966] 3.136714e+03 1.750000e+02 0.000000e+00 1.578571e+02 0.000000e+00
## [42971] 0.000000e+00 0.000000e+00 1.491400e+04 8.571429e-01 5.938571e+02
## [42976] 0.000000e+00 1.833714e+03 0.000000e+00 0.000000e+00 5.382429e+03
## [42981] 6.767143e+02 0.000000e+00 1.388571e+02 1.428571e-01 0.000000e+00

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## [42986] 0.000000e+00 2.309000e+03 0.000000e+00 0.000000e+00 0.000000e+00
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## [43001] 0.000000e+00 0.000000e+00 2.857143e-01 1.428571e-01 3.257143e+01
## [43006] 2.234571e+03 1.147143e+02 8.814286e+01 5.642857e+01 2.126429e+03
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## [43016] 0.000000e+00 0.000000e+00 1.428571e-01 5.689143e+03 5.714286e-01
## [43021] 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [43071] 0.000000e+00 0.000000e+00 7.052857e+02 0.000000e+00 0.000000e+00
## [43076] 0.000000e+00 8.571429e-01 0.000000e+00 3.071714e+03 0.000000e+00
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## [43086] 1.335657e+04 0.000000e+00 0.000000e+00 7.975714e+02 1.428571e-01
## [43091] 5.488571e+02 0.000000e+00 1.357143e+02 0.000000e+00 0.000000e+00
## [43096] 0.000000e+00 4.501143e+03 2.311429e+02 1.428571e-01 2.954286e+03
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## [43106] 0.000000e+00 0.000000e+00 0.000000e+00 6.028571e+01 0.000000e+00
## [43111] 5.714286e-01 1.214286e+02 3.215143e+03 0.000000e+00 0.000000e+00
## [43116] 2.003143e+03 5.814286e+01 0.000000e+00 3.300000e+01 2.857143e-01
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## [43131] 0.000000e+00 8.571429e-01 6.362714e+03 0.000000e+00 0.000000e+00
## [43136] 0.000000e+00 4.285714e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [43141] 0.000000e+00 0.000000e+00 3.542857e+01 0.000000e+00 6.920000e+02
## [43146] 3.471429e+01 0.000000e+00 0.000000e+00 5.714286e-01 3.114286e+01
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## [43156] 2.171429e+02 0.000000e+00 1.304714e+03 2.655486e+04 0.000000e+00
## [43161] 0.000000e+00 2.857143e-01 1.221714e+03 0.000000e+00 0.000000e+00
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## [43171] 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43176] 1.171429e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43181] 0.000000e+00 0.000000e+00 2.097143e+03 1.428571e-01 0.000000e+00
## [43186] 2.857143e-01 0.000000e+00 4.285714e-01 0.000000e+00 5.411429e+02
## [43191] 0.000000e+00 0.000000e+00 4.010857e+03 1.498571e+02 1.428571e-01
## [43196] 2.067143e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43201] 0.000000e+00 9.015714e+02 1.327814e+04 1.428571e-01 0.000000e+00
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## [43216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43221] 6.842857e+01 2.437429e+03 1.248571e+02 7.142857e-01 0.000000e+00
## [43226] 0.000000e+00 0.000000e+00 3.400000e+01 1.525429e+03 0.000000e+00
## [43231] 5.671429e+01 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00
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## [43241] 1.988571e+03 2.857143e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [43246] 0.000000e+00 5.714286e-01 5.224143e+03 0.000000e+00 0.000000e+00
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## [43271] 8.961429e+02 1.469286e+03 1.649614e+04 0.000000e+00 0.000000e+00
## [43276] 0.000000e+00 5.714286e-01 9.453750e+02 0.000000e+00 0.000000e+00
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## [43291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.857143e-01
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## [43346] 3.785714e+01 0.000000e+00 1.428571e+02 0.000000e+00 2.628571e+01
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## [43361] 0.000000e+00 0.000000e+00 0.000000e+00 8.571429e-01 0.000000e+00
## [43366] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43371] 4.185714e+01 3.485714e+02 0.000000e+00 2.342857e+01 0.000000e+00
## [43376] 1.128571e+01 4.285714e-01 1.195714e+02 3.590143e+03 0.000000e+00
## [43381] 0.000000e+00 2.857143e-01 2.182857e+02 0.000000e+00 1.197143e+03
## [43386] 2.857143e-01 7.567143e+02 0.000000e+00 0.000000e+00 1.499786e+04
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## [43396] 0.000000e+00 2.500000e-01 0.000000e+00 2.757143e+01 0.000000e+00
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## [43446] 0.000000e+00 1.469429e+03 1.428571e-01 6.957143e+01 1.428571e-01
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## [43476] 0.000000e+00 0.000000e+00 0.000000e+00 5.714286e-01 0.000000e+00
## [43481] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43486] 2.342857e+01 2.838571e+02 1.557143e+01 3.314286e+01 9.257143e+01
## [43491] 2.623857e+03 2.857143e-01 0.000000e+00 6.428571e+00 2.117143e+02
## [43496] 0.000000e+00 6.607143e+02 2.728571e+01 1.089814e+04 0.000000e+00
## [43501] 0.000000e+00 9.851429e+02 1.428571e-01 2.102950e+04 0.000000e+00
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## [43516] 0.000000e+00 0.000000e+00 0.000000e+00 6.132857e+02 0.000000e+00
## [43521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.571429e-01

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## [43536] 0.000000e+00 0.000000e+00 4.857143e+00 6.454286e+02 1.457143e+01
## [43541] 0.000000e+00 0.000000e+00 4.462857e+02 5.737857e+03 0.000000e+00
## [43546] 7.857143e+00 0.000000e+00 0.000000e+00 1.538571e+03 1.080000e+02
## [43551] 1.428571e-01 1.605714e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [43556] 0.000000e+00 0.000000e+00 6.257143e+02 0.000000e+00 4.000000e+00
## [43561] 0.000000e+00 1.428571e-01 5.571429e+01 1.080286e+03 0.000000e+00
## [43566] 7.814286e+01 0.000000e+00 6.510000e+02 2.742857e+01 0.000000e+00
## [43571] 0.000000e+00 1.714286e+00 4.042857e+01 0.000000e+00 0.000000e+00
## [43576] 7.142857e-01 1.428571e-01 9.428571e+00 9.314286e+01 8.925714e+02
## [43581] 0.000000e+00 0.000000e+00 2.857143e-01 8.571429e-01 1.530000e+03
## [43586] 0.000000e+00 0.000000e+00 7.142857e-01 0.000000e+00 0.000000e+00
## [43591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43596] 2.857143e+00 2.344286e+02 1.571429e+01 0.000000e+00 1.857143e+01
## [43601] 0.000000e+00 2.914286e+01 0.000000e+00 0.000000e+00 1.935286e+03
## [43606] 1.944286e+02 5.385714e+01 0.000000e+00 6.014286e+01 0.000000e+00
## [43611] 6.714286e+02 0.000000e+00 0.000000e+00 1.378571e+02 4.977143e+02
## [43616] 8.175571e+03 4.876250e+02 0.000000e+00 7.571250e+02 1.441675e+04
## [43621] 0.000000e+00 6.010362e+04 0.000000e+00 2.828571e+01 0.000000e+00
## [43626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [43631] 0.000000e+00 4.798571e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [43641] 2.091429e+02 0.000000e+00 0.000000e+00 5.714286e-01 1.657143e+01
## [43646] 1.555571e+03 0.000000e+00 0.000000e+00 0.000000e+00 7.585714e+01
## [43651] 1.312857e+02 3.364286e+02 0.000000e+00 8.542857e+01 4.230000e+02
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## [43776] 1.276714e+03 3.028571e+01 0.000000e+00 0.000000e+00 3.307143e+02
## [43781] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [43816] 1.428571e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [43831] 1.428571e-01 1.355714e+02 1.547000e+03 0.000000e+00 0.000000e+00
## [43836] 0.000000e+00 0.000000e+00 7.814286e+01 7.476143e+03 0.000000e+00
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## [43861] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [43881] 0.000000e+00 0.000000e+00 5.054286e+02 3.948857e+03 2.314286e+01
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## [43896] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [43906] 1.428571e-01 4.037143e+02 0.000000e+00 1.614286e+01 2.157143e+01
## [43911] 0.000000e+00 7.142857e+00 3.285714e+00 6.757143e+01 0.000000e+00
## [43916] 0.000000e+00 4.857143e+00 5.172857e+02 0.000000e+00 0.000000e+00
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## [44011] 0.000000e+00 1.428571e-01 2.542857e+01 3.314286e+01 0.000000e+00
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## [44036] 6.847143e+02 5.714286e-01 0.000000e+00 0.000000e+00 4.285714e-01
## [44041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [44046] 0.000000e+00 0.000000e+00 1.471429e+01 3.330000e+02 3.214286e+01
## [44051] 0.000000e+00 9.285714e+00 0.000000e+00 1.542857e+01 1.428571e-01
## [44056] 7.942857e+01 0.000000e+00 4.414286e+01 0.000000e+00 5.500000e+01
## [44061] 2.241000e+03 3.601429e+02 9.242857e+01 0.000000e+00 0.000000e+00

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## [44066] 1.428571e-01 5.569143e+03 3.480000e+02 2.500000e-01 0.000000e+00
## [44071] 0.000000e+00 9.240725e+04 3.520000e+02 3.832500e+02 1.190000e+02
## [44076] 0.000000e+00 0.000000e+00 1.442857e+01 0.000000e+00 0.000000e+00
## [44081] 0.000000e+00 0.000000e+00 1.428571e-01 1.964286e+02 0.000000e+00
## [44086] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [44091] 5.714286e-01 7.142857e-01 0.000000e+00 0.000000e+00 1.105714e+02
## [44096] 1.428571e+00 0.000000e+00 9.557143e+01 9.428571e+00 0.000000e+00
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## [44106] 0.000000e+00 2.278571e+02 0.000000e+00 3.034714e+03 1.428571e-01
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## [44161] 0.000000e+00 0.000000e+00 1.375714e+02 9.142857e+00 9.000000e+00
## [44166] 8.428571e+00 6.571429e+00 9.039571e+03 0.000000e+00 0.000000e+00
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## [44331] 0.000000e+00 6.284286e+02 2.857143e+01 0.000000e+00 2.042857e+01

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## [44456] 6.571429e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [44466] 0.000000e+00 0.000000e+00 3.857143e+00 2.439571e+03 1.675714e+02
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## [44476] 5.000000e+00 5.142857e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [44491] 3.057143e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [44501] 0.000000e+00 0.000000e+00 5.285714e+00 2.428571e+00 1.500000e+02
## [44506] 3.428571e+00 9.571429e+00 1.428571e-01 6.107143e+03 3.924286e+02
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## [44516] 5.457143e+01 0.000000e+00 3.971429e+01 9.575714e+02 0.000000e+00
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## [44531] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [44536] 6.957143e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [44541] 0.000000e+00 1.142857e+00 0.000000e+00 3.400000e+01 1.428571e-01
## [44546] 0.000000e+00 0.000000e+00 0.000000e+00 1.078571e+02 3.571429e+00
## [44551] 0.000000e+00 1.271429e+01 3.857143e+00 0.000000e+00 0.000000e+00
## [44556] 0.000000e+00 1.500000e+01 3.357143e+01 0.000000e+00 2.414286e+01
## [44561] 4.287143e+02 0.000000e+00 0.000000e+00 2.298571e+02 0.000000e+00
## [44566] 7.142857e+00 4.000000e+00 0.000000e+00 1.185714e+01 7.728571e+01
## [44571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [44576] 0.000000e+00 0.000000e+00 1.619714e+03 1.425714e+02 0.000000e+00
## [44581] 5.285714e+00 5.142857e+00 0.000000e+00 2.451429e+03 0.000000e+00
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## [44591] 1.714286e+01 0.000000e+00 2.036000e+03 2.385714e+01 0.000000e+00
## [44596] 0.000000e+00 1.857143e+00 1.142857e+00 0.000000e+00 0.000000e+00
## [44601] 0.000000e+00 1.911429e+02 0.000000e+00 1.428571e-01 0.000000e+00

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## [44616] 1.067143e+02 5.714286e-01 0.000000e+00 4.442857e+01 0.000000e+00
## [44621] 3.571429e+00 0.000000e+00 0.000000e+00 1.500000e+01 3.929286e+03
## [44626] 2.595714e+02 3.357143e+01 0.000000e+00 6.030000e+02 4.885714e+01
## [44631] 1.428571e-01 1.000000e+01 0.000000e+00 1.250000e-01 2.562500e+02
## [44636] 3.877000e+03 0.000000e+00 0.000000e+00 1.175000e+01 5.525000e+01
## [44641] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.714286e+00
## [44646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [44651] 3.557143e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.428571e-01
## [44656] 0.000000e+00 0.000000e+00 7.142857e-01 2.757143e+01 0.000000e+00
## [44661] 2.857143e-01 0.000000e+00 0.000000e+00 8.000000e+00 1.285714e+00
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## [44676] 0.000000e+00 0.000000e+00 1.385714e+01 0.000000e+00 1.482857e+02
## [44681] 5.714286e+00 2.285714e+00 0.000000e+00 0.000000e+00 3.457143e+01
## [44686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.857143e+00
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## [44696] 8.400000e+01 0.000000e+00 1.591429e+02 0.000000e+00 1.486429e+03
## [44701] 0.000000e+00 3.142857e+00 1.000000e+00 1.460429e+03 8.714286e+00
## [44706] 1.642857e+01 0.000000e+00 7.142857e-01 0.000000e+00 0.000000e+00
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## [44731] 0.000000e+00 5.957143e+01 0.000000e+00 3.094571e+03 0.000000e+00
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## [44866] 2.561875e+03 0.000000e+00 0.000000e+00 0.000000e+00 7.285714e+00
## [44871] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [44891] 0.000000e+00 0.000000e+00 1.285714e+00 1.571429e+00 1.700000e+01
## [44896] 0.000000e+00 0.000000e+00 2.000000e+01 6.857143e+00 0.000000e+00
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## [45011] 6.571429e+00 6.714286e+00 0.000000e+00 2.871429e+01 2.000000e+00
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## [45026] 2.371429e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.285714e+00
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## [45041] 0.000000e+00 3.700000e+01 0.000000e+00 0.000000e+00 4.857143e+00
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## [45171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [45186] 1.314286e+01 0.000000e+00 3.142857e+00 2.428571e+00 0.000000e+00
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## [45236] 0.000000e+00 7.142857e+00 1.285714e+00 0.000000e+00 3.714286e+00
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## [45461] 0.000000e+00 0.000000e+00 0.000000e+00 6.401429e+02 1.442857e+01
## [45466] 5.428571e+00 5.142857e+00 2.000000e+00 0.000000e+00 1.257143e+01
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## [45506] 0.000000e+00 1.428571e-01 5.257143e+01 0.000000e+00 0.000000e+00
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## [45536] 0.000000e+00 3.557143e+01 0.000000e+00 3.687500e+01 1.100000e+01
## [45541] 0.000000e+00 0.000000e+00 4.894375e+03 4.237500e+01 0.000000e+00
## [45546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.285714e+00
## [45551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [45556] 0.000000e+00 1.542857e+01 0.000000e+00 0.000000e+00 2.800000e+01
## [45561] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [45566] 0.000000e+00 7.142857e+00 1.001429e+02 0.000000e+00 5.714286e-01
## [45571] 0.000000e+00 1.428571e+00 2.285714e+01 1.357143e+01 7.571429e+00
## [45576] 0.000000e+00 0.000000e+00 0.000000e+00 1.032857e+03 0.000000e+00
## [45581] 9.154286e+02 1.285714e+00 1.057143e+01 5.571429e+00 0.000000e+00
## [45586] 0.000000e+00 1.214286e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [45591] 0.000000e+00 0.000000e+00 0.000000e+00 1.291429e+03 1.142857e+00
## [45596] 2.571429e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.185714e+01
## [45601] 0.000000e+00 8.571429e-01 1.857143e+00 0.000000e+00 1.042857e+01
## [45606] 1.361000e+03 0.000000e+00 2.857143e-01 0.000000e+00 0.000000e+00
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## [45616] 5.985714e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [45636] 4.428571e+01 0.000000e+00 2.428571e+00 0.000000e+00 3.520429e+03
## [45641] 0.000000e+00 5.714286e+00 1.010000e+02 1.820714e+03 1.428571e-01
## [45646] 0.000000e+00 0.000000e+00 8.285714e+00 4.157143e+01 5.771429e+01
## [45651] 1.388750e+02 0.000000e+00 4.629875e+03 0.000000e+00 9.250000e+00
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## [45676] 0.000000e+00 0.000000e+00 2.000000e+01 5.714286e-01 0.000000e+00
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## [45711] 2.571429e+00 1.295571e+03 4.457143e+01 0.000000e+00 0.000000e+00
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## [45721] 0.000000e+00 0.000000e+00 5.714286e-01 2.571429e+00 0.000000e+00
## [45726] 8.938571e+02 4.571429e+00 1.428571e-01 0.000000e+00 0.000000e+00
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## [45741] 0.000000e+00 2.857143e+00 0.000000e+00 1.738571e+02 3.142857e+00
## [45746] 0.000000e+00 0.000000e+00 2.285714e+00 4.385714e+01 1.428571e-01
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## [45781] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [46551] 0.000000e+00 1.971429e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [46576] 0.000000e+00 0.000000e+00 1.428571e-01 0.000000e+00 0.000000e+00
## [46581] 1.471429e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [46591] 0.000000e+00 1.228571e+01 0.000000e+00 0.000000e+00 1.428571e-01
## [46596] 3.254286e+02 0.000000e+00 0.000000e+00 0.000000e+00 1.911429e+02
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## [46756] 0.000000e+00 0.000000e+00 0.000000e+00 2.000000e+00 5.714286e-01
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## [46786] 3.553000e+03 0.000000e+00 0.000000e+00 0.000000e+00 4.714286e+00
## [46791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [46801] 0.000000e+00 0.000000e+00 0.000000e+00 8.285714e+00 0.000000e+00
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## [47561] 0.000000e+00 0.000000e+00 5.716667e+01 1.155033e+04 0.000000e+00
## [47566] 0.000000e+00 0.000000e+00 1.283333e+01 0.000000e+00 0.000000e+00
## [47571] 0.000000e+00 0.000000e+00 3.246333e+03 6.164250e+04 0.000000e+00

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## [47576] 0.000000e+00 0.000000e+00 8.733333e+01 1.736783e+04 0.000000e+00
## [47581] 8.198167e+03 6.556414e+04 1.136046e+05 0.000000e+00 0.000000e+00
## [47586] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [47591] 1.666667e-01 0.000000e+00 2.300000e+01 3.333333e-01 0.000000e+00
## [47596] 0.000000e+00 5.558333e+02 0.000000e+00 1.913333e+02 2.532500e+03
## [47601] 4.270333e+03 2.976883e+04 0.000000e+00 4.355500e+03 2.036667e+03
## [47606] 1.585117e+04 0.000000e+00 1.276000e+03 0.000000e+00 0.000000e+00
## [47611] 0.000000e+00 0.000000e+00 1.227000e+03 8.772167e+03 0.000000e+00
## [47616] 1.166667e+00 8.333333e+01 1.596833e+03 8.333333e-01 0.000000e+00
## [47621] 7.327167e+03 0.000000e+00 2.500000e+01 0.000000e+00 2.333333e+01
## [47626] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00
## [47631] 0.000000e+00 0.000000e+00 2.557833e+03 7.915667e+03 0.000000e+00
## [47636] 5.160117e+04 8.364000e+03 1.000000e+00 0.000000e+00 4.733333e+01
## [47641] 6.648000e+03 1.240424e+05 0.000000e+00 7.080900e+04 0.000000e+00
## [47646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [47656] 0.000000e+00 1.360833e+03 2.061500e+03 0.000000e+00 4.071667e+02
## [47661] 0.000000e+00 3.622500e+03 1.107300e+04 1.729300e+04 0.000000e+00
## [47666] 4.037833e+03 1.546833e+03 9.681500e+03 0.000000e+00 0.000000e+00
## [47671] 0.000000e+00 0.000000e+00 0.000000e+00 4.500000e+00 8.878333e+02
## [47676] 6.343333e+03 0.000000e+00 0.000000e+00 1.994333e+03 6.000000e+01
## [47681] 1.000000e+00 0.000000e+00 2.680750e+04 1.236667e+02 3.233333e+01
## [47686] 8.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [47691] 0.000000e+00 0.000000e+00 6.240167e+03 3.033567e+04 1.014367e+04
## [47696] 0.000000e+00 5.147333e+03 3.850000e+01 2.916667e+01 0.000000e+00
## [47701] 0.000000e+00 2.993971e+04 1.431810e+05 4.118117e+04 0.000000e+00
## [47706] 0.000000e+00 0.000000e+00 0.000000e+00 4.166667e+00 0.000000e+00
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## [47741] 0.000000e+00 2.008333e+02 5.470867e+04 1.166667e+00 0.000000e+00
## [47746] 0.000000e+00 5.333333e+01 3.333333e-01 0.000000e+00 0.000000e+00
## [47751] 0.000000e+00 0.000000e+00 9.184833e+03 2.062467e+04 0.000000e+00
## [47756] 1.786667e+03 0.000000e+00 3.630000e+02 4.245667e+03 2.183333e+01
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## [47766] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+00 0.000000e+00
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## [47786] 0.000000e+00 9.822000e+03 1.253500e+03 0.000000e+00 0.000000e+00
## [47791] 0.000000e+00 0.000000e+00 5.165167e+03 0.000000e+00 1.450000e+01
## [47796] 8.453333e+02 3.625167e+03 0.000000e+00 3.031667e+02 2.166667e+00
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## [47806] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [47816] 0.000000e+00 1.498333e+02 0.000000e+00 3.551667e+03 3.503333e+02
## [47821] 1.534300e+05 1.590716e+05 0.000000e+00 4.582357e+04 0.000000e+00
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## [47836] 1.666667e-01 6.490000e+02 0.000000e+00 3.003667e+03 1.395333e+03
## [47841] 0.000000e+00 4.329833e+03 1.122950e+04 3.454300e+04 0.000000e+00

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## [47861] 1.068167e+03 0.000000e+00 4.666667e+00 6.669933e+04 3.633333e+01
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## [47881] 6.263167e+03 1.593177e+05 1.457283e+04 0.000000e+00 0.000000e+00
## [47886] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.000000e+00
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## [47896] 0.000000e+00 1.418000e+03 4.708333e+02 5.691667e+02 0.000000e+00
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## [47906] 0.000000e+00 1.438833e+03 1.328333e+03 0.000000e+00 0.000000e+00
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## [47926] 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00
## [47931] 0.000000e+00 0.000000e+00 1.687617e+04 1.748000e+03 0.000000e+00
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## [47946] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [47961] 2.693850e+04 1.726333e+03 0.000000e+00 5.900167e+03 3.690500e+03
## [47966] 1.683917e+04 0.000000e+00 9.171667e+02 0.000000e+00 0.000000e+00
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## [47991] 0.000000e+00 0.000000e+00 1.122600e+04 0.000000e+00 2.485667e+03
## [47996] 7.119667e+03 1.323333e+02 4.236667e+02 2.145333e+03 0.000000e+00
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## [48006] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.166667e+00
## [48011] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 2.000000e+00
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## [48021] 0.000000e+00 2.247333e+03 1.569667e+04 8.333333e+02 1.489000e+03
## [48026] 0.000000e+00 1.024167e+04 5.688333e+02 0.000000e+00 0.000000e+00
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## [48111] 0.000000e+00 0.000000e+00 0.000000e+00 4.078000e+03 4.801833e+03

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## [48116] 2.159833e+03 7.516667e+01 1.351833e+03 1.038333e+02 0.000000e+00
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## [48176] 0.000000e+00 7.216667e+01 1.280667e+03 6.716667e+01 0.000000e+00
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## [48186] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
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## [48216] 2.952167e+03 1.352332e+05 1.240000e+02 4.438167e+03 7.567167e+03
## [48221] 6.873000e+04 2.333333e+00 5.250000e+02 1.164767e+04 0.000000e+00
## [48226] 5.166667e+01 2.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [48231] 0.000000e+00 0.000000e+00 2.816667e+01 5.785000e+02 1.898333e+03
## [48236] 3.194167e+03 8.333333e+00 9.660000e+02 1.298333e+02 3.716667e+01
## [48241] 5.051861e+05 5.019643e+04 3.203514e+04 7.088729e+04 0.000000e+00
## [48246] 0.000000e+00 0.000000e+00 0.000000e+00 4.333333e+00 0.000000e+00
## [48251] 0.000000e+00 1.666667e-01 5.983333e+01 0.000000e+00 0.000000e+00
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## [48521] 8.333333e-01 2.156667e+02 2.708833e+03 1.770000e+02 7.050000e+01
## [48526] 0.000000e+00 0.000000e+00 9.833333e+00 0.000000e+00 0.000000e+00
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## [48546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
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## [48556] 8.950000e+01 2.974833e+03 1.033667e+03 1.732833e+03 2.253333e+02
## [48561] 5.551167e+03 4.805817e+04 4.153883e+04 7.088167e+03 2.057700e+04
## [48566] 2.244950e+04 2.521185e+05 1.163833e+04 0.000000e+00 0.000000e+00
## [48571] 0.000000e+00 0.000000e+00 3.846017e+04 2.542667e+03 1.265083e+04
## [48576] 6.474333e+03 1.383333e+01 3.330167e+03 1.844367e+04 3.270000e+02
## [48581] 1.503333e+02 2.000000e+00 1.316667e+02 1.990167e+03 1.005000e+02
## [48586] 0.000000e+00 0.000000e+00 4.833333e+00 0.000000e+00 0.000000e+00
## [48591] 0.000000e+00 0.000000e+00 1.006150e+04 6.354833e+03 1.937167e+03
## [48596] 1.371667e+02 6.138333e+02 1.701667e+02 3.918333e+02 1.551667e+02
## [48601] 5.367271e+04 5.357787e+05 4.512300e+04 9.829114e+04 0.000000e+00
## [48606] 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00
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## [48616] 1.375000e+02 1.207333e+03 2.038667e+03 2.166000e+03 4.233333e+02
## [48621] 1.665567e+04 1.744785e+05 1.758650e+04 2.936800e+04 3.297967e+04
## [48626] 1.179800e+04 2.117003e+05 1.553733e+04 0.000000e+00 0.000000e+00
## [48631] 0.000000e+00 0.000000e+00 1.209083e+04 4.600667e+03 9.296000e+03
## [48636] 1.078033e+04 3.328333e+02 1.316667e+01 8.362333e+03 1.922000e+03
## [48641] 1.460000e+03 1.375000e+02 1.675000e+02 2.333333e+00 0.000000e+00
## [48646] 0.000000e+00 1.748333e+02 4.666667e+00 0.000000e+00 0.000000e+00
## [48651] 0.000000e+00 0.000000e+00 2.652333e+03 1.826667e+02 6.463167e+03

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## [48671] 0.000000e+00 6.666667e-01 0.000000e+00 1.690000e+02 0.000000e+00
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## [48681] 1.822767e+04 2.306572e+05 2.033550e+04 1.962367e+04 8.461167e+03
## [48686] 3.607950e+04 6.005000e+03 1.471395e+05 0.000000e+00 0.000000e+00
## [48691] 0.000000e+00 0.000000e+00 3.248183e+04 5.408500e+03 7.691333e+03
## [48696] 1.425333e+03 2.016667e+01 2.975000e+02 5.561667e+02 4.846167e+03
## [48701] 4.500000e+00 8.066667e+01 1.175000e+02 1.030833e+03 0.000000e+00
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## [48711] 0.000000e+00 0.000000e+00 1.360000e+02 6.981333e+03 2.985667e+03
## [48716] 4.760167e+03 2.331667e+02 3.916667e+02 2.565000e+02 2.300000e+01
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## [48726] 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00
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## [48896] 2.535667e+03 1.733333e+01 2.750000e+02 4.733333e+01 1.008333e+02
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## [48916] 0.000000e+00 2.685333e+03 1.325767e+04 1.443333e+02 2.095133e+04
## [48921] 3.024073e+05 8.796667e+02 6.762650e+04 1.515483e+04 3.553667e+03

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## [48926] 2.516000e+03 1.724933e+04 4.236667e+02 0.000000e+00 0.000000e+00
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## [48976] 0.000000e+00 2.913700e+04 2.778217e+04 8.883333e+01 1.336167e+03
## [48981] 5.021667e+02 5.459533e+04 2.782988e+05 1.557300e+04 3.976333e+03
## [48986] 1.183333e+04 1.522333e+03 2.118333e+02 0.000000e+00 0.000000e+00
## [48991] 0.000000e+00 0.000000e+00 3.903667e+03 1.781167e+03 6.373333e+02
## [48996] 4.991367e+04 1.703333e+02 1.196667e+02 1.098333e+03 7.616667e+01
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## [49046] 1.881000e+03 7.083167e+03 1.831667e+02 0.000000e+00 0.000000e+00
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## [49056] 2.713867e+04 9.216667e+01 3.650000e+01 8.095000e+02 1.280000e+02
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## [49071] 0.000000e+00 0.000000e+00 7.316667e+01 2.711667e+02 1.647500e+03
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## [49191] 0.000000e+00 0.000000e+00 5.016667e+01 9.966667e+01 1.024833e+03

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## [49466] 3.850000e+01 3.242000e+03 8.880000e+02 0.000000e+00 0.000000e+00
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## [49496] 2.950000e+01 6.666667e-01 2.415000e+02 2.166667e+01 4.666667e+00
## [49501] 6.371429e+02 1.188986e+04 2.078954e+05 2.080983e+05 0.000000e+00
## [49506] 0.000000e+00 0.000000e+00 0.000000e+00 1.773000e+04 3.881500e+03
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## [49516] 0.000000e+00 1.451667e+02 3.944667e+03 1.190717e+04 7.333333e+00
## [49521] 4.518333e+02 7.381833e+03 2.277350e+04 6.283333e+01 7.950000e+01
## [49526] 2.850000e+01 3.065833e+03 1.110333e+03 0.000000e+00 0.000000e+00
## [49531] 0.000000e+00 0.000000e+00 3.320833e+03 4.416667e+01 8.676667e+02
## [49536] 6.930000e+02 3.811500e+03 1.350000e+01 4.091667e+02 2.000000e+00
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## [49561] 9.759000e+03 5.878229e+05 4.875714e+02 3.601429e+02 0.000000e+00
## [49566] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.688833e+03
## [49571] 0.000000e+00 1.086233e+04 0.000000e+00 0.000000e+00 6.712167e+03
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## [50481] 1.045698e+05 8.333333e-01 2.486600e+04 3.666667e+00 1.239723e+05
## [50486] 1.666667e-01 5.000000e-01 3.506150e+04 0.000000e+00 0.000000e+00
## [50491] 0.000000e+00 4.811133e+04 1.194350e+04 3.424967e+04 0.000000e+00
## [50496] 0.000000e+00 0.000000e+00 3.897000e+03 0.000000e+00 6.660000e+03
## [50501] 1.754167e+03 0.000000e+00 0.000000e+00 2.643833e+03 0.000000e+00
## [50506] 0.000000e+00 2.709167e+03 6.067567e+04 0.000000e+00 0.000000e+00
## [50511] 0.000000e+00 0.000000e+00 1.666667e-01 5.838667e+03 0.000000e+00
## [50516] 1.991500e+03 3.095000e+02 0.000000e+00 0.000000e+00 4.891667e+02
## [50521] 3.060212e+04 2.659300e+05 2.755008e+05 3.696416e+05 0.000000e+00
## [50526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.552167e+03
## [50531] 1.355500e+03 0.000000e+00 7.551667e+02 4.670000e+02 0.000000e+00
## [50536] 0.000000e+00 1.840667e+03 3.646333e+03 0.000000e+00 0.000000e+00
## [50541] 1.452440e+05 4.220050e+04 2.166667e+00 6.666667e-01 5.000000e-01

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## [50546] 7.711500e+04 1.666667e-01 3.194950e+04 0.000000e+00 0.000000e+00
## [50551] 2.757717e+04 0.000000e+00 1.666667e-01 1.666667e-01 1.726083e+04
## [50556] 7.991833e+03 0.000000e+00 0.000000e+00 2.479500e+03 3.991833e+03
## [50561] 1.648667e+03 0.000000e+00 1.279833e+03 0.000000e+00 0.000000e+00
## [50566] 2.110667e+03 0.000000e+00 3.559633e+04 0.000000e+00 0.000000e+00
## [50571] 0.000000e+00 0.000000e+00 1.666667e-01 1.551167e+03 1.666667e-01
## [50576] 3.672333e+03 2.078333e+02 0.000000e+00 4.823333e+02 0.000000e+00
## [50581] 2.070339e+05 4.117143e+03 2.137386e+05 5.320005e+05 0.000000e+00
## [50586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.452000e+03
## [50591] 0.000000e+00 1.006333e+03 0.000000e+00 0.000000e+00 4.215000e+02
## [50596] 5.286667e+02 1.666667e-01 5.186833e+03 1.294850e+04 3.333333e-01
## [50601] 5.000000e-01 2.500000e+00 1.326853e+05 6.036417e+04 0.000000e+00
## [50606] 3.333333e-01 1.826767e+04 3.578217e+04 0.000000e+00 0.000000e+00
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## [50651] 0.000000e+00 6.085000e+02 0.000000e+00 3.488333e+02 4.033333e+02
## [50656] 0.000000e+00 1.666667e-01 1.077050e+04 0.000000e+00 1.127600e+04
## [50661] 8.344517e+04 0.000000e+00 4.461217e+04 1.333333e+00 0.000000e+00
## [50666] 1.432783e+04 0.000000e+00 9.758833e+03 0.000000e+00 2.837833e+03
## [50671] 0.000000e+00 0.000000e+00 4.962667e+03 3.981167e+03 0.000000e+00
## [50676] 0.000000e+00 1.195000e+03 0.000000e+00 0.000000e+00 1.105333e+03
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## [50721] 3.093150e+04 3.333333e-01 1.833333e+00 4.895333e+04 6.284833e+03
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## [50806] 7.510000e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [50816] 5.988333e+02 8.866667e+01 0.000000e+00 0.000000e+00 1.106667e+02
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## [50876] 0.000000e+00 8.583333e+01 6.416667e+01 0.000000e+00 0.000000e+00
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## [50896] 2.691667e+02 0.000000e+00 4.381500e+03 4.254500e+03 0.000000e+00
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## [50946] 0.000000e+00 0.000000e+00 0.000000e+00 1.615000e+02 0.000000e+00
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## [50956] 0.000000e+00 0.000000e+00 2.486667e+03 3.203500e+03 0.000000e+00
## [50961] 7.233000e+03 8.519500e+03 1.666667e-01 1.666667e-01 0.000000e+00
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## [51356] 0.000000e+00 3.333333e+00 5.666667e+00 0.000000e+00 0.000000e+00
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## [52491] 0.000000e+00 0.000000e+00 0.000000e+00 9.000000e+00 5.983333e+01
## [52496] 0.000000e+00 0.000000e+00 0.000000e+00 1.333333e+00 3.183333e+01
## [52501] 3.556143e+03 0.000000e+00 3.101429e+02 0.000000e+00 0.000000e+00
## [52506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.333333e+00
## [52511] 2.153333e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e+00
## [52516] 6.316667e+01 0.000000e+00 0.000000e+00 4.533333e+01 8.205000e+02
## [52521] 0.000000e+00 2.366667e+02 2.245833e+03 0.000000e+00 0.000000e+00
## [52526] 6.628333e+02 4.883333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [52531] 5.433333e+02 0.000000e+00 0.000000e+00 2.066667e+01 0.000000e+00
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## [52541] 0.000000e+00 0.000000e+00 2.833333e+00 5.033333e+01 8.218333e+02
## [52546] 0.000000e+00 0.000000e+00 5.666667e+00 0.000000e+00 0.000000e+00
## [52551] 0.000000e+00 0.000000e+00 9.350000e+01 0.000000e+00 0.000000e+00
## [52556] 7.666667e+00 3.066667e+01 0.000000e+00 1.166667e+00 0.000000e+00
## [52561] 0.000000e+00 0.000000e+00 3.297857e+03 3.584286e+02 0.000000e+00
## [52566] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.833333e+00
## [52571] 1.641667e+02 0.000000e+00 0.000000e+00 0.000000e+00 4.900000e+01
## [52576] 4.000000e+00 0.000000e+00 6.161667e+02 0.000000e+00 4.666667e+01
## [52581] 0.000000e+00 2.155833e+03 2.675000e+02 0.000000e+00 6.430000e+02
## [52586] 0.000000e+00 0.000000e+00 6.283333e+01 0.000000e+00 0.000000e+00
## [52591] 4.423333e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.780000e+02
## [52596] 2.800000e+01 0.000000e+00 1.025000e+02 0.000000e+00 9.333333e+00
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## [52606] 6.555000e+02 0.000000e+00 5.833333e+00 0.000000e+00 0.000000e+00
## [52611] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 9.450000e+01
## [52616] 7.333333e+00 3.100000e+01 0.000000e+00 0.000000e+00 1.666667e-01
## [52621] 2.940000e+02 0.000000e+00 0.000000e+00 2.545000e+03 0.000000e+00
## [52626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.258333e+02
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## [52651] 0.000000e+00 0.000000e+00 2.116667e+02 1.883333e+01 0.000000e+00
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## [52681] 2.450143e+03 0.000000e+00 1.428571e-01 1.935714e+02 0.000000e+00
## [52686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
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## [52696] 3.816667e+01 0.000000e+00 0.000000e+00 2.150000e+01 4.015000e+02
## [52701] 1.506667e+02 0.000000e+00 1.542000e+03 1.666667e-01 0.000000e+00

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## [52706] 0.000000e+00 3.000000e+01 4.675000e+02 0.000000e+00 0.000000e+00
## [52711] 3.770000e+02 0.000000e+00 0.000000e+00 0.000000e+00 1.983333e+02
## [52716] 1.233333e+01 0.000000e+00 0.000000e+00 7.166667e+00 8.233333e+01
## [52721] 4.166667e+00 0.000000e+00 0.000000e+00 1.668333e+02 0.000000e+00
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## [52741] 8.085714e+01 1.166714e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [52746] 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00
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## [52791] 0.000000e+00 0.000000e+00 5.500000e+00 0.000000e+00 0.000000e+00
## [52796] 1.766667e+01 2.500000e+00 0.000000e+00 0.000000e+00 2.666667e+01
## [52801] 0.000000e+00 1.428571e-01 7.251429e+02 4.371429e+01 0.000000e+00
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## [52811] 0.000000e+00 0.000000e+00 1.633333e+01 0.000000e+00 0.000000e+00
## [52816] 5.000000e-01 0.000000e+00 8.166667e+00 0.000000e+00 1.096667e+02
## [52821] 1.666667e-01 4.106667e+02 2.566667e+01 0.000000e+00 1.163333e+02
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## [52831] 0.000000e+00 0.000000e+00 5.000000e+01 0.000000e+00 4.333333e+00
## [52836] 0.000000e+00 4.433333e+01 0.000000e+00 3.000000e+00 0.000000e+00
## [52841] 3.166667e+00 1.150000e+02 0.000000e+00 0.000000e+00 1.000000e+00
## [52846] 0.000000e+00 1.908333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [52851] 0.000000e+00 0.000000e+00 0.000000e+00 1.166667e+00 1.016667e+01
## [52856] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 1.683333e+01
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## [52881] 1.666667e-01 5.178333e+02 2.450000e+01 0.000000e+00 0.000000e+00
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## [52891] 0.000000e+00 2.581667e+02 0.000000e+00 5.000000e+00 9.150000e+01
## [52896] 0.000000e+00 6.833333e+00 0.000000e+00 0.000000e+00 8.233333e+01
## [52901] 0.000000e+00 7.166667e+00 1.146667e+02 0.000000e+00 1.666667e+00
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## [52911] 0.000000e+00 0.000000e+00 3.000000e+00 0.000000e+00 0.000000e+00
## [52916] 1.716667e+01 0.000000e+00 5.000000e-01 2.933333e+01 0.000000e+00
## [52921] 6.497143e+02 0.000000e+00 2.128571e+01 0.000000e+00 0.000000e+00
## [52926] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [52931] 7.100000e+01 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [52971] 0.000000e+00 0.000000e+00 0.000000e+00 2.183333e+01 0.000000e+00

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##	[55946]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[55951]	4.833333e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[55956]	0.000000e+00	1.833333e+01	0.000000e+00	8.683333e+01	3.611667e+02
##	[55961]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[55966]	1.666667e-01	0.000000e+00	0.000000e+00	5.000000e-01	0.000000e+00
##	[55971]	0.000000e+00	3.288333e+02	0.000000e+00	0.000000e+00	5.000000e-01
##	[55976]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[55981]	6.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[55986]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[55991]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[55996]	0.000000e+00	0.000000e+00	3.666667e+00	0.000000e+00	3.066667e+01
##	[56001]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56006]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56011]	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e+00	0.000000e+00
##	[56016]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56021]	0.000000e+00	0.000000e+00	0.000000e+00	5.966000e+03	0.000000e+00
##	[56026]	0.000000e+00	0.000000e+00	0.000000e+00	2.025000e+02	1.666667e-01
##	[56031]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56036]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56041]	1.676667e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56046]	0.000000e+00	1.666667e-01	1.666667e-01	0.000000e+00	0.000000e+00
##	[56051]	0.000000e+00	1.433333e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[56056]	0.000000e+00	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00
##	[56061]	0.000000e+00	0.000000e+00	0.000000e+00	4.383333e+01	0.000000e+00
##	[56066]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56071]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56076]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56081]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56086]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56091]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56096]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56101]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56106]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56111]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56116]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56121]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56126]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56131]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[56136]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

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## [58716] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [58721] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [58726] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 5.000000e-01
## [58731] 1.666667e-01 1.280000e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [58741] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [58796] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [58816] 8.616667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [58826] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [58831] 5.000000e-01 3.333333e-01 6.626667e+02 4.836667e+02 0.000000e+00
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[illegible]


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## [59761] 0.000000e+00 0.000000e+00 1.193333e+02 0.000000e+00 0.000000e+00
## [59766] 0.000000e+00 0.000000e+00 3.400000e+01 0.000000e+00 0.000000e+00
## [59771] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59776] 0.000000e+00 0.000000e+00 1.500000e+01 0.000000e+00 0.000000e+00
## [59781] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59786] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [59791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59796] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.060000e+02
## [59801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59806] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59811] 3.086667e+02 0.000000e+00 0.000000e+00 3.333333e-01 1.591667e+02
## [59816] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59821] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.850000e+01
## [59826] 0.000000e+00 3.060000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [59831] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [59836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59841] 0.000000e+00 9.100000e+01 0.000000e+00 0.000000e+00 1.666667e-01
## [59846] 0.000000e+00 0.000000e+00 7.950000e+01 5.733333e+01 0.000000e+00
## [59851] 0.000000e+00 1.033333e+02 0.000000e+00 0.000000e+00 7.883333e+01
## [59856] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59861] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59866] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59871] 0.000000e+00 0.000000e+00 0.000000e+00 4.510000e+02 7.600000e+01
## [59876] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59881] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59886] 0.000000e+00 3.333333e-01 1.666667e-01 0.000000e+00 1.666667e-01
## [59891] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [59896] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.479000e+03
## [59906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59911] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59916] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.033333e+01
## [59921] 0.000000e+00 0.000000e+00 0.000000e+00 2.866667e+01 0.000000e+00
## [59926] 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [59931] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59936] 0.000000e+00 0.000000e+00 1.500000e+01 0.000000e+00 0.000000e+00
## [59941] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59946] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [59966] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59971] 1.930000e+02 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [59976] 1.650000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [59981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [59986] 0.000000e+00 0.000000e+00 0.000000e+00 5.833333e+02 0.000000e+00
## [59991] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00

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##	[59996]	0.000000e+00	2.516667e+01	1.666667e-01	0.000000e+00	3.333333e-01
##	[60001]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60006]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60011]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.160000e+02
##	[60016]	0.000000e+00	0.000000e+00	0.000000e+00	6.666667e+00	0.000000e+00
##	[60021]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60026]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60031]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60036]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60041]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60046]	0.000000e+00	0.000000e+00	0.000000e+00	5.366667e+01	6.666667e+00
##	[60051]	0.000000e+00	1.800000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[60056]	3.400000e+01	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[60061]	0.000000e+00	0.000000e+00	5.283333e+01	1.216667e+01	0.000000e+00
##	[60066]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[60071]	0.000000e+00	0.000000e+00	6.666667e-01	0.000000e+00	0.000000e+00
##	[60076]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[60081]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60086]	0.000000e+00	3.300000e+01	1.666667e-01	0.000000e+00	0.000000e+00
##	[60091]	0.000000e+00	1.751667e+02	0.000000e+00	0.000000e+00	0.000000e+00
##	[60096]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60101]	2.966667e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60106]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60111]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60116]	0.000000e+00	1.250000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[60121]	0.000000e+00	0.000000e+00	4.433333e+01	0.000000e+00	0.000000e+00
##	[60126]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[60131]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.333333e-01
##	[60136]	0.000000e+00	4.933333e+01	2.583333e+01	0.000000e+00	0.000000e+00
##	[60141]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.183333e+01
##	[60146]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60151]	2.633333e+01	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[60156]	0.000000e+00	1.783333e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[60161]	0.000000e+00	0.000000e+00	8.833333e+00	0.000000e+00	0.000000e+00
##	[60166]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60171]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60176]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60181]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60186]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

[illegible]

[illegible]

##	[60806]	0.000000e+00	0.000000e+00	6.666667e-01	0.000000e+00	0.000000e+00
##	[60811]	0.000000e+00	0.000000e+00	1.666667e-01	1.666667e-01	0.000000e+00
##	[60816]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60821]	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60826]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60831]	0.000000e+00	0.000000e+00	0.000000e+00	7.666667e+00	1.666667e-01
##	[60836]	0.000000e+00	6.666667e-01	3.333333e-01	0.000000e+00	1.151667e+02
##	[60841]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60846]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60851]	0.000000e+00	0.000000e+00	0.000000e+00	3.333333e-01	0.000000e+00
##	[60856]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60861]	1.666667e-01	1.666667e-01	1.666667e-01	0.000000e+00	0.000000e+00
##	[60866]	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-01	0.000000e+00
##	[60871]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60876]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60881]	3.333333e-01	0.000000e+00	2.433333e+01	0.000000e+00	0.000000e+00
##	[60886]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60891]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[60896]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60901]	0.000000e+00	4.333333e+00	1.666667e-01	0.000000e+00	1.666667e-01
##	[60906]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60911]	6.666667e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60916]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60921]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60926]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60931]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[60936]	2.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60941]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.333333e+00
##	[60946]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60951]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[60956]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60961]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60966]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60971]	0.000000e+00	0.000000e+00	0.000000e+00	1.795000e+02	0.000000e+00
##	[60976]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60981]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60986]	0.000000e+00	1.666667e-01	2.283333e+01	0.000000e+00	0.000000e+00
##	[60991]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[60996]	0.000000e+00	3.383333e+01	2.150000e+01	0.000000e+00	0.000000e+00

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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## [62441] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.500000e+01
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## [62466] 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00
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## [62616] 0.000000e+00 6.446667e+02 0.000000e+00 1.783333e+01 0.000000e+00
## [62621] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [62711] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [62796] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.978333e+02
## [62801] 0.000000e+00 7.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62806] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [62811] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62816] 6.500000e+01 0.000000e+00 0.000000e+00 2.721667e+02 1.226667e+02
## [62821] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62826] 4.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00 4.266667e+01
## [62831] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62841] 0.000000e+00 0.000000e+00 8.800000e+01 0.000000e+00 0.000000e+00
## [62846] 0.000000e+00 7.450000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [62851] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62856] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62861] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62866] 0.000000e+00 8.916667e+01 2.721667e+02 0.000000e+00 0.000000e+00
## [62871] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62876] 1.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62881] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [62886] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 9.333333e+01
## [62891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.833333e+00
## [62896] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.350000e+01
## [62901] 7.950000e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.510000e+02
## [62906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.450000e+01
## [62911] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62916] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62921] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62926] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62931] 6.716667e+01 0.000000e+00 0.000000e+00 5.103333e+02 0.000000e+00
## [62936] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [62941] 5.000000e-01 0.000000e+00 0.000000e+00 5.000000e-01 1.666667e-01
## [62946] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62951] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+00
## [62956] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [62961] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

```

[illegible]

##	[63236]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.300000e+01
##	[63241]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[63246]	0.000000e+00	0.000000e+00	0.000000e+00	8.333333e-01	0.000000e+00
##	[63251]	0.000000e+00	0.000000e+00	0.000000e+00	3.183333e+01	0.000000e+00
##	[63256]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63261]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63266]	0.000000e+00	0.000000e+00	0.000000e+00	1.530000e+02	0.000000e+00
##	[63271]	0.000000e+00	4.050000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[63276]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63281]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63286]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63291]	0.000000e+00	7.266667e+01	6.083333e+01	0.000000e+00	0.000000e+00
##	[63296]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63301]	7.833333e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63306]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e+00
##	[63311]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63316]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63321]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63326]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63331]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63336]	1.666667e-01	0.000000e+00	1.666667e-01	1.133333e+01	0.000000e+00
##	[63341]	0.000000e+00	0.000000e+00	1.476667e+02	2.841667e+02	1.666667e-01
##	[63346]	0.000000e+00	0.000000e+00	1.530000e+02	0.000000e+00	0.000000e+00
##	[63351]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63356]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63361]	2.300000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63366]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63371]	4.366667e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63376]	0.000000e+00	6.033333e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[63381]	3.833333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63386]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63391]	6.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63396]	0.000000e+00	5.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63401]	2.283333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63406]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.166667e+00
##	[63411]	3.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63416]	5.250000e+01	0.000000e+00	4.833333e+00	0.000000e+00	0.000000e+00
##	[63421]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[63426]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

[illegible]

[illegible]

[illegible]

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## [64316] 0.000000e+00 2.529333e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [64321] 0.000000e+00 1.666667e-01 0.000000e+00 1.666667e-01 0.000000e+00
## [64326] 6.136667e+02 0.000000e+00 1.666667e-01 0.000000e+00 2.155000e+02
## [64331] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 1.666667e-01
## [64336] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64341] 3.271667e+02 0.000000e+00 0.000000e+00 8.300000e+01 0.000000e+00
## [64346] 0.000000e+00 0.000000e+00 0.000000e+00 2.306667e+03 1.666667e-01
## [64351] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [64356] 2.666667e+00 1.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64361] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [64366] 1.508333e+02 1.666667e-01 0.000000e+00 0.000000e+00 4.093333e+02
## [64371] 0.000000e+00 0.000000e+00 0.000000e+00 7.166667e+00 0.000000e+00
## [64376] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64381] 0.000000e+00 0.000000e+00 6.206667e+02 0.000000e+00 0.000000e+00
## [64386] 1.434943e+04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64391] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.223333e+02
## [64396] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64401] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.103333e+02
## [64406] 5.783333e+01 3.155000e+02 0.000000e+00 2.666667e+00 0.000000e+00
## [64411] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64416] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64421] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64426] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [64431] 0.000000e+00 0.000000e+00 0.000000e+00 3.080000e+02 0.000000e+00
## [64436] 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64441] 1.000000e+01 0.000000e+00 1.506500e+03 0.000000e+00 0.000000e+00
## [64446] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64451] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.306667e+03
## [64456] 0.000000e+00 8.333333e-01 1.000000e+00 0.000000e+00 3.998333e+02
## [64461] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.521667e+02
## [64471] 0.000000e+00 0.000000e+00 9.686667e+02 0.000000e+00 1.666667e-01
## [64476] 6.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64481] 0.000000e+00 6.666667e-01 0.000000e+00 1.666667e-01 2.134833e+03
## [64486] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64501] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64511] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64531] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64536] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64556] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64561] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64566] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64576] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [64581] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

```

[illegible]

[illegible]

##	[65126]	0.000000e+00	0.000000e+00	4.000000e+00	0.000000e+00	0.000000e+00
##	[65131]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65136]	0.000000e+00	4.866667e+01	0.000000e+00	1.566667e+01	0.000000e+00
##	[65141]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65146]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65151]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65156]	1.516667e+01	0.000000e+00	1.933333e+01	0.000000e+00	0.000000e+00
##	[65161]	0.000000e+00	0.000000e+00	0.000000e+00	5.316667e+01	0.000000e+00
##	[65166]	0.000000e+00	0.000000e+00	0.000000e+00	4.500000e+00	0.000000e+00
##	[65171]	8.033333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65176]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.166667e+00
##	[65181]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65186]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	2.666667e+00
##	[65191]	8.216667e+01	0.000000e+00	5.333333e+00	0.000000e+00	0.000000e+00
##	[65196]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65201]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65206]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65211]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e+01
##	[65216]	3.303333e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65221]	0.000000e+00	0.000000e+00	2.500000e+00	0.000000e+00	0.000000e+00
##	[65226]	9.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65231]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65236]	2.333333e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[65241]	0.000000e+00	1.083333e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[65246]	0.000000e+00	0.000000e+00	3.333333e+00	0.000000e+00	0.000000e+00
##	[65251]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65256]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65261]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[65266]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65271]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65276]	0.000000e+00	0.000000e+00	2.833333e+00	0.000000e+00	0.000000e+00
##	[65281]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.150000e+01
##	[65286]	0.000000e+00	0.000000e+00	8.216667e+01	0.000000e+00	0.000000e+00
##	[65291]	0.000000e+00	7.700000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[65296]	0.000000e+00	8.566667e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[65301]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.783333e+01
##	[65306]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65311]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[65316]	0.000000e+00	0.000000e+00	0.000000e+00	3.333333e+00	0.000000e+00

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## [65396] 0.000000e+00 1.350000e+01 5.000000e-01 0.000000e+00 0.000000e+00
## [65401] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65406] 7.066667e+02 7.615000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [65411] 7.066667e+01 2.955333e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [65416] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65421] 7.011667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65426] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65431] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65436] 0.000000e+00 0.000000e+00 0.000000e+00 1.130000e+02 0.000000e+00
## [65441] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [65446] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.708333e+02
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## [65456] 0.000000e+00 0.000000e+00 9.000000e+01 0.000000e+00 0.000000e+00
## [65461] 0.000000e+00 1.666667e-01 1.800000e+01 0.000000e+00 0.000000e+00
## [65466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65471] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65476] 4.700000e+01 0.000000e+00 0.000000e+00 1.433333e+01 0.000000e+00
## [65481] 0.000000e+00 1.378333e+02 0.000000e+00 0.000000e+00 2.316667e+01
## [65486] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [65491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65501] 0.000000e+00 0.000000e+00 0.000000e+00 1.383333e+01 0.000000e+00
## [65506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65511] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [65516] 0.000000e+00 0.000000e+00 7.683333e+01 0.000000e+00 0.000000e+00
## [65521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65526] 0.000000e+00 1.655000e+02 0.000000e+00 4.058333e+02 2.316667e+01
## [65531] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65536] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.150000e+02
## [65541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65556] 0.000000e+00 0.000000e+00 0.000000e+00 3.606667e+02 0.000000e+00
## [65561] 0.000000e+00 0.000000e+00 7.550000e+02 0.000000e+00 0.000000e+00
## [65566] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.833333e+00
## [65571] 0.000000e+00 0.000000e+00 0.000000e+00 6.116667e+01 0.000000e+00
## [65576] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65581] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65586] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [65591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.016667e+01
## [65596] 8.616667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65601] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65606] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65611] 0.000000e+00 0.000000e+00 0.000000e+00 1.200000e+01 0.000000e+00
## [65616] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65621] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65631] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65636] 0.000000e+00 0.000000e+00 3.853333e+02 0.000000e+00 0.000000e+00
## [65641] 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00 8.233333e+01
## [65646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65651] 7.083333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [65656] 0.000000e+00 1.666667e-01 0.000000e+00 1.666667e-01 7.500000e+00
## [65661] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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##	[65666]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.950000e+01
##	[65671]	1.200000e+01	0.000000e+00	1.629000e+03	0.000000e+00	0.000000e+00
##	[65676]	0.000000e+00	7.666667e+00	9.000000e+00	6.983333e+01	0.000000e+00
##	[65681]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65686]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.271667e+02
##	[65691]	0.000000e+00	1.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65696]	0.000000e+00	1.100000e+02	4.251667e+02	1.666667e-01	0.000000e+00
##	[65701]	0.000000e+00	0.000000e+00	3.671667e+02	0.000000e+00	0.000000e+00
##	[65706]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65711]	1.640000e+02	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00
##	[65716]	0.000000e+00	0.000000e+00	5.083333e+01	0.000000e+00	0.000000e+00
##	[65721]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[65726]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65731]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65736]	0.000000e+00	0.000000e+00	7.433333e+01	0.000000e+00	0.000000e+00
##	[65741]	0.000000e+00	0.000000e+00	3.500000e+01	0.000000e+00	0.000000e+00
##	[65746]	6.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65751]	0.000000e+00	3.671667e+02	1.066667e+01	0.000000e+00	0.000000e+00
##	[65756]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65761]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65766]	1.078333e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65771]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65776]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65781]	4.383333e+02	0.000000e+00	0.000000e+00	6.666667e-01	0.000000e+00
##	[65786]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65791]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65796]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65801]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65806]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65811]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65816]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65821]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65826]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65831]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65836]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65841]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65846]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65851]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65856]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

##	[65936]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65941]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65946]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65951]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65956]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65961]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65966]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65971]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65976]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65981]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65986]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65991]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[65996]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66001]	0.000000e+00	0.000000e+00	3.666667e+01	0.000000e+00	5.000000e-01
##	[66006]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.785000e+02
##	[66011]	1.566667e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66016]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66021]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66026]	0.000000e+00	5.566667e+01	0.000000e+00	0.000000e+00	5.000000e-01
##	[66031]	1.150000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66036]	0.000000e+00	6.666667e-01	0.000000e+00	3.333333e-01	1.666667e-01
##	[66041]	0.000000e+00	0.000000e+00	2.338333e+02	1.666667e-01	0.000000e+00
##	[66046]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[66051]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66056]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66061]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66066]	1.666667e-01	0.000000e+00	9.300000e+01	0.000000e+00	3.950000e+01
##	[66071]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66076]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66081]	0.000000e+00	0.000000e+00	0.000000e+00	4.250000e+01	0.000000e+00
##	[66086]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66091]	0.000000e+00	0.000000e+00	2.556667e+02	0.000000e+00	0.000000e+00
##	[66096]	0.000000e+00	0.000000e+00	6.633333e+01	0.000000e+00	0.000000e+00
##	[66101]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.418333e+02
##	[66106]	0.000000e+00	6.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66111]	0.000000e+00	0.000000e+00	0.000000e+00	8.000000e+00	0.000000e+00
##	[66116]	0.000000e+00	0.000000e+00	6.483333e+01	1.666667e-01	0.000000e+00
##	[66121]	1.666667e-01	4.550000e+01	0.000000e+00	1.666667e-01	0.000000e+00
##	[66126]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.926667e+02


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## [66206] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66211] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [66216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66221] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66226] 0.000000e+00 2.400000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [66231] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66236] 0.000000e+00 2.250000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [66241] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66251] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66256] 2.250000e+02 5.016667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [66261] 0.000000e+00 0.000000e+00 0.000000e+00 6.333333e+01 0.000000e+00
## [66266] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.016667e+01
## [66271] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66276] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66281] 0.000000e+00 0.000000e+00 0.000000e+00 8.313333e+02 0.000000e+00
## [66286] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66291] 1.950000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66296] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.166667e+00
## [66301] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e+00 0.000000e+00
## [66306] 0.000000e+00 0.000000e+00 2.533333e+01 0.000000e+00 1.933333e+01
## [66311] 0.000000e+00 3.900000e+01 1.666667e-01 0.000000e+00 0.000000e+00
## [66316] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.833333e+00
## [66321] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66326] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66331] 8.333333e-01 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00
## [66336] 0.000000e+00 0.000000e+00 0.000000e+00 2.550000e+01 1.933333e+01
## [66341] 6.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.550000e+01
## [66346] 0.000000e+00 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00
## [66351] 0.000000e+00 0.000000e+00 2.263333e+02 0.000000e+00 0.000000e+00
## [66356] 0.000000e+00 0.000000e+00 2.000000e+00 0.000000e+00 0.000000e+00
## [66361] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66366] 6.650000e+01 0.000000e+00 1.995000e+02 0.000000e+00 0.000000e+00
## [66371] 0.000000e+00 0.000000e+00 0.000000e+00 1.731667e+02 0.000000e+00
## [66376] 0.000000e+00 2.133333e+01 0.000000e+00 0.000000e+00 3.333333e-01
## [66381] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66386] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66391] 0.000000e+00 3.866667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [66396] 0.000000e+00 1.351667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [66401] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.850000e+01
## [66406] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66411] 0.000000e+00 0.000000e+00 2.883333e+01 1.666667e-01 0.000000e+00
## [66416] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66421] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66426] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66431] 0.000000e+00 0.000000e+00 0.000000e+00 8.983333e+01 1.921667e+02
## [66436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66441] 0.000000e+00 7.365000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [66446] 0.000000e+00 0.000000e+00 5.566667e+01 6.621667e+02 0.000000e+00
## [66451] 0.000000e+00 9.833333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [66456] 5.000000e-01 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00
## [66461] 1.181667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [66471] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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##	[66476]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66481]	0.000000e+00	2.966667e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[66486]	6.600000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66491]	9.716667e+01	0.000000e+00	2.313333e+02	0.000000e+00	0.000000e+00
##	[66496]	0.000000e+00	1.016667e+02	0.000000e+00	6.621667e+02	0.000000e+00
##	[66501]	0.000000e+00	8.080000e+02	0.000000e+00	0.000000e+00	0.000000e+00
##	[66506]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66511]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66516]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66521]	0.000000e+00	5.000000e-01	9.683333e+01	0.000000e+00	0.000000e+00
##	[66526]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66531]	0.000000e+00	0.000000e+00	0.000000e+00	5.478333e+02	0.000000e+00
##	[66536]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66541]	5.000000e-01	1.003333e+02	0.000000e+00	0.000000e+00	0.000000e+00
##	[66546]	1.000000e+00	0.000000e+00	0.000000e+00	2.966667e+01	5.000000e-01
##	[66551]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[66556]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66561]	0.000000e+00	0.000000e+00	2.195000e+02	1.593333e+02	0.000000e+00
##	[66566]	1.633333e+01	0.000000e+00	5.000000e+00	0.000000e+00	0.000000e+00
##	[66571]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66576]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[66581]	3.333333e-01	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[66586]	0.000000e+00	2.787333e+03	0.000000e+00	1.666667e-01	0.000000e+00
##	[66591]	0.000000e+00	3.616667e+01	4.000000e+00	0.000000e+00	0.000000e+00
##	[66596]	0.000000e+00	5.501667e+02	0.000000e+00	0.000000e+00	0.000000e+00
##	[66601]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[66606]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66611]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66616]	0.000000e+00	0.000000e+00	0.000000e+00	9.666667e+01	0.000000e+00
##	[66621]	8.333333e-01	0.000000e+00	4.000000e+00	0.000000e+00	0.000000e+00
##	[66626]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66631]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66636]	6.266667e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66641]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66646]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66651]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66656]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66661]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[66666]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.833333e+00

[illegible]

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## [67016] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67021] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67026] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67031] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [67076] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [67086] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [67096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [67106] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67111] 2.178333e+02 8.125000e+02 5.000000e-01 0.000000e+00 1.666667e+00
## [67116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67121] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67126] 0.000000e+00 0.000000e+00 3.603333e+02 0.000000e+00 0.000000e+00
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## [67141] 0.000000e+00 2.053333e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [67146] 0.000000e+00 0.000000e+00 3.333333e-01 2.580500e+03 2.580500e+03
## [67151] 9.450000e+01 0.000000e+00 2.556667e+02 0.000000e+00 0.000000e+00
## [67156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.251667e+02
## [67161] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67166] 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00
## [67171] 0.000000e+00 0.000000e+00 1.106667e+02 1.000000e+00 0.000000e+00
## [67176] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [67181] 1.666667e-01 0.000000e+00 1.666667e-01 4.736667e+02 0.000000e+00
## [67186] 2.464667e+03 3.608333e+02 0.000000e+00 1.576667e+02 1.106667e+02
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## [67221] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67226] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
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## [67236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67241] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [67246] 3.333333e-01 1.186167e+03 0.000000e+00 0.000000e+00 1.733333e+02
## [67251] 0.000000e+00 0.000000e+00 7.550000e+01 0.000000e+00 0.000000e+00
## [67256] 0.000000e+00 1.355486e+04 0.000000e+00 0.000000e+00 0.000000e+00
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## [67266] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [67271] 0.000000e+00 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00
## [67276] 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00 3.333333e-01
## [67281] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

[illegible]

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##	[67831]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[67836]	2.333333e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67841]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67846]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67851]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67856]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.333333e+00
##	[67861]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67866]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.333333e-01
##	[67871]	0.000000e+00	1.666667e-01	3.333333e-01	0.000000e+00	0.000000e+00
##	[67876]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67881]	0.000000e+00	0.000000e+00	8.333333e-01	0.000000e+00	0.000000e+00
##	[67886]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[67891]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67896]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67901]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67906]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67911]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67916]	0.000000e+00	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00
##	[67921]	0.000000e+00	0.000000e+00	2.166667e+00	0.000000e+00	3.333333e-01
##	[67926]	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67931]	8.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67936]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e+00	0.000000e+00
##	[67941]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67946]	0.000000e+00	0.000000e+00	7.116667e+01	0.000000e+00	0.000000e+00
##	[67951]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67956]	6.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67961]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67966]	0.000000e+00	7.600000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[67971]	0.000000e+00	0.000000e+00	3.666667e+00	0.000000e+00	0.000000e+00
##	[67976]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67981]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[67986]	0.000000e+00	6.733333e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[67991]	6.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.733333e+01
##	[67996]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	1.233333e+01
##	[68001]	0.000000e+00	4.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[68006]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[68011]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[68016]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01

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## [68096] 0.000000e+00 0.000000e+00 2.666667e+00 0.000000e+00 0.000000e+00
## [68101] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [68211] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [68251] 3.266667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [68631] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

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## [68946] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [68951] 0.000000e+00 0.000000e+00 2.101667e+02 0.000000e+00 0.000000e+00
## [68956] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [68961] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [68966] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [68971] 7.961667e+02 0.000000e+00 4.366667e+01 9.666667e+00 0.000000e+00
## [68976] 1.666667e-01 0.000000e+00 0.000000e+00 4.150000e+01 0.000000e+00
## [68981] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [68986] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [68991] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [68996] 0.000000e+00 1.416667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [69001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69006] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69011] 0.000000e+00 7.000000e+01 2.266667e+01 1.770000e+02 0.000000e+00
## [69016] 0.000000e+00 1.666667e-01 4.883333e+01 0.000000e+00 0.000000e+00
## [69021] 0.000000e+00 9.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69026] 6.000000e+00 0.000000e+00 0.000000e+00 4.333333e+00 0.000000e+00
## [69031] 0.000000e+00 0.000000e+00 0.000000e+00 1.700000e+01 0.000000e+00
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## [69046] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [69056] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69061] 2.283333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69066] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69071] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69076] 1.496667e+02 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [69081] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [69086] 6.786667e+02 8.166667e+01 0.000000e+00 0.000000e+00 1.985000e+02
## [69091] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69096] 0.000000e+00 0.000000e+00 1.666667e-01 1.011667e+02 0.000000e+00
## [69101] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69106] 0.000000e+00 0.000000e+00 0.000000e+00 1.350000e+01 0.000000e+00
## [69111] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.283333e+01
## [69121] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69126] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.066667e+01
## [69131] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [69141] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69146] 0.000000e+00 3.116667e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [69156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69161] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [69166] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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## [69176] 2.231667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [69186] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69191] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69196] 0.000000e+00 0.000000e+00 2.933333e+01 0.000000e+00 5.683333e+01
## [69201] 0.000000e+00 0.000000e+00 0.000000e+00 1.985000e+02 0.000000e+00
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## [69211] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69216] 8.083333e+01 0.000000e+00 0.000000e+00 1.750000e+01 0.000000e+00
## [69221] 0.000000e+00 0.000000e+00 0.000000e+00 3.550000e+01 0.000000e+00
## [69226] 0.000000e+00 1.140000e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [69236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69241] 0.000000e+00 6.316667e+01 0.000000e+00 5.386667e+02 1.230833e+03
## [69246] 0.000000e+00 0.000000e+00 2.170000e+02 0.000000e+00 0.000000e+00
## [69251] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69256] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.233333e+01
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## [69266] 0.000000e+00 2.231667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [69271] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 2.176667e+02
## [69276] 1.666667e-01 0.000000e+00 0.000000e+00 1.218333e+02 0.000000e+00
## [69281] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
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## [69291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [69336] 1.230833e+03 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
## [69341] 0.000000e+00 0.000000e+00 4.283333e+01 0.000000e+00 0.000000e+00
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## [69366] 8.750000e+01 0.000000e+00 0.000000e+00 0.000000e+00 9.983333e+01
## [69371] 3.183333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69376] 9.473333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [69386] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
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## [69406] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [69411] 1.716667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69416] 0.000000e+00 1.316667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [69421] 0.000000e+00 2.193333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [69426] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [69431] 0.000000e+00 0.000000e+00 3.366667e+01 0.000000e+00 0.000000e+00
## [69436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [69441] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

[illegible]

##	[69986]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[69991]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	2.900000e+02
##	[69996]	0.000000e+00	0.000000e+00	0.000000e+00	1.833333e+00	0.000000e+00
##	[70001]	0.000000e+00	0.000000e+00	1.166667e+00	0.000000e+00	0.000000e+00
##	[70006]	0.000000e+00	0.000000e+00	1.218333e+02	0.000000e+00	0.000000e+00
##	[70011]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70016]	0.000000e+00	8.333333e-01	0.000000e+00	1.666667e-01	6.018333e+02
##	[70021]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70026]	0.000000e+00	1.666667e-01	0.000000e+00	2.570000e+02	3.076667e+02
##	[70031]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70036]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.333333e-01
##	[70041]	3.333333e-01	1.825000e+02	0.000000e+00	0.000000e+00	1.856667e+02
##	[70046]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70051]	0.000000e+00	1.833333e+00	0.000000e+00	3.501667e+02	0.000000e+00
##	[70056]	0.000000e+00	0.000000e+00	0.000000e+00	2.767833e+03	0.000000e+00
##	[70061]	0.000000e+00	0.000000e+00	0.000000e+00	8.528333e+02	0.000000e+00
##	[70066]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70071]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70076]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70081]	3.333333e-01	4.693333e+02	0.000000e+00	0.000000e+00	0.000000e+00
##	[70086]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.516667e+02
##	[70091]	0.000000e+00	0.000000e+00	1.666667e-01	5.000000e-01	0.000000e+00
##	[70096]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70101]	0.000000e+00	0.000000e+00	1.833333e+00	0.000000e+00	0.000000e+00
##	[70106]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70111]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70116]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70121]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70126]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70131]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70136]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70141]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70146]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70151]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70156]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70161]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70166]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70171]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[70176]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

[illegible]

[illegible]

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## [70811] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70816] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70821] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70826] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [70836] 0.000000e+00 0.000000e+00 0.000000e+00 2.800000e+01 0.000000e+00
## [70841] 0.000000e+00 1.016667e+01 7.666667e+01 0.000000e+00 0.000000e+00
## [70846] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70851] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01
## [70856] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [70876] 0.000000e+00 0.000000e+00 6.666667e+01 0.000000e+00 0.000000e+00
## [70881] 0.000000e+00 0.000000e+00 0.000000e+00 2.166667e+00 0.000000e+00
## [70886] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70891] 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00
## [70896] 1.666667e-01 0.000000e+00 0.000000e+00 2.266667e+01 0.000000e+00
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## [70906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [70916] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 5.500000e+00
## [70921] 0.000000e+00 0.000000e+00 8.500000e+00 0.000000e+00 0.000000e+00
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## [70931] 9.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70936] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.000000e+00
## [70941] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [70946] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70951] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70956] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70961] 0.000000e+00 0.000000e+00 1.133333e+01 0.000000e+00 0.000000e+00
## [70966] 0.000000e+00 7.166667e+01 0.000000e+00 0.000000e+00 7.816667e+01
## [70971] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70976] 9.850000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70986] 0.000000e+00 0.000000e+00 7.638333e+02 0.000000e+00 0.000000e+00
## [70991] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [70996] 3.850000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71001] 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00
## [71006] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.786667e+02
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## [71016] 0.000000e+00 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00
## [71021] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [71026] 2.316667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [71036] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71046] 0.000000e+00 7.516667e+01 0.000000e+00 2.503333e+02 0.000000e+00
## [71051] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71056] 0.000000e+00 0.000000e+00 0.000000e+00 1.100000e+02 0.000000e+00
## [71061] 0.000000e+00 0.000000e+00 3.411667e+02 8.306667e+02 0.000000e+00

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## [71066] 2.316667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71071] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71076] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71081] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71086] 1.833333e+00 1.116667e+02 0.000000e+00 1.666667e-01 0.000000e+00
## [71091] 0.000000e+00 0.000000e+00 1.833333e+00 6.600000e+01 0.000000e+00
## [71096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71101] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [71111] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71121] 7.093333e+02 4.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [71131] 0.000000e+00 0.000000e+00 3.067000e+03 0.000000e+00 0.000000e+00
## [71136] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [71146] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.135000e+02
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## [71166] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [71171] 1.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71176] 0.000000e+00 0.000000e+00 0.000000e+00 2.751667e+02 1.666667e-01
## [71181] 9.783333e+01 0.000000e+00 0.000000e+00 1.166667e+00 0.000000e+00
## [71186] 0.000000e+00 0.000000e+00 0.000000e+00 8.550000e+01 0.000000e+00
## [71191] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71196] 0.000000e+00 3.055000e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [71276] 0.000000e+00 0.000000e+00 0.000000e+00 5.850000e+01 0.000000e+00
## [71281] 5.000000e-01 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [71286] 0.000000e+00 0.000000e+00 5.616667e+01 4.500000e+00 0.000000e+00
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## [71316] 3.930000e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71321] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71326] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71331] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

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## [71606] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [71791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71796] 0.000000e+00 0.000000e+00 3.633333e+01 0.000000e+00 0.000000e+00
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## [71891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [71896] 1.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [71906] 0.000000e+00 1.096667e+02 0.000000e+00 1.916667e+01 1.766667e+01
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## [72026] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72031] 0.000000e+00 1.783333e+01 0.000000e+00 1.666667e-01 0.000000e+00
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## [72041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72046] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72051] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [72061] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [72136] 0.000000e+00 0.000000e+00 9.366667e+01 0.000000e+00 0.000000e+00
## [72141] 0.000000e+00 0.000000e+00 4.383333e+01 0.000000e+00 3.333333e-01

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##	[72146]	6.783333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
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##	[72156]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72161]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[72166]	0.000000e+00	1.666667e-01	1.226667e+02	0.000000e+00	0.000000e+00
##	[72171]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72176]	0.000000e+00	0.000000e+00	0.000000e+00	1.303667e+03	4.816667e+01
##	[72181]	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[72186]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[72191]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-01
##	[72196]	1.600000e+01	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[72201]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72206]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72211]	0.000000e+00	0.000000e+00	2.845500e+03	7.900000e+01	0.000000e+00
##	[72216]	0.000000e+00	0.000000e+00	2.710000e+02	0.000000e+00	0.000000e+00
##	[72221]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[72226]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72231]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72236]	0.000000e+00	0.000000e+00	0.000000e+00	7.266667e+01	0.000000e+00
##	[72241]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.891667e+02
##	[72246]	0.000000e+00	0.000000e+00	1.600000e+01	0.000000e+00	0.000000e+00
##	[72251]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72256]	4.450000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72261]	0.000000e+00	0.000000e+00	5.246667e+02	0.000000e+00	3.333333e-01
##	[72266]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72271]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72276]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72281]	0.000000e+00	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00
##	[72286]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.666667e-01
##	[72291]	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72296]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72301]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72306]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72311]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72316]	6.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72321]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72326]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72331]	6.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[72336]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

[illegible]


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## [72766] 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00 4.650000e+01
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## [72776] 1.833333e+00 1.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72781] 0.000000e+00 0.000000e+00 0.000000e+00 1.933333e+01 0.000000e+00
## [72786] 0.000000e+00 2.491667e+02 3.070000e+02 0.000000e+00 0.000000e+00
## [72791] 1.666667e-01 1.818333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [72796] 2.950000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72806] 0.000000e+00 0.000000e+00 0.000000e+00 1.441667e+02 3.750000e+01
## [72811] 2.220000e+02 0.000000e+00 3.333333e-01 1.283333e+02 0.000000e+00
## [72816] 1.805000e+03 4.983333e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [72826] 1.325000e+02 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [72831] 1.666667e-01 3.061667e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [72846] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [72866] 0.000000e+00 0.000000e+00 2.192667e+03 0.000000e+00 2.011667e+02
## [72871] 3.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.200000e+01
## [72876] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
## [72881] 2.148333e+02 1.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [72891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [72901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72906] 6.800000e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [72911] 1.950000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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[illegible]

[illegible]

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## [73926] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 4.333333e+00
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## [73936] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [73941] 0.000000e+00 0.000000e+00 2.450000e+01 0.000000e+00 0.000000e+00
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## [74081] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
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[illegible]

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## [74606] 0.000000e+00 8.333333e-01 4.000000e+00 0.000000e+00 0.000000e+00
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## [74616] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74621] 2.450000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74626] 0.000000e+00 6.666667e-01 0.000000e+00 6.616667e+01 0.000000e+00
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## [74636] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.666667e+00
## [74641] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+01 0.000000e+00
## [74646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [74666] 0.000000e+00 3.120000e+02 1.166667e+00 0.000000e+00 8.333333e+00
## [74671] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [74676] 2.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [74686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [74696] 0.000000e+00 2.666667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [74701] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74706] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 9.115000e+02
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## [74731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [74741] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74746] 0.000000e+00 0.000000e+00 0.000000e+00 3.033333e+01 0.000000e+00
## [74751] 0.000000e+00 3.650000e+01 0.000000e+00 0.000000e+00 4.316667e+01
## [74756] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.366667e+01
## [74761] 0.000000e+00 3.816667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [74766] 2.200000e+02 0.000000e+00 0.000000e+00 0.000000e+00 6.833333e+00
## [74771] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74776] 1.436667e+02 0.000000e+00 4.500000e+00 0.000000e+00 1.666667e-01
## [74781] 0.000000e+00 6.500000e+00 2.081667e+02 0.000000e+00 0.000000e+00
## [74786] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 8.333333e+00
## [74791] 0.000000e+00 0.000000e+00 1.833333e+00 0.000000e+00 0.000000e+00
## [74796] 0.000000e+00 0.000000e+00 3.666667e+00 0.000000e+00 0.000000e+00
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## [74821] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [74826] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74831] 0.000000e+00 0.000000e+00 2.666667e+01 0.000000e+00 0.000000e+00
## [74836] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74841] 0.000000e+00 3.583333e+01 0.000000e+00 1.166667e+00 1.666667e-01

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## [74856] 0.000000e+00 0.000000e+00 1.880000e+02 0.000000e+00 1.566667e+02
## [74861] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74866] 0.000000e+00 0.000000e+00 2.691667e+02 0.000000e+00 0.000000e+00
## [74871] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [74901] 0.000000e+00 0.000000e+00 0.000000e+00 1.151667e+02 9.470000e+02
## [74906] 2.168333e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.381667e+02
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## [74931] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [74936] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 1.666667e-01
## [74941] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [74961] 0.000000e+00 0.000000e+00 1.266667e+01 0.000000e+00 2.150000e+01
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## [74971] 1.048333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [74976] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
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## [74986] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.526667e+02
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## [75061] 3.783333e+01 0.000000e+00 3.600000e+02 0.000000e+00 0.000000e+00
## [75066] 4.643500e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75071] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75076] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75081] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75086] 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75091] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75096] 0.000000e+00 1.833333e+00 0.000000e+00 1.666667e-01 0.000000e+00
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## [75111] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01

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[illegible]

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## [75421] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [75436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [75516] 3.100000e+01 8.333333e-01 5.683333e+01 0.000000e+00 0.000000e+00
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## [75551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [75556] 0.000000e+00 8.716667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [75561] 0.000000e+00 0.000000e+00 1.115000e+02 0.000000e+00 0.000000e+00
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## [75571] 0.000000e+00 0.000000e+00 0.000000e+00 7.738333e+02 4.418333e+02
## [75576] 2.728833e+03 2.446667e+02 0.000000e+00 8.333333e-01 0.000000e+00
## [75581] 0.000000e+00 8.583333e+02 1.937833e+03 1.370000e+02 3.333333e-01
## [75586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.231667e+02
## [75591] 6.466667e+01 2.446667e+02 0.000000e+00 0.000000e+00 5.650000e+02
## [75596] 8.333333e-01 0.000000e+00 6.500000e+00 9.733333e+01 0.000000e+00
## [75601] 0.000000e+00 0.000000e+00 3.316667e+01 6.531667e+02 0.000000e+00
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## [75621] 0.000000e+00 0.000000e+00 0.000000e+00 6.366667e+01 0.000000e+00
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## [75646] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [75651] 0.000000e+00 0.000000e+00 1.606667e+02 0.000000e+00 0.000000e+00

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##	[75656]	0.000000e+00	0.000000e+00	1.793333e+02	1.106167e+03	9.900000e+01
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##	[75666]	0.000000e+00	1.000000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[75671]	0.000000e+00	0.000000e+00	0.000000e+00	3.333333e-01	0.000000e+00
##	[75676]	4.533333e+01	1.303333e+02	0.000000e+00	7.600000e+01	0.000000e+00
##	[75681]	0.000000e+00	0.000000e+00	0.000000e+00	1.916667e+01	0.000000e+00
##	[75686]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.583333e+03
##	[75691]	1.288333e+02	5.516667e+01	0.000000e+00	0.000000e+00	7.728333e+02
##	[75696]	0.000000e+00	0.000000e+00	4.163333e+02	0.000000e+00	2.800000e+02
##	[75701]	2.951667e+02	1.686667e+02	0.000000e+00	0.000000e+00	0.000000e+00
##	[75706]	0.000000e+00	0.000000e+00	0.000000e+00	4.681667e+02	1.723333e+02
##	[75711]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.533333e+01
##	[75716]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75721]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75726]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75731]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75736]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75741]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75746]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75751]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75756]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75761]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75766]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75771]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75776]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75781]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75786]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75791]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75796]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75801]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75806]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75811]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75816]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75821]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75826]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75831]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75836]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75841]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[75846]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

[illegible]

[illegible]

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## [76481] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [76486] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [76491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [76496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [76501] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [76506] 1.666667e-01 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [76511] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e+00 0.000000e+00
## [76516] 0.000000e+00 0.000000e+00 3.200000e+01 8.333333e-01 0.000000e+00
## [76521] 0.000000e+00 1.950000e+01 0.000000e+00 0.000000e+00 3.333333e-01
## [76526] 1.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [76586] 0.000000e+00 0.000000e+00 4.430000e+02 0.000000e+00 1.133333e+01
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## [76631] 3.333333e-01 9.666667e+00 0.000000e+00 1.000000e+00 0.000000e+00
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[illegible]

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## [77591] 0.000000e+00 4.550000e+01 1.666667e-01 0.000000e+00 5.616667e+01
## [77596] 3.333333e-01 2.366667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [77601] 2.916667e+01 1.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [77811] 0.000000e+00 1.300000e+01 3.333333e-01 0.000000e+00 0.000000e+00

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##	[77816]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77821]	0.000000e+00	0.000000e+00	5.833333e+00	0.000000e+00	0.000000e+00
##	[77826]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77831]	1.133333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77836]	0.000000e+00	1.666667e-01	0.000000e+00	1.825667e+03	0.000000e+00
##	[77841]	0.000000e+00	3.488333e+02	0.000000e+00	0.000000e+00	4.050000e+01
##	[77846]	2.065000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77851]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77856]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[77861]	0.000000e+00	5.938333e+02	2.783333e+01	0.000000e+00	0.000000e+00
##	[77866]	0.000000e+00	1.492333e+03	3.620000e+02	6.666667e-01	0.000000e+00
##	[77871]	2.100000e+01	0.000000e+00	1.083333e+01	0.000000e+00	1.951000e+03
##	[77876]	2.085000e+02	0.000000e+00	6.666667e-01	1.051667e+02	0.000000e+00
##	[77881]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77886]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77891]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[77896]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77901]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77906]	0.000000e+00	3.333333e-01	1.666667e-01	0.000000e+00	5.000000e-01
##	[77911]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77916]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77921]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77926]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77931]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77936]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77941]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77946]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77951]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.666667e-01
##	[77956]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77961]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77966]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77971]	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[77976]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[77981]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[77986]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77991]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[77996]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[78001]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[78006]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

[illegible]

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## [78356] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78361] 0.000000e+00 5.683333e+01 0.000000e+00 3.285000e+02 5.000000e+00
## [78366] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78371] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [78376] 0.000000e+00 1.223333e+02 0.000000e+00 0.000000e+00 1.091667e+02
## [78381] 0.000000e+00 7.000000e+01 0.000000e+00 1.735000e+02 1.536667e+02
## [78386] 3.701667e+02 2.453333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [78391] 0.000000e+00 1.749229e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [78396] 0.000000e+00 8.383333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [78401] 0.000000e+00 4.666667e+00 0.000000e+00 1.735000e+02 0.000000e+00
## [78406] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [78411] 0.000000e+00 0.000000e+00 5.350000e+01 0.000000e+00 4.106667e+02
## [78416] 2.266667e+01 1.053333e+02 0.000000e+00 1.703333e+02 0.000000e+00
## [78421] 1.700000e+02 7.266667e+01 0.000000e+00 0.000000e+00 7.900000e+01
## [78426] 4.913333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78431] 0.000000e+00 1.058667e+03 4.033333e+02 5.583333e+01 2.464000e+03
## [78436] 4.121667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78441] 2.661167e+03 0.000000e+00 7.900000e+01 0.000000e+00 4.578333e+02
## [78446] 0.000000e+00 8.500000e+01 2.350000e+01 0.000000e+00 0.000000e+00
## [78451] 2.350000e+01 0.000000e+00 0.000000e+00 2.983333e+02 0.000000e+00
## [78456] 0.000000e+00 0.000000e+00 1.070443e+04 0.000000e+00 0.000000e+00
## [78461] 0.000000e+00 0.000000e+00 2.750000e+01 0.000000e+00 1.035000e+02
## [78466] 0.000000e+00 0.000000e+00 1.171667e+02 1.666667e-01 2.634000e+03
## [78471] 2.983333e+02 8.208333e+02 0.000000e+00 1.890167e+03 0.000000e+00
## [78476] 3.160000e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.900000e+01
## [78481] 0.000000e+00 2.634000e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [78486] 4.603333e+02 0.000000e+00 2.025000e+02 0.000000e+00 0.000000e+00
## [78491] 0.000000e+00 0.000000e+00 1.247667e+03 2.655000e+02 0.000000e+00
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## [78501] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.221667e+02
## [78506] 0.000000e+00 0.000000e+00 3.083333e+01 0.000000e+00 0.000000e+00
## [78511] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.666667e+00
## [78516] 1.063333e+03 6.883333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [78521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.980000e+02
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## [78541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [78576] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78581] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [78616] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [78621] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

[illegible]


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## [79166] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [79181] 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00
## [79186] 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79191] 8.533333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79196] 3.000000e+00 0.000000e+00 3.333333e+00 0.000000e+00 1.100000e+01
## [79201] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 3.166667e+00
## [79206] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [79226] 0.000000e+00 2.133333e+01 1.000000e+00 1.666667e-01 2.666667e+00
## [79231] 0.000000e+00 0.000000e+00 5.666667e+00 0.000000e+00 0.000000e+00
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## [79246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.050000e+01
## [79251] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [79266] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [79271] 0.000000e+00 0.000000e+00 2.133333e+01 1.000000e+00 1.350000e+01
## [79276] 0.000000e+00 0.000000e+00 4.333333e+00 2.166667e+00 0.000000e+00
## [79281] 0.000000e+00 1.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [79286] 3.666667e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [79291] 0.000000e+00 0.000000e+00 0.000000e+00 1.833333e+00 0.000000e+00
## [79296] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
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## [79321] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.333333e+00
## [79326] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79331] 6.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79336] 0.000000e+00 0.000000e+00 0.000000e+00 2.083333e+01 1.666667e-01
## [79341] 0.000000e+00 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00
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## [79351] 3.333333e-01 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
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## [79361] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 3.666667e+00
## [79366] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [79381] 0.000000e+00 0.000000e+00 4.333333e+00 0.000000e+00 0.000000e+00
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## [79391] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79396] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79401] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [79406] 1.183333e+01 0.000000e+00 0.000000e+00 4.266667e+01 4.333333e+00
## [79411] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79416] 0.000000e+00 6.666667e-01 2.280000e+02 4.833333e+00 0.000000e+00
## [79421] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.666667e+00
## [79426] 0.000000e+00 2.500000e+00 0.000000e+00 0.000000e+00 1.935000e+02
## [79431] 0.000000e+00 4.000000e+00 1.266667e+01 0.000000e+00 0.000000e+00

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## [79436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79441] 2.700000e+01 0.000000e+00 0.000000e+00 2.033333e+01 1.166667e+00
## [79446] 4.366667e+01 0.000000e+00 0.000000e+00 0.000000e+00 2.666667e+00
## [79451] 0.000000e+00 0.000000e+00 0.000000e+00 2.868333e+02 3.333333e-01
## [79456] 3.733333e+01 1.091667e+02 0.000000e+00 1.666667e-01 0.000000e+00
## [79461] 6.400000e+01 0.000000e+00 3.333333e-01 5.666667e+00 0.000000e+00
## [79466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79471] 0.000000e+00 1.166667e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [79476] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79481] 0.000000e+00 0.000000e+00 1.066667e+01 0.000000e+00 3.333333e-01
## [79486] 2.866667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79491] 2.733333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79496] 1.016667e+01 7.573333e+02 0.000000e+00 0.000000e+00 1.958333e+02
## [79501] 0.000000e+00 5.166667e+00 0.000000e+00 4.283333e+01 0.000000e+00
## [79506] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [79511] 2.280000e+02 3.566667e+01 6.250000e+01 1.325000e+02 0.000000e+00
## [79516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79521] 0.000000e+00 1.666667e-01 1.766667e+01 0.000000e+00 6.666667e-01
## [79526] 1.000000e+01 5.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79531] 0.000000e+00 1.166667e+00 6.666667e-01 0.000000e+00 0.000000e+00
## [79536] 3.333333e-01 1.666667e-01 1.350000e+01 1.333333e+00 0.000000e+00
## [79541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79546] 0.000000e+00 0.000000e+00 4.833333e+00 0.000000e+00 0.000000e+00
## [79551] 0.000000e+00 1.500000e+00 3.716667e+01 0.000000e+00 0.000000e+00
## [79556] 0.000000e+00 0.000000e+00 0.000000e+00 9.000000e+00 0.000000e+00
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## [79566] 0.000000e+00 0.000000e+00 6.666667e-01 1.166667e+00 0.000000e+00
## [79571] 1.500000e+01 0.000000e+00 0.000000e+00 2.333333e+01 0.000000e+00
## [79576] 5.483333e+01 2.500000e+01 1.115000e+02 0.000000e+00 0.000000e+00
## [79581] 0.000000e+00 8.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79591] 0.000000e+00 1.166667e+00 1.900000e+01 1.091667e+02 0.000000e+00
## [79596] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79601] 0.000000e+00 0.000000e+00 3.966667e+01 0.000000e+00 0.000000e+00
## [79606] 1.700000e+01 6.666667e-01 0.000000e+00 0.000000e+00 8.500000e+01
## [79611] 0.000000e+00 1.366667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [79616] 1.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.333333e+00
## [79621] 0.000000e+00 0.000000e+00 0.000000e+00 8.666667e+00 0.000000e+00
## [79626] 0.000000e+00 3.333333e-01 6.933333e+01 4.851667e+02 0.000000e+00
## [79631] 0.000000e+00 0.000000e+00 6.666667e+00 1.166667e+00 0.000000e+00
## [79636] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [79641] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [79676] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [79701] 0.000000e+00 0.000000e+00 1.666667e-01 3.166667e+00 0.000000e+00

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##	[79706]	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00	2.733333e+01
##	[79711]	1.600000e+01	0.000000e+00	2.000000e+00	0.000000e+00	0.000000e+00
##	[79716]	4.783333e+01	0.000000e+00	0.000000e+00	2.000000e+00	0.000000e+00
##	[79721]	4.666667e+00	2.000000e+00	2.216667e+01	3.166667e+00	0.000000e+00
##	[79726]	0.000000e+00	0.000000e+00	3.750000e+01	0.000000e+00	0.000000e+00
##	[79731]	1.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.416667e+01
##	[79736]	2.166667e+01	1.233333e+01	0.000000e+00	4.851667e+02	0.000000e+00
##	[79741]	2.161667e+02	0.000000e+00	0.000000e+00	3.650000e+01	0.000000e+00
##	[79746]	0.000000e+00	0.000000e+00	1.600000e+01	0.000000e+00	0.000000e+00
##	[79751]	0.000000e+00	0.000000e+00	0.000000e+00	3.550000e+01	0.000000e+00
##	[79756]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79761]	3.000000e+01	0.000000e+00	0.000000e+00	0.000000e+00	6.166667e+00
##	[79766]	4.833333e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79771]	0.000000e+00	1.833333e+00	0.000000e+00	0.000000e+00	1.316667e+01
##	[79776]	0.000000e+00	0.000000e+00	1.666667e-01	2.251667e+02	0.000000e+00
##	[79781]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79786]	0.000000e+00	0.000000e+00	0.000000e+00	6.516667e+01	2.666667e+00
##	[79791]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	2.000000e+00
##	[79796]	1.166667e+00	0.000000e+00	2.666667e+00	0.000000e+00	0.000000e+00
##	[79801]	0.000000e+00	1.666667e+00	0.000000e+00	0.000000e+00	2.423333e+02
##	[79806]	6.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79811]	0.000000e+00	5.350000e+01	0.000000e+00	0.000000e+00	3.333333e+00
##	[79816]	0.000000e+00	0.000000e+00	0.000000e+00	1.120333e+03	0.000000e+00
##	[79821]	1.083333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79826]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79831]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79836]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79841]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79846]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79851]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79856]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79861]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79866]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79871]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79876]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79881]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79886]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79891]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[79896]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

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## [79976] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79986] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79991] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [79996] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80006] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80011] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80016] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80021] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80026] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80031] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80036] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80046] 0.000000e+00 0.000000e+00 2.913333e+02 0.000000e+00 0.000000e+00
## [80051] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80056] 0.000000e+00 3.307667e+03 1.666667e+01 1.000000e+00 0.000000e+00
## [80061] 9.416667e+01 8.333333e-01 0.000000e+00 1.900000e+01 0.000000e+00
## [80066] 1.033333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80071] 4.000000e+00 3.666667e+00 8.783333e+01 1.151167e+03 0.000000e+00
## [80076] 0.000000e+00 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00
## [80081] 7.266667e+01 0.000000e+00 0.000000e+00 0.000000e+00 7.443333e+02
## [80086] 1.701667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80091] 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00 5.333333e+00
## [80096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80101] 0.000000e+00 0.000000e+00 0.000000e+00 1.116667e+01 4.666667e+00
## [80106] 1.333333e+00 0.000000e+00 1.316667e+01 0.000000e+00 0.000000e+00
## [80111] 0.000000e+00 0.000000e+00 1.038333e+02 1.151167e+03 6.700000e+01
## [80116] 0.000000e+00 0.000000e+00 2.660000e+02 7.500000e+00 0.000000e+00
## [80121] 3.193333e+02 1.800000e+01 0.000000e+00 6.161667e+02 0.000000e+00
## [80126] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.266667e+01
## [80131] 0.000000e+00 1.666667e+01 8.333333e+00 0.000000e+00 0.000000e+00
## [80136] 2.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.833333e+00
## [80141] 0.000000e+00 1.666667e-01 1.833333e+00 0.000000e+00 0.000000e+00
## [80146] 0.000000e+00 0.000000e+00 1.333333e+00 1.545000e+02 0.000000e+00
## [80151] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80156] 0.000000e+00 0.000000e+00 0.000000e+00 5.433333e+01 0.000000e+00
## [80161] 0.000000e+00 4.466667e+01 0.000000e+00 2.800000e+01 3.166667e+00
## [80166] 0.000000e+00 0.000000e+00 0.000000e+00 9.666667e+00 8.333333e+00
## [80171] 0.000000e+00 2.061667e+02 8.666667e+01 0.000000e+00 0.000000e+00
## [80176] 1.666667e+01 0.000000e+00 1.728333e+02 9.000000e+00 0.000000e+00
## [80181] 0.000000e+00 0.000000e+00 7.830000e+02 0.000000e+00 0.000000e+00
## [80186] 0.000000e+00 2.100000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80191] 4.983333e+01 1.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80196] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [80201] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80206] 0.000000e+00 1.116667e+01 4.000000e+00 1.000000e+00 6.333333e+00
## [80211] 0.000000e+00 1.800000e+01 1.833333e+00 0.000000e+00 0.000000e+00
## [80216] 2.811667e+02 0.000000e+00 0.000000e+00 1.133333e+01 0.000000e+00
## [80221] 2.483333e+01 1.000000e+00 1.100000e+01 0.000000e+00 0.000000e+00
## [80226] 5.450000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80231] 0.000000e+00 1.033333e+01 0.000000e+00 0.000000e+00 1.000000e+00
## [80236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [80241] 1.666667e-01 0.000000e+00 2.333333e+00 0.000000e+00 0.000000e+00

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## [80246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80251] 1.000000e+01 0.000000e+00 0.000000e+00 1.025000e+02 0.000000e+00
## [80256] 7.166667e+00 2.126667e+02 2.666667e+00 0.000000e+00 1.766667e+01
## [80261] 0.000000e+00 0.000000e+00 1.333333e+00 0.000000e+00 0.000000e+00
## [80266] 0.000000e+00 0.000000e+00 1.108333e+02 0.000000e+00 0.000000e+00
## [80271] 0.000000e+00 0.000000e+00 1.158333e+02 0.000000e+00 8.333333e-01
## [80276] 0.000000e+00 0.000000e+00 0.000000e+00 9.000000e+00 0.000000e+00
## [80281] 0.000000e+00 1.833333e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [80286] 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80296] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [80306] 0.000000e+00 5.383333e+01 5.300000e+01 0.000000e+00 5.000000e-01
## [80311] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 1.126667e+02
## [80316] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80321] 0.000000e+00 6.633333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80326] 0.000000e+00 5.561667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [80331] 1.545000e+02 0.000000e+00 1.600000e+01 2.833333e+00 0.000000e+00
## [80336] 5.366667e+01 6.666667e-01 0.000000e+00 0.000000e+00 2.550000e+01
## [80341] 0.000000e+00 2.833333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80346] 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00
## [80351] 0.000000e+00 2.583333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80356] 1.333333e+00 8.166667e+00 0.000000e+00 5.561667e+02 5.863333e+02
## [80361] 0.000000e+00 2.116667e+01 5.383333e+01 0.000000e+00 0.000000e+00
## [80366] 0.000000e+00 2.066667e+01 7.966667e+01 0.000000e+00 1.333333e+00
## [80371] 0.000000e+00 0.000000e+00 0.000000e+00 1.685000e+02 0.000000e+00
## [80376] 5.383333e+01 0.000000e+00 0.000000e+00 3.333333e-01 1.166667e+01
## [80381] 5.000000e-01 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00
## [80386] 1.688333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80391] 6.633333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80396] 0.000000e+00 5.866667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80401] 1.710000e+02 0.000000e+00 0.000000e+00 4.500000e+00 5.000000e-01
## [80406] 0.000000e+00 0.000000e+00 0.000000e+00 1.083333e+01 0.000000e+00
## [80411] 0.000000e+00 0.000000e+00 2.152167e+03 0.000000e+00 0.000000e+00
## [80416] 0.000000e+00 4.166667e+00 0.000000e+00 6.666667e-01 0.000000e+00
## [80421] 0.000000e+00 3.783333e+01 1.666667e-01 5.690000e+02 0.000000e+00
## [80426] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [80436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [80446] 0.000000e+00 0.000000e+00 1.666667e-01 7.566667e+01 0.000000e+00
## [80451] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80456] 4.333333e+00 6.133333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80461] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80471] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.491667e+02
## [80476] 1.248333e+02 0.000000e+00 1.666667e-01 3.768333e+02 0.000000e+00
## [80481] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80486] 1.937833e+03 6.000000e+01 0.000000e+00 2.738333e+02 0.000000e+00
## [80491] 3.056667e+02 0.000000e+00 1.833333e+00 0.000000e+00 0.000000e+00
## [80496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80501] 0.000000e+00 2.796667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [80506] 0.000000e+00 4.400000e+01 3.700000e+01 6.833333e+01 0.000000e+00
## [80511] 0.000000e+00 1.947500e+03 0.000000e+00 0.000000e+00 0.000000e+00

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```

## [80516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.683333e+01
## [80521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [80536] 0.000000e+00 0.000000e+00 5.333333e+01 0.000000e+00 0.000000e+00
## [80541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [80556] 0.000000e+00 4.966667e+01 6.666667e-01 0.000000e+00 0.000000e+00
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## [80576] 0.000000e+00 1.666667e-01 1.779500e+03 0.000000e+00 0.000000e+00
## [80581] 0.000000e+00 6.933333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [80586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80591] 2.350000e+01 1.817333e+03 0.000000e+00 3.333333e-01 0.000000e+00
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## [80611] 0.000000e+00 0.000000e+00 7.508000e+03 0.000000e+00 7.218333e+02
## [80616] 0.000000e+00 0.000000e+00 2.200000e+01 0.000000e+00 0.000000e+00
## [80621] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80626] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 8.183333e+01
## [80631] 1.376667e+02 1.062667e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [80636] 0.000000e+00 0.000000e+00 0.000000e+00 4.550000e+01 4.750000e+01
## [80641] 3.355000e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80651] 0.000000e+00 2.213333e+02 2.710000e+02 1.393333e+02 0.000000e+00
## [80656] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80661] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.066667e+01
## [80666] 8.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80671] 2.213333e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.350000e+01
## [80676] 0.000000e+00 2.595000e+02 1.817333e+03 0.000000e+00 3.333333e-01
## [80681] 0.000000e+00 6.403333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [80686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80691] 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80696] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [80716] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80721] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [80726] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.833333e+00
## [80736] 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [80741] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80746] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [80751] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [80756] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80761] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
## [80766] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80771] 0.000000e+00 1.666667e-01 1.666667e-01 0.000000e+00 0.000000e+00
## [80776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [80781] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

```

[illegible]

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## [81056] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [81086] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81091] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [81106] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81111] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81121] 4.118333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81126] 2.485000e+02 0.000000e+00 0.000000e+00 2.533333e+01 0.000000e+00
## [81131] 0.000000e+00 8.850000e+01 3.126667e+02 0.000000e+00 2.883333e+01
## [81136] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.951667e+02
## [81141] 0.000000e+00 0.000000e+00 5.500000e+00 2.850000e+01 0.000000e+00
## [81146] 2.592000e+03 1.773333e+02 0.000000e+00 4.846667e+02 0.000000e+00
## [81151] 0.000000e+00 0.000000e+00 0.000000e+00 1.220000e+03 1.666667e-01
## [81156] 1.666667e-01 2.431667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [81161] 0.000000e+00 0.000000e+00 2.065833e+03 0.000000e+00 1.666667e-01
## [81166] 3.806667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.063333e+02
## [81176] 0.000000e+00 6.166667e+00 0.000000e+00 0.000000e+00 1.416667e+02
## [81181] 0.000000e+00 0.000000e+00 1.154000e+03 0.000000e+00 2.876667e+02
## [81186] 3.991667e+02 0.000000e+00 0.000000e+00 8.850000e+01 0.000000e+00
## [81191] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81196] 3.783333e+01 2.649000e+03 3.033333e+01 1.861471e+04 2.710000e+02
## [81201] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e+00
## [81206] 0.000000e+00 0.000000e+00 4.311667e+02 0.000000e+00 0.000000e+00
## [81211] 0.000000e+00 2.761667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [81216] 0.000000e+00 2.743333e+02 0.000000e+00 1.868333e+02 6.116667e+01
## [81221] 0.000000e+00 2.649000e+03 1.573333e+02 6.550000e+01 0.000000e+00
## [81226] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.883333e+01
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## [81246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.500000e+00
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## [81271] 9.873333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81276] 3.290000e+02 1.033333e+01 0.000000e+00 6.545000e+02 1.414833e+03
## [81281] 1.397843e+04 1.716667e+01 0.000000e+00 1.491167e+03 0.000000e+00
## [81286] 0.000000e+00 0.000000e+00 1.002500e+03 2.128333e+02 0.000000e+00
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## [81296] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [81306] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.733333e+01
## [81311] 2.445167e+03 0.000000e+00 4.311667e+02 0.000000e+00 0.000000e+00
## [81316] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81321] 0.000000e+00 2.533333e+01 0.000000e+00 1.120000e+02 0.000000e+00

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[illegible]

[illegible]

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## [81876] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81881] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81886] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [81906] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81911] 0.000000e+00 1.666667e-01 1.666667e-01 0.000000e+00 0.000000e+00
## [81916] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [81921] 0.000000e+00 6.666667e-01 5.000000e-01 0.000000e+00 0.000000e+00
## [81926] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82026] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
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## [82041] 1.883333e+01 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
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## [82066] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82091] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 9.333333e+00
## [82096] 0.000000e+00 0.000000e+00 3.133333e+01 0.000000e+00 0.000000e+00
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## [82106] 0.000000e+00 2.366667e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [82126] 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00 3.333333e-01
## [82131] 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00

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## [82141] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00
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## [82156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [82161] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.333333e+00
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## [82211] 1.666667e-01 3.616667e+01 0.000000e+00 0.000000e+00 2.233333e+01
## [82216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+00
## [82221] 0.000000e+00 1.200000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [82226] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [82231] 6.666667e-01 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [82236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.233333e+01
## [82241] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82266] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [82271] 0.000000e+00 0.000000e+00 2.333333e+00 0.000000e+00 8.333333e+00
## [82276] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [82281] 1.816667e+01 0.000000e+00 0.000000e+00 0.000000e+00 7.666667e+00
## [82286] 0.000000e+00 0.000000e+00 1.333333e+00 7.500000e+00 1.833333e+00
## [82291] 1.333333e+00 0.000000e+00 3.433333e+01 0.000000e+00 0.000000e+00
## [82296] 9.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.666667e+00
## [82301] 0.000000e+00 0.000000e+00 3.716667e+01 0.000000e+00 0.000000e+00
## [82306] 0.000000e+00 1.666667e-01 2.333333e+01 0.000000e+00 0.000000e+00
## [82311] 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00
## [82316] 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82326] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 2.131667e+02
## [82331] 0.000000e+00 1.423333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [82336] 0.000000e+00 0.000000e+00 2.676667e+02 0.000000e+00 0.000000e+00
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## [82346] 0.000000e+00 1.848333e+02 0.000000e+00 0.000000e+00 1.666667e+00
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## [82361] 7.666667e+00 2.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [82366] 0.000000e+00 0.000000e+00 0.000000e+00 1.840000e+02 4.733333e+01
## [82371] 0.000000e+00 1.033333e+01 9.333333e+00 1.600000e+01 0.000000e+00
## [82376] 0.000000e+00 2.650000e+01 2.676667e+02 0.000000e+00 1.283333e+01
## [82381] 0.000000e+00 1.300000e+01 0.000000e+00 1.283333e+01 0.000000e+00
## [82386] 0.000000e+00 0.000000e+00 0.000000e+00 2.333333e+00 0.000000e+00
## [82391] 1.550000e+01 0.000000e+00 0.000000e+00 2.000000e+00 0.000000e+00
## [82396] 0.000000e+00 0.000000e+00 7.633333e+01 1.333333e+00 0.000000e+00
## [82401] 2.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01

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## [82431] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82441] 5.500000e+00 5.366667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [82446] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 1.666667e-01
## [82451] 0.000000e+00 1.666667e-01 4.833333e+00 0.000000e+00 8.333333e-01
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## [82461] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82471] 2.983333e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
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## [82491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82506] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 1.000000e+00
## [82511] 0.000000e+00 0.000000e+00 0.000000e+00 6.833333e+00 0.000000e+00
## [82516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [82531] 2.166667e+00 1.066667e+01 0.000000e+00 0.000000e+00 0.000000e+00
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## [82566] 1.333333e+00 0.000000e+00 2.500000e+01 5.216667e+01 0.000000e+00
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## [82576] 0.000000e+00 0.000000e+00 3.150000e+01 4.246667e+02 0.000000e+00
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## [82586] 0.000000e+00 0.000000e+00 9.666667e+00 0.000000e+00 3.258333e+02
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## [82666] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [82671] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

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## [82991] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [82996] 8.166667e+00 0.000000e+00 1.440000e+02 0.000000e+00 4.333333e+00
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## [83191] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [83241] 0.000000e+00 1.530000e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [83266] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 2.323333e+02
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## [83296] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
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## [83336] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [83341] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [83346] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.100000e+02
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## [83376] 0.000000e+00 0.000000e+00 3.588333e+02 2.035000e+02 0.000000e+00
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## [83451] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [83466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [83476] 0.000000e+00 0.000000e+00 1.666667e-01 1.831667e+02 0.000000e+00
## [83481] 0.000000e+00 0.000000e+00 2.833333e+00 0.000000e+00 2.708333e+02

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[illegible]

[illegible]

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## [84026] 0.000000e+00 1.488333e+02 0.000000e+00 0.000000e+00 0.000000e+00
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## [84046] 0.000000e+00 8.981667e+02 0.000000e+00 8.001667e+02 0.000000e+00
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[illegible]

[illegible]

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## [84866] 1.000000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [84871] 2.950000e+01 0.000000e+00 0.000000e+00 4.550000e+01 1.666667e-01
## [84876] 1.666667e+00 1.666667e-01 0.000000e+00 1.000000e+00 0.000000e+00
## [84881] 1.666667e-01 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00
## [84886] 1.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [84891] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [84896] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [84926] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 3.333333e+00
## [84931] 0.000000e+00 6.666667e-01 0.000000e+00 1.500000e+00 0.000000e+00
## [84936] 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00
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## [84976] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
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## [85041] 0.000000e+00 1.391667e+02 1.083333e+01 5.833333e+01 1.833333e+00
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## [85051] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 6.666667e-01
## [85056] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 2.666667e+00
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## [85066] 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00
## [85071] 0.000000e+00 7.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [85076] 1.250000e+01 0.000000e+00 0.000000e+00 0.000000e+00 2.000000e+00
## [85081] 0.000000e+00 0.000000e+00 4.166667e+00 0.000000e+00 0.000000e+00
## [85086] 0.000000e+00 0.000000e+00 1.176667e+02 0.000000e+00 0.000000e+00
## [85091] 2.000000e+00 0.000000e+00 2.483333e+01 1.666667e+00 2.201667e+02
## [85096] 0.000000e+00 0.000000e+00 5.961667e+02 0.000000e+00 0.000000e+00
## [85101] 0.000000e+00 0.000000e+00 0.000000e+00 1.083333e+01 3.163333e+02

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## [85106] 0.000000e+00 3.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [85116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.000000e+00
## [85121] 0.000000e+00 0.000000e+00 1.666667e+01 0.000000e+00 0.000000e+00
## [85126] 1.083333e+01 3.466667e+01 2.666667e+00 0.000000e+00 0.000000e+00
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## [85156] 0.000000e+00 3.000000e+01 0.000000e+00 1.363333e+02 0.000000e+00
## [85161] 4.033333e+01 8.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [85171] 1.200000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [85176] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [85181] 1.600000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [85191] 0.000000e+00 0.000000e+00 0.000000e+00 4.683333e+01 0.000000e+00
## [85196] 0.000000e+00 1.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [85201] 0.000000e+00 4.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00
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[illegible]


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## [85941] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
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## [86396] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
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## [86406] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [86436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [86741] 0.000000e+00 9.500000e+00 0.000000e+00 4.691667e+02 2.171667e+02
## [86746] 0.000000e+00 7.166667e+00 0.000000e+00 5.300000e+01 0.000000e+00
## [86751] 0.000000e+00 0.000000e+00 8.150000e+01 0.000000e+00 7.000000e+01
## [86756] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [86776] 0.000000e+00 0.000000e+00 3.333333e-01 6.421667e+02 0.000000e+00
## [86781] 2.536667e+02 0.000000e+00 0.000000e+00 7.073333e+02 3.836667e+02
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## [86806] 0.000000e+00 1.718167e+03 0.000000e+00 0.000000e+00 0.000000e+00
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[illegible]

[illegible]

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## [87826] 0.000000e+00 0.000000e+00 0.000000e+00 1.483333e+02 0.000000e+00
## [87831] 0.000000e+00 0.000000e+00 0.000000e+00 7.166667e+00 1.083333e+01
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## [88141] 5.000000e-01 8.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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[illegible]

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## [89551] 0.000000e+00 5.583333e+02 0.000000e+00 1.682500e+03 0.000000e+00
## [89556] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
## [89561] 1.866667e+02 1.833333e+00 0.000000e+00 7.601667e+02 0.000000e+00
## [89566] 1.717857e+03 3.333333e-01 1.681500e+03 0.000000e+00 0.000000e+00
## [89571] 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00 3.738333e+02
## [89576] 1.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.166667e+00
## [89581] 0.000000e+00 1.560000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [89586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [89591] 0.000000e+00 0.000000e+00 2.200000e+01 0.000000e+00 1.031667e+02
## [89596] 8.816667e+01 0.000000e+00 4.902000e+03 4.283333e+01 4.666667e+00
## [89601] 2.033333e+02 0.000000e+00 0.000000e+00 0.000000e+00 2.371667e+02
## [89606] 0.000000e+00 0.000000e+00 0.000000e+00 1.488333e+02 0.000000e+00
## [89611] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
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## [89646] 0.000000e+00 1.051667e+02 6.398333e+02 0.000000e+00 0.000000e+00
## [89651] 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [89671] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
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## [89691] 0.000000e+00 0.000000e+00 3.333333e+00 0.000000e+00 0.000000e+00

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[illegible]

[illegible]

[illegible]

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## [90526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [90541] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [90591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [90601] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [90766] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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```

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## [90791] 0.000000e+00 0.000000e+00 0.000000e+00 3.000000e+00 1.000000e+01
## [90796] 5.000000e-01 0.000000e+00 8.500000e+00 0.000000e+00 0.000000e+00
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## [90811] 2.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [90816] 0.000000e+00 0.000000e+00 1.616667e+01 0.000000e+00 0.000000e+00
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## [90981] 0.000000e+00 3.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [91041] 6.916667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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[illegible]

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## [91351] 0.000000e+00 3.833333e+01 0.000000e+00 0.000000e+00 1.666667e-01
## [91356] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
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## [91381] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91386] 0.000000e+00 3.333333e-01 4.833333e+00 0.000000e+00 0.000000e+00
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## [91436] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01
## [91441] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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## [91491] 0.000000e+00 1.666667e-01 0.000000e+00 3.920000e+02 0.000000e+00
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## [91661] 0.000000e+00 0.000000e+00 4.033333e+01 0.000000e+00 0.000000e+00
## [91666] 1.666667e-01 2.171667e+02 1.666667e-01 0.000000e+00 1.205000e+02
## [91671] 0.000000e+00 0.000000e+00 1.730000e+02 0.000000e+00 0.000000e+00
## [91676] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91681] 0.000000e+00 4.705000e+02 0.000000e+00 0.000000e+00 1.033333e+01
## [91686] 0.000000e+00 4.923333e+02 0.000000e+00 4.783333e+01 0.000000e+00
## [91691] 0.000000e+00 2.817833e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [91696] 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00
## [91701] 3.273667e+03 5.800000e+01 0.000000e+00 1.833333e+00 3.333333e-01
## [91706] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.300000e+01
## [91711] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91716] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.836667e+02
## [91721] 1.476667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91726] 0.000000e+00 0.000000e+00 0.000000e+00 3.938333e+02 0.000000e+00
## [91731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91736] 3.333333e-01 1.050000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [91741] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91746] 0.000000e+00 1.650000e+01 0.000000e+00 0.000000e+00 7.866667e+01
## [91751] 3.066667e+01 1.166667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [91756] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91761] 0.000000e+00 0.000000e+00 0.000000e+00 2.483333e+01 0.000000e+00
## [91766] 2.516667e+01 0.000000e+00 9.666667e+00 0.000000e+00 0.000000e+00
## [91771] 0.000000e+00 5.100000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [91776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91781] 5.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91786] 0.000000e+00 4.166667e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [91791] 0.000000e+00 2.371667e+02 2.371667e+02 0.000000e+00 7.266667e+01
## [91796] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91806] 0.000000e+00 0.000000e+00 5.833333e+01 1.666667e-01 0.000000e+00
## [91811] 0.000000e+00 0.000000e+00 1.366667e+01 0.000000e+00 6.850000e+01
## [91816] 0.000000e+00 0.000000e+00 0.000000e+00 2.256667e+02 0.000000e+00
## [91821] 1.350000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91826] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.836667e+02
## [91831] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91836] 3.333333e-01 0.000000e+00 0.000000e+00 1.666667e-01 4.000000e+00
## [91841] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [91846] 1.500000e+00 1.666667e-01 0.000000e+00 4.015000e+02 1.250000e+01
## [91851] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

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##	[91856]	3.333333e-01	0.000000e+00	4.000000e+00	1.866667e+01	0.000000e+00
##	[91861]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91866]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91871]	5.900000e+01	0.000000e+00	7.366667e+01	0.000000e+00	0.000000e+00
##	[91876]	0.000000e+00	0.000000e+00	0.000000e+00	3.833333e+00	0.000000e+00
##	[91881]	4.400000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91886]	2.616667e+01	0.000000e+00	5.666667e+01	0.000000e+00	0.000000e+00
##	[91891]	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e+00	6.666667e-01
##	[91896]	1.098333e+02	0.000000e+00	0.000000e+00	0.000000e+00	1.401667e+02
##	[91901]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.783333e+00
##	[91906]	0.000000e+00	0.000000e+00	0.000000e+00	3.355000e+02	0.000000e+00
##	[91911]	9.100000e+01	0.000000e+00	0.000000e+00	5.800000e+01	0.000000e+00
##	[91916]	0.000000e+00	0.000000e+00	3.333333e-01	0.000000e+00	1.196500e+03
##	[91921]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91926]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91931]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91936]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[91941]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91946]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91951]	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[91956]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01
##	[91961]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91966]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e+00
##	[91971]	0.000000e+00	1.000000e+00	5.000000e-01	3.333333e-01	0.000000e+00
##	[91976]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91981]	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e+00	0.000000e+00
##	[91986]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91991]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[91996]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[92001]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[92006]	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00
##	[92011]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[92016]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[92021]	0.000000e+00	0.000000e+00	1.000000e+00	0.000000e+00	0.000000e+00
##	[92026]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[92031]	0.000000e+00	0.000000e+00	0.000000e+00	8.333333e-01	0.000000e+00
##	[92036]	0.000000e+00	0.000000e+00	3.000000e+00	1.000000e+00	0.000000e+00
##	[92041]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[92046]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00

[illegible]

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## [92396] 0.000000e+00 6.753333e+02 0.000000e+00 3.946667e+02 9.916667e+01
## [92401] 0.000000e+00 0.000000e+00 0.000000e+00 4.233333e+01 0.000000e+00
## [92406] 4.385000e+02 1.500000e+00 0.000000e+00 0.000000e+00 5.766667e+01
## [92411] 7.983333e+01 0.000000e+00 3.205000e+02 0.000000e+00 0.000000e+00
## [92416] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.666000e+03
## [92421] 0.000000e+00 7.985000e+02 1.189167e+03 0.000000e+00 2.126667e+02
## [92426] 3.743000e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92431] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92436] 0.000000e+00 0.000000e+00 0.000000e+00 4.433333e+01 0.000000e+00
## [92441] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92446] 8.266667e+01 0.000000e+00 2.933333e+01 0.000000e+00 0.000000e+00
## [92451] 0.000000e+00 0.000000e+00 1.143333e+02 1.650000e+02 3.058843e+04
## [92456] 0.000000e+00 1.028500e+03 1.666667e-01 0.000000e+00 1.500000e+00
## [92461] 1.666667e+00 0.000000e+00 7.926667e+02 0.000000e+00 0.000000e+00
## [92466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e+00
## [92471] 6.183333e+02 0.000000e+00 0.000000e+00 1.666667e-01 1.138333e+02
## [92476] 3.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92481] 0.000000e+00 4.037167e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [92486] 6.661667e+02 7.100000e+01 5.181667e+02 0.000000e+00 0.000000e+00
## [92491] 4.666000e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92496] 1.693333e+02 0.000000e+00 6.391667e+02 1.995857e+04 3.286667e+02
## [92501] 0.000000e+00 0.000000e+00 8.078333e+02 0.000000e+00 7.333333e+00
## [92506] 0.000000e+00 1.325333e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [92511] 6.496667e+02 1.536667e+03 0.000000e+00 1.666667e-01 0.000000e+00
## [92516] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.188333e+02
## [92521] 0.000000e+00 5.000000e-01 7.333333e+00 0.000000e+00 6.391667e+02
## [92526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92531] 0.000000e+00 5.436667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [92536] 3.983333e+01 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [92541] 0.000000e+00 3.255000e+02 0.000000e+00 0.000000e+00 3.150000e+01
## [92546] 0.000000e+00 0.000000e+00 0.000000e+00 1.750000e+02 3.416667e+01
## [92551] 6.283333e+01 0.000000e+00 4.186667e+02 0.000000e+00 5.451667e+02
## [92556] 0.000000e+00 1.433667e+03 0.000000e+00 0.000000e+00 3.333333e-01
## [92561] 0.000000e+00 1.505000e+02 9.855000e+02 0.000000e+00 0.000000e+00
## [92566] 0.000000e+00 0.000000e+00 4.255000e+02 0.000000e+00 0.000000e+00
## [92571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92576] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92581] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92586] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92596] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92601] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92606] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92611] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92616] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92621] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92631] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92636] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92641] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92646] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92651] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92656] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [92661] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

```

[illegible]

[illegible]

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## [93206] 9.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01
## [93211] 6.666667e-01 3.333333e-01 0.000000e+00 0.000000e+00 3.333333e-01
## [93216] 0.000000e+00 0.000000e+00 0.000000e+00 6.333333e+00 3.166667e+00
## [93221] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93226] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.616667e+01
## [93231] 0.000000e+00 0.000000e+00 1.466667e+01 0.000000e+00 0.000000e+00
## [93236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93241] 0.000000e+00 0.000000e+00 3.333333e+00 0.000000e+00 0.000000e+00
## [93246] 0.000000e+00 0.000000e+00 4.000000e+00 0.000000e+00 0.000000e+00
## [93251] 1.583333e+01 0.000000e+00 0.000000e+00 0.000000e+00 3.016667e+01
## [93256] 0.000000e+00 2.666667e+00 1.666667e-01 6.500000e+00 0.000000e+00
## [93261] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93266] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93271] 1.166667e+00 0.000000e+00 0.000000e+00 2.666667e+00 0.000000e+00
## [93276] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93281] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [93286] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e+00
## [93296] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01
## [93301] 8.166667e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [93306] 0.000000e+00 0.000000e+00 0.000000e+00 1.650000e+01 0.000000e+00
## [93311] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93316] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [93321] 0.000000e+00 0.000000e+00 1.333333e+00 0.000000e+00 0.000000e+00
## [93326] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93331] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93336] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [93341] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93346] 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00 3.016667e+01
## [93351] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93356] 0.000000e+00 3.166667e+00 0.000000e+00 0.000000e+00 1.333333e+00
## [93361] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93366] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93371] 0.000000e+00 0.000000e+00 2.166667e+00 0.000000e+00 3.500000e+00
## [93376] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93381] 0.000000e+00 7.716667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [93386] 5.500000e+00 0.000000e+00 3.000000e+00 0.000000e+00 0.000000e+00
## [93391] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93396] 2.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93401] 1.666667e-01 0.000000e+00 8.333333e-01 1.666667e-01 0.000000e+00
## [93406] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93411] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93416] 3.333333e-01 0.000000e+00 3.500000e+00 0.000000e+00 0.000000e+00
## [93421] 1.666667e-01 1.666667e-01 4.666667e+00 0.000000e+00 0.000000e+00
## [93426] 0.000000e+00 1.166667e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [93431] 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+00
## [93436] 5.000000e-01 0.000000e+00 2.316667e+01 0.000000e+00 0.000000e+00
## [93441] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93446] 3.181667e+02 2.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93451] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.566667e+01
## [93456] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93461] 6.616667e+01 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00
## [93466] 0.000000e+00 0.000000e+00 0.000000e+00 9.166667e+00 5.000000e-01
## [93471] 0.000000e+00 1.033333e+01 0.000000e+00 9.166667e+00 0.000000e+00

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## [93476] 2.650000e+01 0.000000e+00 0.000000e+00 1.000000e+00 5.900000e+01
## [93481] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 6.721667e+02
## [93486] 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00
## [93491] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93501] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93506] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01
## [93511] 0.000000e+00 1.000000e+00 0.000000e+00 5.500000e+00 0.000000e+00
## [93516] 1.026667e+02 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [93521] 0.000000e+00 0.000000e+00 4.000000e+00 0.000000e+00 0.000000e+00
## [93526] 0.000000e+00 9.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93531] 4.216667e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.183333e+01
## [93536] 0.000000e+00 3.333333e-01 0.000000e+00 1.400000e+01 0.000000e+00
## [93541] 2.766667e+01 0.000000e+00 0.000000e+00 1.666667e-01 1.033333e+01
## [93546] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93551] 0.000000e+00 1.016667e+01 0.000000e+00 0.000000e+00 1.125000e+02
## [93556] 0.000000e+00 0.000000e+00 8.333333e-01 2.166667e+00 0.000000e+00
## [93561] 3.181667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93566] 5.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [93571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93576] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [93581] 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00
## [93586] 1.083333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93591] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93596] 0.000000e+00 0.000000e+00 1.350000e+01 0.000000e+00 0.000000e+00
## [93601] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93606] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.333333e+01
## [93611] 5.000000e-01 2.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93616] 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93621] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 2.216667e+01
## [93626] 0.000000e+00 0.000000e+00 1.105000e+02 1.150000e+01 0.000000e+00
## [93631] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 3.833333e+01
## [93636] 2.500000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93641] 1.666667e-01 2.016667e+01 2.333333e+00 0.000000e+00 0.000000e+00
## [93646] 1.365000e+02 3.833333e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [93651] 0.000000e+00 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00
## [93656] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [93661] 0.000000e+00 0.000000e+00 0.000000e+00 5.363333e+02 0.000000e+00
## [93666] 6.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93671] 0.000000e+00 0.000000e+00 1.450000e+01 0.000000e+00 6.666667e-01
## [93676] 0.000000e+00 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00
## [93681] 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00 1.833333e+01
## [93686] 3.833333e+00 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [93691] 0.000000e+00 3.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93696] 0.000000e+00 0.000000e+00 0.000000e+00 1.933333e+01 8.333333e-01
## [93701] 4.666667e+00 1.666667e-01 0.000000e+00 0.000000e+00 3.400000e+01
## [93706] 0.000000e+00 0.000000e+00 1.833333e+00 9.933333e+01 4.850000e+01
## [93711] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93716] 1.016667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93721] 0.000000e+00 0.000000e+00 4.333333e+00 2.166667e+00 0.000000e+00
## [93726] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93736] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [93741] 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00 0.000000e+00

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##	[93746]	9.666667e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93751]	0.000000e+00	0.000000e+00	2.818333e+02	0.000000e+00	0.000000e+00
##	[93756]	8.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[93761]	0.000000e+00	5.666667e+00	0.000000e+00	0.000000e+00	2.500000e+00
##	[93766]	0.000000e+00	0.000000e+00	1.666667e-01	6.666667e-01	0.000000e+00
##	[93771]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-01
##	[93776]	0.000000e+00	0.000000e+00	0.000000e+00	9.550000e+01	5.000000e-01
##	[93781]	1.500000e+01	0.000000e+00	0.000000e+00	0.000000e+00	9.666667e+00
##	[93786]	2.818333e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93791]	0.000000e+00	5.000000e-01	0.000000e+00	4.666667e+00	1.666667e-01
##	[93796]	2.366667e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93801]	0.000000e+00	3.233333e+01	3.550000e+01	0.000000e+00	0.000000e+00
##	[93806]	0.000000e+00	0.000000e+00	1.783333e+01	0.000000e+00	3.333333e-01
##	[93811]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.633333e+01
##	[93816]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93821]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93826]	0.000000e+00	1.666667e-01	2.766667e+01	0.000000e+00	0.000000e+00
##	[93831]	4.333333e+00	9.833333e+00	0.000000e+00	0.000000e+00	5.500000e+00
##	[93836]	0.000000e+00	0.000000e+00	2.500000e+00	0.000000e+00	1.666667e-01
##	[93841]	0.000000e+00	1.500000e+00	8.916667e+01	0.000000e+00	0.000000e+00
##	[93846]	8.333333e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93851]	0.000000e+00	2.166667e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93856]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93861]	2.466667e+01	6.450000e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	[93866]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93871]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93876]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93881]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93886]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93891]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93896]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93901]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93906]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93911]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93916]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93921]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93926]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93931]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[93936]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

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## [94016] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94021] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94026] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94031] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94036] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94046] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94051] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94056] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94061] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94066] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94071] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94076] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94081] 6.766667e+01 3.001667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [94086] 0.000000e+00 0.000000e+00 9.966667e+01 2.328333e+02 0.000000e+00
## [94091] 1.483333e+01 4.891667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [94096] 0.000000e+00 1.050000e+01 0.000000e+00 3.083333e+01 5.000000e+00
## [94101] 4.891667e+02 5.200000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [94106] 0.000000e+00 0.000000e+00 0.000000e+00 4.583333e+01 1.355000e+02
## [94111] 2.383333e+01 0.000000e+00 0.000000e+00 4.816667e+01 0.000000e+00
## [94116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.383333e+01
## [94121] 0.000000e+00 1.020000e+03 0.000000e+00 0.000000e+00 4.750000e+01
## [94126] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [94131] 0.000000e+00 1.150000e+01 0.000000e+00 4.216667e+01 0.000000e+00
## [94136] 1.833333e+00 1.020000e+03 4.000000e+00 3.733333e+01 0.000000e+00
## [94141] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 7.166667e+00
## [94146] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94151] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.250000e+01
## [94156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94161] 0.000000e+00 1.616667e+01 3.666667e+00 0.000000e+00 0.000000e+00
## [94166] 5.950000e+01 0.000000e+00 0.000000e+00 1.171667e+02 0.000000e+00
## [94171] 2.833333e+00 3.966667e+01 0.000000e+00 0.000000e+00 5.400000e+01
## [94176] 3.183333e+01 0.000000e+00 1.201167e+03 0.000000e+00 0.000000e+00
## [94181] 0.000000e+00 0.000000e+00 1.666667e+01 1.600000e+01 0.000000e+00
## [94186] 2.650000e+01 0.000000e+00 1.485000e+02 0.000000e+00 0.000000e+00
## [94191] 4.683333e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.833333e+00
## [94196] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.433333e+01
## [94201] 2.066667e+02 4.166667e+00 1.300000e+01 0.000000e+00 0.000000e+00
## [94206] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94211] 1.116667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94221] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94226] 0.000000e+00 0.000000e+00 5.583333e+01 2.658333e+02 0.000000e+00
## [94231] 0.000000e+00 7.700000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [94236] 0.000000e+00 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00
## [94241] 0.000000e+00 0.000000e+00 0.000000e+00 2.166667e+00 0.000000e+00
## [94246] 9.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.150000e+02
## [94251] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [94256] 0.000000e+00 4.466667e+01 8.000000e+00 0.000000e+00 0.000000e+00
## [94261] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94266] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 8.466667e+01
## [94271] 1.765000e+02 0.000000e+00 9.000000e+00 0.000000e+00 0.000000e+00
## [94276] 0.000000e+00 3.733333e+01 0.000000e+00 0.000000e+00 1.431833e+03
## [94281] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.000000e+00

```



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## [94286] 0.000000e+00 0.000000e+00 2.266667e+01 6.166667e+00 0.000000e+00
## [94291] 0.000000e+00 4.583333e+01 0.000000e+00 3.333333e-01 3.333333e-01
## [94296] 0.000000e+00 0.000000e+00 2.600000e+01 0.000000e+00 5.566667e+01
## [94301] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [94306] 0.000000e+00 7.666667e+00 0.000000e+00 2.910000e+02 0.000000e+00
## [94311] 0.000000e+00 5.691667e+02 0.000000e+00 0.000000e+00 4.333333e+00
## [94316] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.733333e+02
## [94321] 0.000000e+00 1.666667e-01 0.000000e+00 5.215000e+02 0.000000e+00
## [94326] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.398333e+02
## [94331] 0.000000e+00 2.713333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [94336] 0.000000e+00 0.000000e+00 9.400000e+01 0.000000e+00 0.000000e+00
## [94341] 3.083333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94346] 8.333333e-01 6.791667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [94351] 0.000000e+00 3.416667e+01 7.281667e+02 0.000000e+00 0.000000e+00
## [94356] 0.000000e+00 1.866667e+01 0.000000e+00 1.000000e+00 0.000000e+00
## [94361] 3.760000e+02 4.833333e+00 0.000000e+00 0.000000e+00 5.578333e+02
## [94366] 3.333333e-01 0.000000e+00 1.425000e+02 2.066667e+01 0.000000e+00
## [94371] 0.000000e+00 3.437833e+03 2.500000e+00 0.000000e+00 3.383333e+02
## [94376] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94381] 0.000000e+00 0.000000e+00 9.850000e+01 0.000000e+00 0.000000e+00
## [94386] 3.933333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94391] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94396] 0.000000e+00 3.418000e+03 0.000000e+00 0.000000e+00 1.208667e+03
## [94401] 5.476667e+02 0.000000e+00 3.333333e-01 0.000000e+00 3.983333e+01
## [94406] 0.000000e+00 4.833333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94411] 0.000000e+00 2.323333e+02 4.400000e+01 6.518333e+02 0.000000e+00
## [94416] 0.000000e+00 0.000000e+00 0.000000e+00 6.828333e+02 0.000000e+00
## [94421] 0.000000e+00 7.750000e+01 0.000000e+00 3.410000e+02 0.000000e+00
## [94426] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [94431] 1.916667e+01 0.000000e+00 1.070833e+03 0.000000e+00 0.000000e+00
## [94436] 3.661667e+02 4.333333e+00 4.268333e+02 0.000000e+00 3.459333e+03
## [94441] 1.368000e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94446] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.175333e+03
## [94451] 0.000000e+00 0.000000e+00 5.296667e+02 2.745000e+02 1.585000e+02
## [94456] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.461667e+02
## [94461] 0.000000e+00 1.475000e+02 1.350250e+04 0.000000e+00 0.000000e+00
## [94466] 0.000000e+00 1.123167e+03 0.000000e+00 0.000000e+00 4.556667e+02
## [94471] 0.000000e+00 0.000000e+00 0.000000e+00 2.045333e+03 0.000000e+00
## [94476] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.383333e+01
## [94481] 0.000000e+00 0.000000e+00 5.500000e+00 0.000000e+00 0.000000e+00
## [94486] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94491] 3.035000e+02 3.333333e-01 7.383333e+01 4.533333e+01 0.000000e+00
## [94496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94501] 0.000000e+00 2.566667e+01 1.267000e+03 5.296667e+02 0.000000e+00
## [94506] 0.000000e+00 0.000000e+00 0.000000e+00 1.116667e+02 0.000000e+00
## [94511] 3.418000e+03 4.393333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [94516] 6.666667e-01 6.666667e+00 0.000000e+00 2.000000e+00 1.783333e+01
## [94521] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.033333e+01
## [94526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.916667e+01
## [94531] 4.583333e+01 8.333333e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [94536] 8.333333e-01 0.000000e+00 1.150000e+01 1.250000e+01 0.000000e+00
## [94541] 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00 0.000000e+00
## [94546] 0.000000e+00 1.500000e+01 0.000000e+00 0.000000e+00 2.783333e+01
## [94551] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.583333e+01

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## [94556] 1.016667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94561] 0.000000e+00 0.000000e+00 0.000000e+00 1.286667e+02 0.000000e+00
## [94566] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94571] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94576] 2.450000e+01 0.000000e+00 0.000000e+00 0.000000e+00 2.833333e+01
## [94581] 0.000000e+00 0.000000e+00 0.000000e+00 4.883333e+01 0.000000e+00
## [94586] 0.000000e+00 0.000000e+00 3.500000e+00 7.883333e+01 0.000000e+00
## [94591] 5.833333e+00 1.433333e+01 0.000000e+00 1.286667e+02 0.000000e+00
## [94596] 0.000000e+00 2.050000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [94601] 0.000000e+00 0.000000e+00 2.780000e+02 0.000000e+00 0.000000e+00
## [94606] 2.566667e+01 2.016667e+01 9.166667e+00 3.000000e+00 6.666667e-01
## [94611] 0.000000e+00 0.000000e+00 3.166667e+01 1.016667e+01 2.183333e+01
## [94616] 0.000000e+00 1.406667e+02 2.833333e+00 1.645000e+02 0.000000e+00
## [94621] 0.000000e+00 0.000000e+00 0.000000e+00 4.000000e+00 0.000000e+00
## [94626] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94631] 3.333333e-01 0.000000e+00 3.500000e+00 0.000000e+00 0.000000e+00
## [94636] 0.000000e+00 0.000000e+00 0.000000e+00 5.166667e+00 0.000000e+00
## [94641] 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00 5.383333e+01
## [94646] 0.000000e+00 1.333333e+01 6.983333e+01 0.000000e+00 0.000000e+00
## [94651] 8.333333e+01 0.000000e+00 0.000000e+00 0.000000e+00 4.500000e+01
## [94656] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.100000e+01
## [94661] 0.000000e+00 0.000000e+00 0.000000e+00 3.500000e+01 1.200000e+01
## [94666] 0.000000e+00 0.000000e+00 0.000000e+00 1.350000e+01 0.000000e+00
## [94671] 2.733333e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.521667e+02
## [94676] 2.850000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94681] 4.300000e+01 0.000000e+00 2.500000e+01 0.000000e+00 8.333333e-01
## [94686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94691] 0.000000e+00 0.000000e+00 1.166667e+00 2.116667e+01 0.000000e+00
## [94696] 0.000000e+00 5.871667e+02 0.000000e+00 0.000000e+00 8.333333e-01
## [94701] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94706] 0.000000e+00 1.183333e+01 0.000000e+00 1.666667e-01 0.000000e+00
## [94711] 0.000000e+00 0.000000e+00 6.283333e+01 0.000000e+00 5.000000e-01
## [94716] 0.000000e+00 0.000000e+00 5.383333e+01 0.000000e+00 0.000000e+00
## [94721] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [94726] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [94731] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94736] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94741] 9.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94746] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94751] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94756] 0.000000e+00 1.500000e+00 5.000000e-01 0.000000e+00 0.000000e+00
## [94761] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94766] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94771] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94781] 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94786] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94796] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [94801] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94806] 9.333333e+00 2.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94811] 3.333333e-01 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [94816] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [94821] 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00 0.000000e+00

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[illegible]

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## [95096] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95101] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95106] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95111] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95116] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95121] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95126] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95131] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95136] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95141] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95146] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95151] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95161] 0.000000e+00 0.000000e+00 1.333333e+00 0.000000e+00 9.186667e+02
## [95166] 1.158333e+02 0.000000e+00 1.666667e+00 0.000000e+00 0.000000e+00
## [95171] 2.618333e+02 0.000000e+00 4.316667e+01 5.510000e+02 9.086667e+02
## [95176] 0.000000e+00 3.868243e+04 0.000000e+00 0.000000e+00 0.000000e+00
## [95181] 0.000000e+00 0.000000e+00 0.000000e+00 2.935000e+02 0.000000e+00
## [95186] 0.000000e+00 0.000000e+00 1.333333e+00 0.000000e+00 0.000000e+00
## [95191] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95196] 1.923333e+02 2.573333e+02 0.000000e+00 0.000000e+00 5.385000e+03
## [95201] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.842833e+03
## [95206] 1.266667e+01 9.583333e+02 0.000000e+00 7.583333e+01 0.000000e+00
## [95211] 0.000000e+00 0.000000e+00 0.000000e+00 8.300000e+01 1.013000e+03
## [95216] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95221] 2.898500e+03 0.000000e+00 0.000000e+00 0.000000e+00 4.350000e+01
## [95226] 1.056333e+03 1.513333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [95231] 0.000000e+00 0.000000e+00 2.666667e+00 0.000000e+00 6.475000e+02
## [95236] 0.000000e+00 0.000000e+00 2.695000e+02 0.000000e+00 4.341667e+02
## [95241] 0.000000e+00 0.000000e+00 1.830000e+02 1.783333e+01 0.000000e+00
## [95246] 2.009333e+03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95251] 0.000000e+00 2.500000e+00 0.000000e+00 4.716667e+01 5.666667e+00
## [95256] 0.000000e+00 0.000000e+00 0.000000e+00 2.500000e+00 0.000000e+00
## [95261] 2.783333e+01 0.000000e+00 0.000000e+00 4.233333e+01 0.000000e+00
## [95266] 0.000000e+00 0.000000e+00 7.766667e+01 0.000000e+00 0.000000e+00
## [95271] 1.842833e+03 2.476667e+02 3.565000e+02 1.571833e+03 0.000000e+00
## [95276] 0.000000e+00 0.000000e+00 0.000000e+00 6.818833e+03 0.000000e+00
## [95281] 0.000000e+00 0.000000e+00 0.000000e+00 4.537667e+03 1.383333e+02
## [95286] 0.000000e+00 0.000000e+00 0.000000e+00 7.566667e+02 0.000000e+00
## [95291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95296] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.833333e+00
## [95301] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95306] 0.000000e+00 2.850000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [95311] 3.000000e+01 5.842833e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [95316] 0.000000e+00 0.000000e+00 0.000000e+00 3.173333e+02 0.000000e+00
## [95321] 5.575000e+02 1.859333e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [95326] 1.313833e+03 0.000000e+00 0.000000e+00 0.000000e+00 6.896667e+02
## [95331] 1.560667e+03 0.000000e+00 5.101667e+02 1.818333e+02 7.566667e+02
## [95336] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [95341] 2.666667e+00 0.000000e+00 0.000000e+00 9.350000e+01 9.350000e+01
## [95346] 0.000000e+00 0.000000e+00 7.190000e+02 1.666667e-01 0.000000e+00
## [95351] 0.000000e+00 5.536667e+02 2.898500e+03 5.833333e+00 0.000000e+00
## [95356] 0.000000e+00 1.866667e+01 0.000000e+00 0.000000e+00 2.093333e+02
## [95361] 6.083333e+01 0.000000e+00 0.000000e+00 5.355000e+02 0.000000e+00

```

[illegible]

[illegible]

##	[95906]	0.000000e+00	0.000000e+00	2.500000e+00	0.000000e+00	0.000000e+00
##	[95911]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95916]	0.000000e+00	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00
##	[95921]	0.000000e+00	0.000000e+00	0.000000e+00	2.416667e+01	0.000000e+00
##	[95926]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.666667e-01
##	[95931]	0.000000e+00	0.000000e+00	1.233333e+01	3.333333e-01	0.000000e+00
##	[95936]	0.000000e+00	1.666667e-01	2.000000e+00	0.000000e+00	5.000000e-01
##	[95941]	1.666667e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95946]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95951]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95956]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95961]	8.333333e-01	0.000000e+00	0.000000e+00	2.000000e+00	0.000000e+00
##	[95966]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95971]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95976]	0.000000e+00	0.000000e+00	0.000000e+00	1.166667e+00	1.666667e-01
##	[95981]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95986]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95991]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[95996]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96001]	0.000000e+00	0.000000e+00	1.233333e+01	0.000000e+00	0.000000e+00
##	[96006]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96011]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96016]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96021]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96026]	1.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96031]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96036]	8.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96041]	0.000000e+00	3.666667e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96046]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96051]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.550000e+01
##	[96056]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96061]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96066]	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	[96071]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96076]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.333333e-01
##	[96081]	8.666667e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.666667e+00
##	[96086]	0.000000e+00	3.333333e-01	0.000000e+00	0.000000e+00	2.990000e+02
##	[96091]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[96096]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

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## [96176] 0.000000e+00 0.000000e+00 2.666667e+00 0.000000e+00 0.000000e+00
## [96181] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [96186] 0.000000e+00 0.000000e+00 1.531667e+02 0.000000e+00 0.000000e+00
## [96191] 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00
## [96196] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96201] 0.000000e+00 1.916667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [96206] 6.150000e+01 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e-01
## [96211] 8.166667e+00 0.000000e+00 0.000000e+00 0.000000e+00 8.500000e+00
## [96216] 0.000000e+00 5.000000e-01 3.333333e-01 0.000000e+00 0.000000e+00
## [96221] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.366667e+01
## [96226] 0.000000e+00 2.166667e+00 0.000000e+00 1.133333e+01 3.333333e-01
## [96231] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 2.666667e+00
## [96236] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96241] 0.000000e+00 0.000000e+00 1.250000e+01 0.000000e+00 1.216667e+01
## [96246] 2.800000e+01 0.000000e+00 3.333333e-01 3.333333e-01 0.000000e+00
## [96251] 0.000000e+00 0.000000e+00 2.750000e+01 0.000000e+00 0.000000e+00
## [96256] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 1.533333e+01
## [96261] 0.000000e+00 4.483333e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [96266] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96271] 0.000000e+00 1.733333e+01 1.666667e-01 0.000000e+00 2.640000e+03
## [96276] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96281] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96286] 0.000000e+00 1.680000e+02 0.000000e+00 1.316667e+01 0.000000e+00
## [96291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96296] 0.000000e+00 0.000000e+00 2.116667e+01 0.000000e+00 0.000000e+00
## [96301] 2.000000e+00 1.333333e+00 1.733333e+01 0.000000e+00 0.000000e+00
## [96306] 9.100000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96311] 0.000000e+00 1.355000e+02 3.983333e+01 1.666667e-01 0.000000e+00
## [96316] 0.000000e+00 0.000000e+00 0.000000e+00 6.666667e+00 0.000000e+00
## [96321] 0.000000e+00 8.333333e-01 0.000000e+00 8.333333e-01 0.000000e+00
## [96326] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [96331] 0.000000e+00 0.000000e+00 2.500000e+00 2.861667e+02 0.000000e+00
## [96336] 3.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01
## [96341] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01
## [96346] 0.000000e+00 0.000000e+00 1.033333e+01 0.000000e+00 0.000000e+00
## [96351] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 3.000000e+00
## [96356] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 8.333333e-01
## [96361] 0.000000e+00 0.000000e+00 0.000000e+00 1.166667e+00 0.000000e+00
## [96366] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96371] 0.000000e+00 1.185000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [96376] 0.000000e+00 0.000000e+00 0.000000e+00 1.590500e+03 0.000000e+00
## [96381] 0.000000e+00 0.000000e+00 5.133333e+01 0.000000e+00 0.000000e+00
## [96386] 0.000000e+00 0.000000e+00 8.333333e-01 0.000000e+00 1.666667e-01
## [96391] 4.866667e+01 0.000000e+00 1.423333e+02 0.000000e+00 0.000000e+00
## [96396] 0.000000e+00 0.000000e+00 0.000000e+00 6.500000e+00 0.000000e+00
## [96401] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e+00 0.000000e+00
## [96406] 0.000000e+00 0.000000e+00 1.666667e-01 1.666667e-01 0.000000e+00
## [96411] 1.666667e-01 5.966667e+01 1.666667e-01 0.000000e+00 0.000000e+00
## [96416] 0.000000e+00 0.000000e+00 1.166667e+00 3.445000e+02 4.095000e+02
## [96421] 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 6.766667e+01
## [96426] 8.666667e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.590500e+03
## [96431] 0.000000e+00 0.000000e+00 0.000000e+00 1.016667e+01 0.000000e+00
## [96436] 0.000000e+00 0.000000e+00 0.000000e+00 6.100000e+01 0.000000e+00
## [96441] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00

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```

## [96446] 2.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96451] 1.361667e+02 0.000000e+00 1.000000e+01 0.000000e+00 0.000000e+00
## [96456] 0.000000e+00 4.166667e+00 1.466667e+01 0.000000e+00 0.000000e+00
## [96461] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96466] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96471] 3.583333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96476] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96481] 0.000000e+00 0.000000e+00 0.000000e+00 1.276167e+03 3.333333e-01
## [96486] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96491] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96496] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96501] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96506] 0.000000e+00 1.666667e-01 2.233333e+01 1.666667e-01 0.000000e+00
## [96511] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96516] 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00 2.416667e+01
## [96521] 0.000000e+00 6.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00
## [96526] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [96531] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.133333e+02
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## [96566] 0.000000e+00 0.000000e+00 2.500000e+00 0.000000e+00 2.516667e+01
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## [96576] 0.000000e+00 1.233333e+01 0.000000e+00 2.416667e+01 0.000000e+00
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## [96636] 0.000000e+00 7.500000e+00 1.833333e+00 0.000000e+00 1.950000e+01
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## [97246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
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[illegible]

[illegible]

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[illegible]

[illegible]

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## [98901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [98906] 0.000000e+00 0.000000e+00 7.470000e+02 1.666667e+00 0.000000e+00
## [98911] 1.233333e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [98916] 0.000000e+00 0.000000e+00 0.000000e+00 1.616667e+01 0.000000e+00
## [98921] 3.000000e+00 0.000000e+00 0.000000e+00 2.366667e+01 0.000000e+00
## [98926] 0.000000e+00 0.000000e+00 1.333333e+01 0.000000e+00 0.000000e+00
## [98931] 0.000000e+00 0.000000e+00 1.071667e+02 0.000000e+00 0.000000e+00
## [98936] 0.000000e+00 0.000000e+00 0.000000e+00 3.051667e+02 0.000000e+00
## [98941] 0.000000e+00 0.000000e+00 0.000000e+00 3.000000e+00 1.500000e+00
## [98946] 0.000000e+00 0.000000e+00 0.000000e+00 6.166667e+00 6.666667e-01
## [98951] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [98956] 0.000000e+00 0.000000e+00 3.000000e+00 0.000000e+00 0.000000e+00
## [98961] 0.000000e+00 1.183333e+01 0.000000e+00 3.333333e-01 3.700000e+01
## [98966] 0.000000e+00 1.550000e+01 0.000000e+00 1.666667e-01 0.000000e+00
## [98971] 0.000000e+00 0.000000e+00 1.853333e+02 0.000000e+00 0.000000e+00
## [98976] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [98981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [98986] 0.000000e+00 0.000000e+00 3.051667e+02 0.000000e+00 0.000000e+00
## [98991] 0.000000e+00 0.000000e+00 1.683333e+01 0.000000e+00 0.000000e+00
## [98996] 7.933333e+01 0.000000e+00 3.000000e+00 0.000000e+00 0.000000e+00
## [99001] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99006] 0.000000e+00 0.000000e+00 1.533333e+01 0.000000e+00 0.000000e+00
## [99011] 0.000000e+00 0.000000e+00 0.000000e+00 8.200000e+01 0.000000e+00
## [99016] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.516667e+01
## [99021] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99026] 0.000000e+00 0.000000e+00 0.000000e+00 2.633333e+01 0.000000e+00
## [99031] 0.000000e+00 0.000000e+00 0.000000e+00 1.333333e+00 0.000000e+00
## [99036] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [99041] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99046] 0.000000e+00 7.166667e+00 0.000000e+00 1.800000e+01 6.583333e+02
## [99051] 0.000000e+00 1.750000e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [99056] 0.000000e+00 0.000000e+00 3.500000e+00 0.000000e+00 0.000000e+00
## [99061] 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00 5.000000e-01
## [99066] 0.000000e+00 0.000000e+00 0.000000e+00 1.280000e+02 0.000000e+00
## [99071] 1.666667e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99076] 0.000000e+00 0.000000e+00 2.198333e+02 0.000000e+00 2.521167e+03
## [99081] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [99086] 1.571000e+03 2.116667e+01 0.000000e+00 2.798333e+02 1.666667e-01
## [99091] 0.000000e+00 1.561667e+02 1.301667e+02 1.666667e-01 0.000000e+00
## [99096] 1.950000e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.706667e+02
## [99101] 7.248333e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99106] 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [99111] 0.000000e+00 1.000000e+01 0.000000e+00 2.116667e+01 0.000000e+00
## [99116] 0.000000e+00 0.000000e+00 0.000000e+00 4.333333e+00 0.000000e+00
## [99121] 1.785000e+02 1.333333e+00 0.000000e+00 0.000000e+00 2.666667e+00
## [99126] 0.000000e+00 0.000000e+00 1.341667e+02 0.000000e+00 0.000000e+00
## [99131] 0.000000e+00 0.000000e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [99136] 0.000000e+00 0.000000e+00 3.533333e+01 5.000000e-01 0.000000e+00
## [99141] 1.561667e+02 0.000000e+00 4.166667e+00 0.000000e+00 5.000000e-01

```

```

## [99146] 0.000000e+00 0.000000e+00 4.500000e+00 2.383333e+01 0.000000e+00
## [99151] 0.000000e+00 0.000000e+00 1.388333e+02 0.000000e+00 0.000000e+00
## [99156] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01
## [99161] 0.000000e+00 3.333333e-01 5.366667e+02 3.333333e-01 0.000000e+00
## [99166] 0.000000e+00 0.000000e+00 0.000000e+00 1.666667e-01 0.000000e+00
## [99171] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99176] 0.000000e+00 3.740000e+02 0.000000e+00 6.866667e+01 0.000000e+00
## [99181] 6.666667e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99186] 1.666667e-01 8.951667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [99191] 4.856667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99196] 0.000000e+00 0.000000e+00 3.150000e+01 0.000000e+00 2.333333e+00
## [99201] 6.048167e+03 0.000000e+00 0.000000e+00 2.698333e+02 0.000000e+00
## [99206] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99211] 2.333333e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99216] 0.000000e+00 0.000000e+00 0.000000e+00 3.816667e+01 0.000000e+00
## [99221] 2.033333e+01 1.019833e+03 0.000000e+00 7.233333e+01 2.521167e+03
## [99226] 0.000000e+00 0.000000e+00 1.706667e+02 0.000000e+00 8.333333e+01
## [99231] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.833333e+00
## [99236] 5.000000e-01 0.000000e+00 0.000000e+00 0.000000e+00 4.166667e+00
## [99241] 0.000000e+00 0.000000e+00 0.000000e+00 4.683333e+01 0.000000e+00
## [99246] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99251] 0.000000e+00 0.000000e+00 9.483333e+01 0.000000e+00 2.666667e+00
## [99256] 0.000000e+00 8.416667e+01 0.000000e+00 0.000000e+00 0.000000e+00
## [99261] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99266] 0.000000e+00 0.000000e+00 0.000000e+00 6.500000e+00 0.000000e+00
## [99271] 0.000000e+00 0.000000e+00 0.000000e+00 1.000000e+00 0.000000e+00
## [99276] 0.000000e+00 1.166667e+00 1.150000e+02 0.000000e+00 0.000000e+00
## [99281] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99286] 1.100000e+01 1.166667e+00 0.000000e+00 1.666667e-01 3.000000e+00
## [99291] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.350000e+01
## [99296] 3.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99301] 0.000000e+00 0.000000e+00 0.000000e+00 1.500000e+01 0.000000e+00
## [99306] 0.000000e+00 1.476000e+03 4.795500e+03 0.000000e+00 0.000000e+00
## [99311] 1.045000e+02 0.000000e+00 0.000000e+00 0.000000e+00 3.266667e+01
## [99316] 8.283333e+01 0.000000e+00 0.000000e+00 2.688333e+02 0.000000e+00
## [99321] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.183333e+01
## [99326] 2.050000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99331] 1.598333e+02 0.000000e+00 0.000000e+00 2.916667e+01 0.000000e+00
## [99336] 1.166667e+00 9.833333e+00 0.000000e+00 3.333333e-01 0.000000e+00
## [99341] 0.000000e+00 1.476000e+03 0.000000e+00 6.116667e+01 0.000000e+00
## [99346] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.500000e+00
## [99351] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99356] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99361] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99366] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 3.800000e+02
## [99371] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [99376] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99381] 1.666667e-01 0.000000e+00 0.000000e+00 8.453333e+02 6.091667e+02
## [99386] 9.400000e+01 0.000000e+00 1.666667e-01 0.000000e+00 0.000000e+00
## [99391] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99396] 0.000000e+00 0.000000e+00 0.000000e+00 5.000000e-01 0.000000e+00
## [99401] 0.000000e+00 1.401667e+02 4.166667e+01 0.000000e+00 7.166667e+00
## [99406] 0.000000e+00 3.333333e-01 0.000000e+00 2.005000e+02 0.000000e+00
## [99411] 0.000000e+00 7.400000e+01 0.000000e+00 9.566667e+01 3.333333e-01

```

##	[99416]	0.000000e+00	1.666667e-01	0.000000e+00	0.000000e+00	3.666667e+00
##	[99421]	1.666667e-01	3.300000e+01	9.125000e+02	0.000000e+00	1.544500e+03
##	[99426]	0.000000e+00	1.100000e+01	0.000000e+00	7.566667e+01	0.000000e+00
##	[99431]	3.333333e-01	0.000000e+00	0.000000e+00	0.000000e+00	1.970000e+02
##	[99436]	0.000000e+00	6.666667e-01	0.000000e+00	0.000000e+00	6.100000e+01
##	[99441]	0.000000e+00	1.778333e+02	0.000000e+00	4.500000e+00	1.166667e+00
##	[99446]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99451]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99456]	0.000000e+00	1.846667e+02	1.666667e-01	0.000000e+00	0.000000e+00
##	[99461]	0.000000e+00	2.566667e+01	1.000000e+00	0.000000e+00	0.000000e+00
##	[99466]	5.378333e+02	0.000000e+00	0.000000e+00	3.951667e+02	0.000000e+00
##	[99471]	6.173333e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99476]	0.000000e+00	9.400000e+01	0.000000e+00	1.598333e+02	0.000000e+00
##	[99481]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99486]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99491]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99496]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99501]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99506]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99511]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99516]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99521]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99526]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99531]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99536]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99541]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99546]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99551]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99556]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99561]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99566]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99571]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99576]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99581]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99586]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99591]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99596]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99601]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	[99606]	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

```

## [99686] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99691] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99696] 0.000000e+00 6.333333e+00 0.000000e+00 1.404333e+03 6.350000e+01
## [99701] 1.346667e+02 1.659500e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [99706] 0.000000e+00 0.000000e+00 0.000000e+00 4.783333e+01 0.000000e+00
## [99711] 3.043333e+02 0.000000e+00 0.000000e+00 2.863333e+02 0.000000e+00
## [99716] 0.000000e+00 0.000000e+00 4.133333e+01 1.840000e+02 0.000000e+00
## [99721] 1.787667e+03 0.000000e+00 1.801667e+02 0.000000e+00 0.000000e+00
## [99726] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.481667e+02
## [99731] 0.000000e+00 5.680000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [99736] 2.380833e+03 0.000000e+00 0.000000e+00 2.183333e+01 0.000000e+00
## [99741] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.166667e+01
## [99746] 7.904667e+03 0.000000e+00 1.500000e+00 0.000000e+00 7.868333e+02
## [99751] 0.000000e+00 0.000000e+00 8.450000e+01 2.155500e+03 9.600000e+01
## [99756] 0.000000e+00 2.250000e+02 0.000000e+00 0.000000e+00 4.766667e+01
## [99761] 0.000000e+00 0.000000e+00 0.000000e+00 5.368333e+02 1.100000e+02
## [99766] 0.000000e+00 8.005000e+02 2.573333e+02 5.200000e+02 0.000000e+00
## [99771] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99776] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99781] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99786] 0.000000e+00 0.000000e+00 0.000000e+00 8.166667e+00 0.000000e+00
## [99791] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99796] 1.500000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99801] 0.000000e+00 1.953667e+03 0.000000e+00 9.900000e+02 1.993333e+02
## [99806] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 2.496667e+02
## [99811] 1.783333e+02 5.500000e+01 7.383333e+01 1.036667e+02 0.000000e+00
## [99816] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99821] 0.000000e+00 1.016667e+01 0.000000e+00 0.000000e+00 1.720000e+02
## [99826] 0.000000e+00 1.391667e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [99831] 0.000000e+00 1.900000e+02 1.684000e+03 0.000000e+00 1.728333e+03
## [99836] 0.000000e+00 0.000000e+00 6.333333e+00 0.000000e+00 0.000000e+00
## [99841] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99846] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99851] 2.346667e+02 4.063333e+02 0.000000e+00 4.783333e+01 4.000000e+01
## [99856] 1.601667e+02 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99861] 0.000000e+00 2.433333e+01 0.000000e+00 4.748333e+02 8.511667e+02
## [99866] 0.000000e+00 2.250000e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [99871] 0.000000e+00 0.000000e+00 7.405000e+02 6.917833e+03 0.000000e+00
## [99876] 9.166667e+00 0.000000e+00 1.528333e+02 0.000000e+00 0.000000e+00
## [99881] 2.550000e+01 0.000000e+00 0.000000e+00 0.000000e+00 1.659500e+03
## [99886] 4.055000e+02 2.380833e+03 0.000000e+00 0.000000e+00 0.000000e+00
## [99891] 1.950000e+01 2.601667e+02 2.375000e+02 0.000000e+00 1.021333e+03
## [99896] 0.000000e+00 1.500000e+00 0.000000e+00 0.000000e+00 2.900000e+01
## [99901] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99906] 0.000000e+00 0.000000e+00 8.183333e+01 0.000000e+00 0.000000e+00
## [99911] 1.500000e+02 4.388333e+02 0.000000e+00 0.000000e+00 0.000000e+00
## [99916] 2.179167e+03 0.000000e+00 2.320000e+02 0.000000e+00 0.000000e+00
## [99921] 0.000000e+00 0.000000e+00 1.570000e+02 0.000000e+00 4.568333e+02
## [99926] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.941667e+02
## [99931] 0.000000e+00 0.000000e+00 0.000000e+00 3.666667e+01 0.000000e+00
## [99936] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99941] 0.000000e+00 1.716667e+01 7.903333e+02 0.000000e+00 0.000000e+00
## [99946] 8.166667e+00 0.000000e+00 7.583333e+01 0.000000e+00 0.000000e+00
## [99951] 4.600000e+01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

```

```
## [99956] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.833333e+01
## [99961] 0.000000e+00 0.000000e+00 0.000000e+00 6.098333e+02 5.200000e+02
## [99966] 8.333333e-01 1.266667e+01 2.650000e+01 0.000000e+00 1.000000e+00
## [99971] 1.935000e+02 0.000000e+00 7.733333e+01 0.000000e+00 9.166667e+00
## [99976] 7.383333e+01 0.000000e+00 1.283333e+01 0.000000e+00 0.000000e+00
## [99981] 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00
## [99986] 0.000000e+00 0.000000e+00 1.235000e+02 1.666667e-01 0.000000e+00
## [99991] 0.000000e+00 0.000000e+00 1.631667e+02 0.000000e+00 0.000000e+00
## [99996] 0.000000e+00 1.000000e+00 0.000000e+00 0.000000e+00
## [ reached getOption("max.print") -- omitted 429242 entries ]
```

```
apply(vaccines[, 4:12], 2, mean, na.rm = TRUE) # 1 for row-wise operation, 2 for column-wise
```

```
## NumberDosesReceived NumberDosesExported      FirstDose      FirstDoseRefused
##      2.021725e+04      1.326050e+03      1.749675e+03      4.015204e-01
##      SecondDose      DoseAdditional1      DoseAdditional2      DoseAdditional3
##      1.582874e+03      1.251688e+03      1.962433e+02      4.458589e+00
##      UnknownDose
##      1.395121e+01
```

```
lapply(by(vaccines$Population, vaccines$ReportingCountry, mean),
       log10)
```

```
## $AT
## [1] 6.950965
##
## $BE
## [1] 7.063178
##
## $BG
## [1] 6.839901
##
## $CY
## [1] 5.952294
##
## $CZ
## [1] 7.029454
##
## $DE
## [1] 7.919889
##
## $DK
## [1] 6.766401
##
## $EE
## [1] 6.123872
##
## $EL
## [1] 7.028549
##
## $ES
## [1] 7.67576
##
## $FI
## [1] 6.743009
```

```
##
## $FR
## [1] 7.830288
##
## $HR
## [1] 6.606014
##
## $HU
## [1] 6.988154
##
## $IE
## [1] 6.699501
##
## $IS
## [1] 5.566762
##
## $IT
## [1] 7.772605
##
## $LI
## [1] 4.591677
##
## $LT
## [1] 6.446486
##
## $LU
## [1] 5.802562
##
## $LV
## [1] 6.277217
##
## $MT
## [1] 5.712724
##
## $NL
## [1] 7.24239
##
## $NO
## [1] 6.731687
##
## $PL
## [1] 7.577979
##
## $PT
## [1] 7.012763
##
## $RO
## [1] 7.283339
##
## $SE
## [1] 7.016122
##
## $SI
## [1] 6.324052
```

```
##
## $SK
## [1] 6.737174

sapply(by(vaccines$Population, vaccines$ReportingCountry, mean),
       log10)

##      AT      BE      BG      CY      CZ      DE      DK      EE
## 6.950965 7.063178 6.839901 5.952294 7.029454 7.919889 6.766401 6.123872
##      EL      ES      FI      FR      HR      HU      IE      IS
## 7.028549 7.675760 6.743009 7.830288 6.606014 6.988154 6.699501 5.566762
##      IT      LI      LT      LU      LV      MT      NL      NO
## 7.772605 4.591677 6.446486 5.802562 6.277217 5.712724 7.242390 6.731687
##      PL      PT      RO      SE      SI      SK
## 7.577979 7.012763 7.283339 7.016122 6.324052 6.737174

class(lapply(by(vaccines$Population, vaccines$ReportingCountry,
               mean), log10)) #lapply take a list (or object that can be coerced as one) and gives a list

## [1] "list"

class(sapply(by(vaccines$Population, vaccines$ReportingCountry,
               mean), log10)) #a wrapper of lapply that returns a vector or matrix instead of a list

## [1] "numeric"

sapply(list(vaccines2$Population, vaccines2$FirstDose, vaccines2$SecondDose,
           vaccines2$NumberDosesReceived), median) # we can do it with several variables

## [1] 5533793      0      0      NA

sapply(vaccines2, class) #calculations is a broad concept here

##      YearWeekISO      ReportingCountry      Denominator NumberDosesReceived
##      "character"      "character"      "integer"      "integer"
## NumberDosesExported      FirstDose      FirstDoseRefused      SecondDose
##      "integer"      "integer"      "integer"      "integer"
##      DoseAdditional1      DoseAdditional2      DoseAdditional3      UnknownDose
##      "integer"      "integer"      "integer"      "integer"
##      Region      TargetGroup      Vaccine      Population
##      "character"      "character"      "character"      "integer"

# mapply is a matrix (or multivariable) version
mapply(sub, vaccines2[, 4], vaccines2[, 6], vaccines2[, 7])

## Warning in (function (pattern, replacement, x, ignore.case = FALSE, perl =
## FALSE, : el argumento 'pattern' tiene tiene longitud > 1 y sólo el primer
## elemento será usado

## Warning in (function (pattern, replacement, x, ignore.case = FALSE, perl =
## FALSE, : el argumento 'replacement' tiene tiene longitud > 1 y sólo el primer
## elemento será usado

##      NumberDosesReceived
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## [4,] NA
## [5,] NA
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[933,] NA
[934,] NA
[935,] NA
[936,] NA
[937,] NA
[938,] NA
[939,] NA
[940,] NA
[941,] NA
[942,] NA
[943,] NA
[944,] NA
[945,] NA
[946,] NA
[947,] NA
[948,] NA
[949,] NA
[950,] NA
[951,] NA
[952,] NA
[953,] NA
[954,] NA
[955,] NA
[956,] NA
[957,] NA
[958,] NA
[959,] NA
[960,] NA
[961,] NA
[962,] NA
[963,] NA
[964,] NA
[965,] NA
[966,] NA
[967,] NA
[968,] NA
[969,] NA
[970,] NA
[971,] NA
[972,] NA
[973,] NA
[974,] NA
[975,] NA
[976,] NA
[977,] NA

```
## [978,] NA
## [979,] NA
## [980,] NA
## [981,] NA
## [982,] NA
## [983,] NA
## [984,] NA
## [985,] NA
## [986,] NA
## [987,] NA
## [988,] NA
## [989,] NA
## [990,] NA
## [991,] NA
## [992,] NA
## [993,] NA
## [994,] NA
## [995,] NA
## [996,] NA
## [997,] NA
## [998,] NA
## [999,] NA
## [1000,] NA
```

```
mapply(rep, letters[1:4], 4:1)
```

```
## $a
## [1] "a" "a" "a" "a"
##
## $b
## [1] "b" "b" "b"
##
## $c
## [1] "c" "c"
##
## $d
## [1] "d"
```

```
# tapply breaks a vector into pieces, can be used instead
# of aggregate
tapply(vaccines$NumberDosesReceived, vaccines$ReportingCountry,
       median, na.rm = TRUE)
```

```
##   AT   BE   BG   CY   CZ   DE   DK   EE   EL   ES   FI   FR   HR
##   0    0    0    0    0 53900    0    0    0    0 87750    0 32400
##   HU   IE   IS   IT   LI   LT   LU   LV   MT   NL   NO   PL   PT
##   0    0 1300   62    0    0    0    0   NA    0    0    0    0
##   RO   SE   SI   SK
##   0    0    0    0
```

```
tapply(col_i_genomes$VF, col_i_genomes$Source, mean, na.rm = TRUE)
```

```
##   Avian   Human   Porcine
## 7.333333 11.266667 4.500000
```

```
# vapply is similar to sapply, but has a pre-specified type
# of return value
```

```
vapply(vaccines[, 8:11], mean, numeric(1))
```

```
##      SecondDose DoseAdditional1 DoseAdditional2 DoseAdditional3
## 1582.874050    1251.687770    196.243314      4.458589
```

```
vapply(vaccines[, 8:11], function(x) x^2, numeric(nrow(vaccines)))
```

```
##      SecondDose DoseAdditional1 DoseAdditional2 DoseAdditional3
## [1,] 0.000000e+00 0.000000e+00          0          0
## [2,] 0.000000e+00 0.000000e+00          0          0
## [3,] 0.000000e+00 0.000000e+00          0          0
## [4,] 0.000000e+00 0.000000e+00          0          0
## [5,] 0.000000e+00 0.000000e+00          0          0
## [6,] 0.000000e+00 0.000000e+00          0          0
## [7,] 0.000000e+00 0.000000e+00          0          0
## [8,] 0.000000e+00 0.000000e+00          0          0
## [9,] 0.000000e+00 0.000000e+00          0          0
## [10,] 0.000000e+00 0.000000e+00          0          0
## [11,] 0.000000e+00 0.000000e+00          0          0
## [12,] 0.000000e+00 0.000000e+00          0          0
## [13,] 0.000000e+00 0.000000e+00          0          0
## [14,] 0.000000e+00 0.000000e+00          0          0
## [15,] 0.000000e+00 0.000000e+00          0          0
## [16,] 0.000000e+00 0.000000e+00          0          0
## [17,] 0.000000e+00 0.000000e+00          0          0
## [18,] 0.000000e+00 0.000000e+00          0          0
## [19,] 0.000000e+00 0.000000e+00          0          0
## [20,] 0.000000e+00 0.000000e+00          0          0
## [21,] 0.000000e+00 0.000000e+00          0          0
## [22,] 0.000000e+00 0.000000e+00          0          0
## [23,] 0.000000e+00 0.000000e+00          0          0
## [24,] 0.000000e+00 0.000000e+00          0          0
## [25,] 0.000000e+00 0.000000e+00          0          0
## [26,] 0.000000e+00 0.000000e+00          0          0
## [27,] 0.000000e+00 0.000000e+00          0          0
## [28,] 0.000000e+00 0.000000e+00          0          0
## [29,] 0.000000e+00 0.000000e+00          0          0
## [30,] 0.000000e+00 0.000000e+00          0          0
## [31,] 0.000000e+00 0.000000e+00          0          0
## [32,] 0.000000e+00 0.000000e+00          0          0
## [33,] 0.000000e+00 0.000000e+00          0          0
## [34,] 0.000000e+00 0.000000e+00          0          0
## [35,] 0.000000e+00 0.000000e+00          0          0
## [36,] 0.000000e+00 0.000000e+00          0          0
## [37,] 0.000000e+00 0.000000e+00          0          0
## [38,] 0.000000e+00 0.000000e+00          0          0
## [39,] 0.000000e+00 0.000000e+00          0          0
## [40,] 0.000000e+00 0.000000e+00          0          0
## [41,] 0.000000e+00 0.000000e+00          0          0
## [42,] 0.000000e+00 0.000000e+00          0          0
## [43,] 0.000000e+00 0.000000e+00          0          0
## [44,] 0.000000e+00 0.000000e+00          0          0
## [45,] 0.000000e+00 0.000000e+00          0          0
## [46,] 0.000000e+00 0.000000e+00          0          0
```

[illegible]

[illegible]

[illegible]

[illegible]

##	[425,]	0.000000e+00	0.000000e+00	0	0
##	[426,]	0.000000e+00	0.000000e+00	0	0
##	[427,]	0.000000e+00	0.000000e+00	0	0
##	[428,]	0.000000e+00	0.000000e+00	0	0
##	[429,]	8.335690e+05	0.000000e+00	0	0
##	[430,]	0.000000e+00	0.000000e+00	0	0
##	[431,]	0.000000e+00	0.000000e+00	0	0
##	[432,]	0.000000e+00	0.000000e+00	0	0
##	[433,]	0.000000e+00	0.000000e+00	0	0
##	[434,]	0.000000e+00	0.000000e+00	0	0
##	[435,]	0.000000e+00	0.000000e+00	0	0
##	[436,]	0.000000e+00	0.000000e+00	0	0
##	[437,]	0.000000e+00	0.000000e+00	0	0
##	[438,]	0.000000e+00	0.000000e+00	0	0
##	[439,]	0.000000e+00	0.000000e+00	0	0
##	[440,]	0.000000e+00	0.000000e+00	0	0
##	[441,]	0.000000e+00	0.000000e+00	0	0
##	[442,]	0.000000e+00	0.000000e+00	0	0
##	[443,]	0.000000e+00	0.000000e+00	0	0
##	[444,]	0.000000e+00	0.000000e+00	0	0
##	[445,]	0.000000e+00	0.000000e+00	0	0
##	[446,]	2.798410e+05	0.000000e+00	0	0
##	[447,]	0.000000e+00	0.000000e+00	0	0
##	[448,]	0.000000e+00	0.000000e+00	0	0
##	[449,]	0.000000e+00	0.000000e+00	0	0
##	[450,]	0.000000e+00	0.000000e+00	0	0
##	[451,]	0.000000e+00	0.000000e+00	0	0
##	[452,]	0.000000e+00	0.000000e+00	0	0
##	[453,]	0.000000e+00	0.000000e+00	0	0
##	[454,]	0.000000e+00	0.000000e+00	0	0
##	[455,]	0.000000e+00	0.000000e+00	0	0
##	[456,]	0.000000e+00	0.000000e+00	0	0
##	[457,]	0.000000e+00	0.000000e+00	0	0
##	[458,]	2.294410e+05	0.000000e+00	0	0
##	[459,]	0.000000e+00	0.000000e+00	0	0
##	[460,]	0.000000e+00	0.000000e+00	0	0
##	[461,]	0.000000e+00	0.000000e+00	0	0
##	[462,]	0.000000e+00	0.000000e+00	0	0
##	[463,]	2.137444e+06	0.000000e+00	0	0
##	[464,]	0.000000e+00	0.000000e+00	0	0
##	[465,]	0.000000e+00	0.000000e+00	0	0
##	[466,]	0.000000e+00	0.000000e+00	0	0
##	[467,]	0.000000e+00	0.000000e+00	0	0
##	[468,]	0.000000e+00	0.000000e+00	0	0
##	[469,]	0.000000e+00	0.000000e+00	0	0
##	[470,]	0.000000e+00	0.000000e+00	0	0
##	[471,]	0.000000e+00	0.000000e+00	0	0
##	[472,]	0.000000e+00	0.000000e+00	0	0
##	[473,]	0.000000e+00	0.000000e+00	0	0
##	[474,]	0.000000e+00	0.000000e+00	0	0
##	[475,]	1.600000e+01	0.000000e+00	0	0
##	[476,]	0.000000e+00	0.000000e+00	0	0
##	[477,]	0.000000e+00	0.000000e+00	0	0
##	[478,]	0.000000e+00	0.000000e+00	0	0

##	[533,]	3.801956e+07	1.000000e+00	0	0
##	[534,]	0.000000e+00	0.000000e+00	0	0
##	[535,]	0.000000e+00	0.000000e+00	0	0
##	[536,]	0.000000e+00	0.000000e+00	0	0
##	[537,]	0.000000e+00	0.000000e+00	0	0
##	[538,]	0.000000e+00	0.000000e+00	0	0
##	[539,]	1.000000e+00	0.000000e+00	0	0
##	[540,]	0.000000e+00	0.000000e+00	0	0
##	[541,]	0.000000e+00	0.000000e+00	0	0
##	[542,]	0.000000e+00	0.000000e+00	0	0
##	[543,]	0.000000e+00	0.000000e+00	0	0
##	[544,]	0.000000e+00	0.000000e+00	0	0
##	[545,]	0.000000e+00	0.000000e+00	0	0
##	[546,]	0.000000e+00	0.000000e+00	0	0
##	[547,]	0.000000e+00	0.000000e+00	0	0
##	[548,]	1.733057e+07	0.000000e+00	0	0
##	[549,]	0.000000e+00	0.000000e+00	0	0
##	[550,]	0.000000e+00	0.000000e+00	0	0
##	[551,]	0.000000e+00	0.000000e+00	0	0
##	[552,]	0.000000e+00	0.000000e+00	0	0
##	[553,]	0.000000e+00	0.000000e+00	0	0
##	[554,]	0.000000e+00	0.000000e+00	0	0
##	[555,]	0.000000e+00	0.000000e+00	0	0
##	[556,]	0.000000e+00	0.000000e+00	0	0
##	[557,]	0.000000e+00	0.000000e+00	0	0
##	[558,]	0.000000e+00	0.000000e+00	0	0
##	[559,]	0.000000e+00	0.000000e+00	0	0
##	[560,]	0.000000e+00	0.000000e+00	0	0
##	[561,]	0.000000e+00	0.000000e+00	0	0
##	[562,]	0.000000e+00	0.000000e+00	0	0
##	[563,]	0.000000e+00	0.000000e+00	0	0
##	[564,]	0.000000e+00	0.000000e+00	0	0
##	[565,]	0.000000e+00	0.000000e+00	0	0
##	[566,]	0.000000e+00	0.000000e+00	0	0
##	[567,]	0.000000e+00	0.000000e+00	0	0
##	[568,]	0.000000e+00	0.000000e+00	0	0
##	[569,]	4.012009e+06	1.000000e+00	0	0
##	[570,]	0.000000e+00	0.000000e+00	0	0
##	[571,]	0.000000e+00	0.000000e+00	0	0
##	[572,]	0.000000e+00	0.000000e+00	0	0
##	[573,]	0.000000e+00	0.000000e+00	0	0
##	[574,]	0.000000e+00	0.000000e+00	0	0
##	[575,]	0.000000e+00	0.000000e+00	0	0
##	[576,]	1.575025e+06	0.000000e+00	0	0
##	[577,]	0.000000e+00	0.000000e+00	0	0
##	[578,]	0.000000e+00	0.000000e+00	0	0
##	[579,]	0.000000e+00	0.000000e+00	0	0
##	[580,]	0.000000e+00	0.000000e+00	0	0
##	[581,]	0.000000e+00	0.000000e+00	0	0
##	[582,]	0.000000e+00	0.000000e+00	0	0
##	[583,]	0.000000e+00	0.000000e+00	0	0
##	[584,]	0.000000e+00	0.000000e+00	0	0
##	[585,]	0.000000e+00	0.000000e+00	0	0
##	[586,]	0.000000e+00	0.000000e+00	0	0

##	[587,]	1.185425e+07	0.000000e+00	0	0
##	[588,]	0.000000e+00	0.000000e+00	0	0
##	[589,]	0.000000e+00	0.000000e+00	0	0
##	[590,]	0.000000e+00	0.000000e+00	0	0
##	[591,]	0.000000e+00	0.000000e+00	0	0
##	[592,]	0.000000e+00	0.000000e+00	0	0
##	[593,]	0.000000e+00	0.000000e+00	0	0
##	[594,]	0.000000e+00	0.000000e+00	0	0
##	[595,]	0.000000e+00	0.000000e+00	0	0
##	[596,]	0.000000e+00	0.000000e+00	0	0
##	[597,]	0.000000e+00	0.000000e+00	0	0
##	[598,]	4.840000e+02	0.000000e+00	0	0
##	[599,]	0.000000e+00	0.000000e+00	0	0
##	[600,]	0.000000e+00	0.000000e+00	0	0
##	[601,]	2.500000e+01	0.000000e+00	0	0
##	[602,]	6.368838e+09	2.890000e+02	0	0
##	[603,]	0.000000e+00	0.000000e+00	0	0
##	[604,]	0.000000e+00	0.000000e+00	0	0
##	[605,]	4.000000e+00	0.000000e+00	0	0
##	[606,]	0.000000e+00	0.000000e+00	0	0
##	[607,]	0.000000e+00	0.000000e+00	0	0
##	[608,]	0.000000e+00	0.000000e+00	0	0
##	[609,]	0.000000e+00	0.000000e+00	0	0
##	[610,]	1.000000e+00	0.000000e+00	0	0
##	[611,]	0.000000e+00	0.000000e+00	0	0
##	[612,]	0.000000e+00	0.000000e+00	0	0
##	[613,]	0.000000e+00	0.000000e+00	0	0
##	[614,]	0.000000e+00	0.000000e+00	0	0
##	[615,]	0.000000e+00	0.000000e+00	0	0
##	[616,]	0.000000e+00	0.000000e+00	0	0
##	[617,]	0.000000e+00	0.000000e+00	0	0
##	[618,]	0.000000e+00	0.000000e+00	0	0
##	[619,]	0.000000e+00	0.000000e+00	0	0
##	[620,]	0.000000e+00	0.000000e+00	0	0
##	[621,]	0.000000e+00	0.000000e+00	0	0
##	[622,]	0.000000e+00	0.000000e+00	0	0
##	[623,]	0.000000e+00	0.000000e+00	0	0
##	[624,]	0.000000e+00	0.000000e+00	0	0
##	[625,]	0.000000e+00	0.000000e+00	0	0
##	[626,]	3.600000e+01	0.000000e+00	0	0
##	[627,]	0.000000e+00	0.000000e+00	0	0
##	[628,]	0.000000e+00	0.000000e+00	0	0
##	[629,]	0.000000e+00	0.000000e+00	0	0
##	[630,]	0.000000e+00	0.000000e+00	0	0
##	[631,]	0.000000e+00	0.000000e+00	0	0
##	[632,]	0.000000e+00	0.000000e+00	0	0
##	[633,]	0.000000e+00	0.000000e+00	0	0
##	[634,]	0.000000e+00	0.000000e+00	0	0
##	[635,]	0.000000e+00	0.000000e+00	0	0
##	[636,]	0.000000e+00	0.000000e+00	0	0
##	[637,]	0.000000e+00	0.000000e+00	0	0
##	[638,]	0.000000e+00	0.000000e+00	0	0
##	[639,]	0.000000e+00	0.000000e+00	0	0
##	[640,]	3.136000e+03	0.000000e+00	0	0

##	[641,]	0.000000e+00	0.000000e+00	0	0
##	[642,]	0.000000e+00	0.000000e+00	0	0
##	[643,]	0.000000e+00	0.000000e+00	0	0
##	[644,]	0.000000e+00	0.000000e+00	0	0
##	[645,]	0.000000e+00	0.000000e+00	0	0
##	[646,]	0.000000e+00	0.000000e+00	0	0
##	[647,]	0.000000e+00	0.000000e+00	0	0
##	[648,]	4.734976e+06	1.000000e+00	0	0
##	[649,]	0.000000e+00	0.000000e+00	0	0
##	[650,]	0.000000e+00	0.000000e+00	0	0
##	[651,]	0.000000e+00	0.000000e+00	0	0
##	[652,]	1.000000e+00	0.000000e+00	0	0
##	[653,]	6.212556e+08	2.500000e+01	0	0
##	[654,]	0.000000e+00	0.000000e+00	0	0
##	[655,]	0.000000e+00	0.000000e+00	0	0
##	[656,]	0.000000e+00	0.000000e+00	0	0
##	[657,]	0.000000e+00	0.000000e+00	0	0
##	[658,]	4.000000e+00	0.000000e+00	0	0
##	[659,]	0.000000e+00	0.000000e+00	0	0
##	[660,]	0.000000e+00	0.000000e+00	0	0
##	[661,]	0.000000e+00	0.000000e+00	0	0
##	[662,]	0.000000e+00	0.000000e+00	0	0
##	[663,]	3.049913e+08	1.600000e+01	0	0
##	[664,]	1.000000e+00	0.000000e+00	0	0
##	[665,]	0.000000e+00	0.000000e+00	0	0
##	[666,]	0.000000e+00	0.000000e+00	0	0
##	[667,]	0.000000e+00	0.000000e+00	0	0
##	[668,]	1.000000e+00	0.000000e+00	0	0
##	[669,]	0.000000e+00	0.000000e+00	0	0
##	[670,]	0.000000e+00	0.000000e+00	0	0
##	[671,]	0.000000e+00	0.000000e+00	0	0
##	[672,]	0.000000e+00	0.000000e+00	0	0
##	[673,]	0.000000e+00	0.000000e+00	0	0
##	[674,]	0.000000e+00	0.000000e+00	0	0
##	[675,]	0.000000e+00	0.000000e+00	0	0
##	[676,]	0.000000e+00	0.000000e+00	0	0
##	[677,]	0.000000e+00	0.000000e+00	0	0
##	[678,]	0.000000e+00	0.000000e+00	0	0
##	[679,]	0.000000e+00	0.000000e+00	0	0
##	[680,]	1.000000e+00	0.000000e+00	0	0
##	[681,]	0.000000e+00	0.000000e+00	0	0
##	[682,]	0.000000e+00	0.000000e+00	0	0
##	[683,]	0.000000e+00	0.000000e+00	0	0
##	[684,]	0.000000e+00	0.000000e+00	0	0
##	[685,]	0.000000e+00	0.000000e+00	0	0
##	[686,]	0.000000e+00	0.000000e+00	0	0
##	[687,]	1.000000e+00	0.000000e+00	0	0
##	[688,]	0.000000e+00	0.000000e+00	0	0
##	[689,]	8.230118e+07	1.000000e+00	0	0
##	[690,]	0.000000e+00	0.000000e+00	0	0
##	[691,]	0.000000e+00	0.000000e+00	0	0
##	[692,]	1.000000e+00	0.000000e+00	0	0
##	[693,]	0.000000e+00	0.000000e+00	0	0
##	[694,]	0.000000e+00	0.000000e+00	0	0

##	[695,]	0.000000e+00	0.000000e+00	0	0
##	[696,]	0.000000e+00	0.000000e+00	0	0
##	[697,]	0.000000e+00	0.000000e+00	0	0
##	[698,]	0.000000e+00	0.000000e+00	0	0
##	[699,]	0.000000e+00	0.000000e+00	0	0
##	[700,]	4.470260e+07	1.000000e+00	0	0
##	[701,]	0.000000e+00	0.000000e+00	0	0
##	[702,]	1.000000e+00	0.000000e+00	0	0
##	[703,]	0.000000e+00	0.000000e+00	0	0
##	[704,]	0.000000e+00	0.000000e+00	0	0
##	[705,]	3.795483e+08	2.500000e+01	0	0
##	[706,]	0.000000e+00	0.000000e+00	0	0
##	[707,]	0.000000e+00	0.000000e+00	0	0
##	[708,]	0.000000e+00	0.000000e+00	0	0
##	[709,]	0.000000e+00	0.000000e+00	0	0
##	[710,]	0.000000e+00	0.000000e+00	0	0
##	[711,]	3.969000e+03	0.000000e+00	0	0
##	[712,]	0.000000e+00	0.000000e+00	0	0
##	[713,]	0.000000e+00	0.000000e+00	0	0
##	[714,]	0.000000e+00	0.000000e+00	0	0
##	[715,]	0.000000e+00	0.000000e+00	0	0
##	[716,]	0.000000e+00	0.000000e+00	0	0
##	[717,]	0.000000e+00	0.000000e+00	0	0
##	[718,]	0.000000e+00	0.000000e+00	0	0
##	[719,]	0.000000e+00	0.000000e+00	0	0
##	[720,]	0.000000e+00	0.000000e+00	0	0
##	[721,]	7.857759e+09	4.000000e+02	1	0
##	[722,]	0.000000e+00	0.000000e+00	0	0
##	[723,]	0.000000e+00	0.000000e+00	0	0
##	[724,]	1.000000e+00	0.000000e+00	0	0
##	[725,]	0.000000e+00	0.000000e+00	0	0
##	[726,]	0.000000e+00	0.000000e+00	0	0
##	[727,]	0.000000e+00	0.000000e+00	0	0
##	[728,]	9.000000e+00	0.000000e+00	0	0
##	[729,]	9.000000e+00	0.000000e+00	0	0
##	[730,]	1.040400e+04	0.000000e+00	0	0
##	[731,]	0.000000e+00	0.000000e+00	0	0
##	[732,]	0.000000e+00	0.000000e+00	0	0
##	[733,]	0.000000e+00	0.000000e+00	0	0
##	[734,]	0.000000e+00	0.000000e+00	0	0
##	[735,]	0.000000e+00	0.000000e+00	0	0
##	[736,]	0.000000e+00	0.000000e+00	0	0
##	[737,]	0.000000e+00	0.000000e+00	0	0
##	[738,]	0.000000e+00	0.000000e+00	0	0
##	[739,]	0.000000e+00	0.000000e+00	0	0
##	[740,]	0.000000e+00	0.000000e+00	0	0
##	[741,]	0.000000e+00	0.000000e+00	0	0
##	[742,]	0.000000e+00	0.000000e+00	0	0
##	[743,]	0.000000e+00	0.000000e+00	0	0
##	[744,]	0.000000e+00	0.000000e+00	0	0
##	[745,]	0.000000e+00	0.000000e+00	0	0
##	[746,]	0.000000e+00	0.000000e+00	0	0
##	[747,]	0.000000e+00	0.000000e+00	0	0
##	[748,]	0.000000e+00	0.000000e+00	0	0

##	[749,]	0.000000e+00	0.000000e+00	0	0
##	[750,]	0.000000e+00	0.000000e+00	0	0
##	[751,]	0.000000e+00	0.000000e+00	0	0
##	[752,]	0.000000e+00	0.000000e+00	0	0
##	[753,]	0.000000e+00	0.000000e+00	0	0
##	[754,]	0.000000e+00	0.000000e+00	0	0
##	[755,]	1.156000e+03	0.000000e+00	0	0
##	[756,]	0.000000e+00	0.000000e+00	0	0
##	[757,]	0.000000e+00	0.000000e+00	0	0
##	[758,]	0.000000e+00	0.000000e+00	0	0
##	[759,]	0.000000e+00	0.000000e+00	0	0
##	[760,]	0.000000e+00	0.000000e+00	0	0
##	[761,]	7.524049e+06	0.000000e+00	0	0
##	[762,]	1.000000e+00	0.000000e+00	0	0
##	[763,]	0.000000e+00	0.000000e+00	0	0
##	[764,]	1.000000e+00	0.000000e+00	0	0
##	[765,]	0.000000e+00	0.000000e+00	0	0
##	[766,]	0.000000e+00	0.000000e+00	0	0
##	[767,]	0.000000e+00	0.000000e+00	0	0
##	[768,]	0.000000e+00	0.000000e+00	0	0
##	[769,]	0.000000e+00	0.000000e+00	0	0
##	[770,]	0.000000e+00	0.000000e+00	0	0
##	[771,]	0.000000e+00	0.000000e+00	0	0
##	[772,]	1.000000e+00	0.000000e+00	0	0
##	[773,]	1.000000e+00	0.000000e+00	0	0
##	[774,]	6.400000e+01	0.000000e+00	0	0
##	[775,]	0.000000e+00	0.000000e+00	0	0
##	[776,]	0.000000e+00	0.000000e+00	0	0
##	[777,]	0.000000e+00	0.000000e+00	0	0
##	[778,]	8.172166e+08	1.600000e+01	0	0
##	[779,]	0.000000e+00	0.000000e+00	0	0
##	[780,]	0.000000e+00	0.000000e+00	0	0
##	[781,]	0.000000e+00	0.000000e+00	0	0
##	[782,]	0.000000e+00	0.000000e+00	0	0
##	[783,]	1.000000e+00	0.000000e+00	0	0
##	[784,]	0.000000e+00	0.000000e+00	0	0
##	[785,]	1.000000e+02	0.000000e+00	0	0
##	[786,]	3.323694e+08	1.000000e+00	1	0
##	[787,]	0.000000e+00	0.000000e+00	0	0
##	[788,]	0.000000e+00	0.000000e+00	0	0
##	[789,]	1.000000e+00	0.000000e+00	0	0
##	[790,]	0.000000e+00	0.000000e+00	0	0
##	[791,]	0.000000e+00	0.000000e+00	0	0
##	[792,]	0.000000e+00	0.000000e+00	0	0
##	[793,]	0.000000e+00	0.000000e+00	0	0
##	[794,]	0.000000e+00	0.000000e+00	0	0
##	[795,]	0.000000e+00	0.000000e+00	0	0
##	[796,]	0.000000e+00	0.000000e+00	0	0
##	[797,]	0.000000e+00	0.000000e+00	0	0
##	[798,]	0.000000e+00	0.000000e+00	0	0
##	[799,]	0.000000e+00	0.000000e+00	0	0
##	[800,]	0.000000e+00	0.000000e+00	0	0
##	[801,]	0.000000e+00	0.000000e+00	0	0
##	[802,]	0.000000e+00	0.000000e+00	0	0

##	[803,]	0.000000e+00	0.000000e+00	0	0
##	[804,]	0.000000e+00	0.000000e+00	0	0
##	[805,]	6.784817e+07	0.000000e+00	0	0
##	[806,]	4.900000e+01	0.000000e+00	0	0
##	[807,]	0.000000e+00	0.000000e+00	0	0
##	[808,]	0.000000e+00	0.000000e+00	0	0
##	[809,]	0.000000e+00	0.000000e+00	0	0
##	[810,]	0.000000e+00	0.000000e+00	0	0
##	[811,]	0.000000e+00	0.000000e+00	0	0
##	[812,]	0.000000e+00	0.000000e+00	0	0
##	[813,]	0.000000e+00	0.000000e+00	0	0
##	[814,]	4.900000e+01	0.000000e+00	0	0
##	[815,]	0.000000e+00	0.000000e+00	0	0
##	[816,]	0.000000e+00	0.000000e+00	0	0
##	[817,]	0.000000e+00	0.000000e+00	0	0
##	[818,]	0.000000e+00	0.000000e+00	0	0
##	[819,]	3.735654e+07	9.000000e+00	0	0
##	[820,]	0.000000e+00	0.000000e+00	0	0
##	[821,]	1.000000e+00	0.000000e+00	0	0
##	[822,]	1.000000e+00	0.000000e+00	0	0
##	[823,]	6.117708e+08	1.440000e+02	0	0
##	[824,]	0.000000e+00	0.000000e+00	0	0
##	[825,]	0.000000e+00	0.000000e+00	0	0
##	[826,]	0.000000e+00	0.000000e+00	0	0
##	[827,]	0.000000e+00	0.000000e+00	0	0
##	[828,]	4.761000e+03	0.000000e+00	0	0
##	[829,]	0.000000e+00	0.000000e+00	0	0
##	[830,]	0.000000e+00	0.000000e+00	0	0
##	[831,]	0.000000e+00	0.000000e+00	0	0
##	[832,]	0.000000e+00	0.000000e+00	0	0
##	[833,]	0.000000e+00	0.000000e+00	0	0
##	[834,]	0.000000e+00	0.000000e+00	0	0
##	[835,]	0.000000e+00	0.000000e+00	0	0
##	[836,]	1.156000e+03	0.000000e+00	0	0
##	[837,]	0.000000e+00	0.000000e+00	0	0
##	[838,]	0.000000e+00	0.000000e+00	0	0
##	[839,]	0.000000e+00	0.000000e+00	0	0
##	[840,]	0.000000e+00	0.000000e+00	0	0
##	[841,]	1.568398e+09	3.600000e+01	0	0
##	[842,]	0.000000e+00	0.000000e+00	0	0
##	[843,]	5.475600e+04	0.000000e+00	0	0
##	[844,]	0.000000e+00	0.000000e+00	0	0
##	[845,]	0.000000e+00	0.000000e+00	0	0
##	[846,]	9.000000e+00	0.000000e+00	0	0
##	[847,]	0.000000e+00	0.000000e+00	0	0
##	[848,]	0.000000e+00	0.000000e+00	0	0
##	[849,]	0.000000e+00	0.000000e+00	0	0
##	[850,]	0.000000e+00	0.000000e+00	0	0
##	[851,]	0.000000e+00	0.000000e+00	0	0
##	[852,]	0.000000e+00	0.000000e+00	0	0
##	[853,]	1.000000e+00	0.000000e+00	0	0
##	[854,]	0.000000e+00	0.000000e+00	0	0
##	[855,]	0.000000e+00	0.000000e+00	0	0
##	[856,]	0.000000e+00	0.000000e+00	0	0

##	[857,]	0.000000e+00	0.000000e+00	0	0
##	[858,]	0.000000e+00	0.000000e+00	0	0
##	[859,]	0.000000e+00	0.000000e+00	0	0
##	[860,]	0.000000e+00	0.000000e+00	0	0
##	[861,]	0.000000e+00	0.000000e+00	0	0
##	[862,]	0.000000e+00	0.000000e+00	0	0
##	[863,]	0.000000e+00	0.000000e+00	0	0
##	[864,]	0.000000e+00	0.000000e+00	0	0
##	[865,]	0.000000e+00	0.000000e+00	0	0
##	[866,]	0.000000e+00	0.000000e+00	0	0
##	[867,]	0.000000e+00	0.000000e+00	0	0
##	[868,]	0.000000e+00	0.000000e+00	0	0
##	[869,]	0.000000e+00	0.000000e+00	0	0
##	[870,]	0.000000e+00	0.000000e+00	0	0
##	[871,]	0.000000e+00	0.000000e+00	0	0
##	[872,]	0.000000e+00	0.000000e+00	0	0
##	[873,]	0.000000e+00	0.000000e+00	0	0
##	[874,]	0.000000e+00	0.000000e+00	0	0
##	[875,]	0.000000e+00	0.000000e+00	0	0
##	[876,]	0.000000e+00	0.000000e+00	0	0
##	[877,]	0.000000e+00	0.000000e+00	0	0
##	[878,]	1.690000e+02	0.000000e+00	0	0
##	[879,]	0.000000e+00	0.000000e+00	0	0
##	[880,]	0.000000e+00	0.000000e+00	0	0
##	[881,]	0.000000e+00	0.000000e+00	0	0
##	[882,]	4.410000e+02	0.000000e+00	0	0
##	[883,]	0.000000e+00	0.000000e+00	0	0
##	[884,]	0.000000e+00	0.000000e+00	0	0
##	[885,]	0.000000e+00	0.000000e+00	0	0
##	[886,]	1.940449e+06	0.000000e+00	0	0
##	[887,]	0.000000e+00	0.000000e+00	0	0
##	[888,]	0.000000e+00	0.000000e+00	0	0
##	[889,]	0.000000e+00	0.000000e+00	0	0
##	[890,]	0.000000e+00	0.000000e+00	0	0
##	[891,]	0.000000e+00	0.000000e+00	0	0
##	[892,]	1.368900e+04	0.000000e+00	0	0
##	[893,]	0.000000e+00	0.000000e+00	0	0
##	[894,]	0.000000e+00	0.000000e+00	0	0
##	[895,]	0.000000e+00	0.000000e+00	0	0
##	[896,]	1.119364e+08	4.000000e+00	0	0
##	[897,]	0.000000e+00	0.000000e+00	0	0
##	[898,]	0.000000e+00	0.000000e+00	0	0
##	[899,]	0.000000e+00	0.000000e+00	0	0
##	[900,]	0.000000e+00	0.000000e+00	0	0
##	[901,]	0.000000e+00	0.000000e+00	0	0
##	[902,]	0.000000e+00	0.000000e+00	0	0
##	[903,]	0.000000e+00	0.000000e+00	0	0
##	[904,]	0.000000e+00	0.000000e+00	0	0
##	[905,]	0.000000e+00	0.000000e+00	0	0
##	[906,]	0.000000e+00	0.000000e+00	0	0
##	[907,]	0.000000e+00	0.000000e+00	0	0
##	[908,]	3.364000e+03	0.000000e+00	0	0
##	[909,]	0.000000e+00	0.000000e+00	0	0
##	[910,]	4.719690e+07	4.000000e+00	0	0

##	[911,]	0.000000e+00	0.000000e+00	0	0
##	[912,]	0.000000e+00	0.000000e+00	0	0
##	[913,]	0.000000e+00	0.000000e+00	0	0
##	[914,]	0.000000e+00	0.000000e+00	0	0
##	[915,]	0.000000e+00	0.000000e+00	0	0
##	[916,]	0.000000e+00	0.000000e+00	0	0
##	[917,]	0.000000e+00	0.000000e+00	0	0
##	[918,]	0.000000e+00	0.000000e+00	0	0
##	[919,]	0.000000e+00	0.000000e+00	0	0
##	[920,]	0.000000e+00	0.000000e+00	0	0
##	[921,]	0.000000e+00	0.000000e+00	0	0
##	[922,]	0.000000e+00	0.000000e+00	0	0
##	[923,]	0.000000e+00	0.000000e+00	0	0
##	[924,]	0.000000e+00	0.000000e+00	0	0
##	[925,]	0.000000e+00	0.000000e+00	0	0
##	[926,]	0.000000e+00	0.000000e+00	0	0
##	[927,]	1.005524e+07	0.000000e+00	0	0
##	[928,]	0.000000e+00	0.000000e+00	0	0
##	[929,]	2.250000e+02	0.000000e+00	0	0
##	[930,]	0.000000e+00	0.000000e+00	0	0
##	[931,]	0.000000e+00	0.000000e+00	0	0
##	[932,]	0.000000e+00	0.000000e+00	0	0
##	[933,]	1.000000e+02	0.000000e+00	0	0
##	[934,]	0.000000e+00	0.000000e+00	0	0
##	[935,]	0.000000e+00	0.000000e+00	0	0
##	[936,]	0.000000e+00	0.000000e+00	0	0
##	[937,]	8.133904e+06	1.000000e+00	0	0
##	[938,]	0.000000e+00	0.000000e+00	0	0
##	[939,]	0.000000e+00	0.000000e+00	0	0
##	[940,]	0.000000e+00	0.000000e+00	0	0
##	[941,]	2.171792e+08	1.000000e+00	0	0
##	[942,]	0.000000e+00	0.000000e+00	0	0
##	[943,]	0.000000e+00	0.000000e+00	0	0
##	[944,]	9.000000e+00	0.000000e+00	0	0
##	[945,]	0.000000e+00	0.000000e+00	0	0
##	[946,]	0.000000e+00	0.000000e+00	0	0
##	[947,]	0.000000e+00	0.000000e+00	0	0
##	[948,]	0.000000e+00	0.000000e+00	0	0
##	[949,]	1.690000e+02	0.000000e+00	0	0
##	[950,]	0.000000e+00	0.000000e+00	0	0
##	[951,]	0.000000e+00	0.000000e+00	0	0
##	[952,]	1.960000e+02	0.000000e+00	0	0
##	[953,]	0.000000e+00	0.000000e+00	0	0
##	[954,]	0.000000e+00	0.000000e+00	0	0
##	[955,]	0.000000e+00	0.000000e+00	0	0
##	[956,]	0.000000e+00	0.000000e+00	0	0
##	[957,]	0.000000e+00	0.000000e+00	0	0
##	[958,]	0.000000e+00	0.000000e+00	0	0
##	[959,]	0.000000e+00	0.000000e+00	0	0
##	[960,]	0.000000e+00	0.000000e+00	0	0
##	[961,]	0.000000e+00	0.000000e+00	0	0
##	[962,]	1.210000e+02	0.000000e+00	0	0
##	[963,]	3.048865e+08	8.100000e+01	0	0
##	[964,]	0.000000e+00	0.000000e+00	0	0

##	[965,]	0.000000e+00	0.000000e+00	0	0
##	[966,]	4.000000e+00	0.000000e+00	0	0
##	[967,]	0.000000e+00	0.000000e+00	0	0
##	[968,]	0.000000e+00	0.000000e+00	0	0
##	[969,]	0.000000e+00	0.000000e+00	0	0
##	[970,]	1.578473e+07	0.000000e+00	0	0
##	[971,]	0.000000e+00	0.000000e+00	0	0
##	[972,]	0.000000e+00	0.000000e+00	0	0
##	[973,]	0.000000e+00	0.000000e+00	0	0
##	[974,]	0.000000e+00	0.000000e+00	0	0
##	[975,]	0.000000e+00	0.000000e+00	0	0
##	[976,]	0.000000e+00	0.000000e+00	0	0
##	[977,]	0.000000e+00	0.000000e+00	0	0
##	[978,]	0.000000e+00	0.000000e+00	0	0
##	[979,]	0.000000e+00	0.000000e+00	0	0
##	[980,]	0.000000e+00	0.000000e+00	0	0
##	[981,]	0.000000e+00	0.000000e+00	0	0
##	[982,]	0.000000e+00	0.000000e+00	0	0
##	[983,]	0.000000e+00	0.000000e+00	0	0
##	[984,]	0.000000e+00	0.000000e+00	0	0
##	[985,]	1.000000e+00	0.000000e+00	0	0
##	[986,]	0.000000e+00	0.000000e+00	0	0
##	[987,]	0.000000e+00	0.000000e+00	0	0
##	[988,]	0.000000e+00	0.000000e+00	0	0
##	[989,]	0.000000e+00	0.000000e+00	0	0
##	[990,]	0.000000e+00	0.000000e+00	0	0
##	[991,]	0.000000e+00	0.000000e+00	0	0
##	[992,]	0.000000e+00	0.000000e+00	0	0
##	[993,]	0.000000e+00	0.000000e+00	0	0
##	[994,]	0.000000e+00	0.000000e+00	0	0
##	[995,]	0.000000e+00	0.000000e+00	0	0
##	[996,]	0.000000e+00	0.000000e+00	0	0
##	[997,]	4.410000e+02	0.000000e+00	0	0
##	[998,]	0.000000e+00	0.000000e+00	0	0
##	[999,]	0.000000e+00	0.000000e+00	0	0
##	[1000,]	0.000000e+00	0.000000e+00	0	0
##	[1001,]	8.464000e+03	0.000000e+00	0	0
##	[1002,]	0.000000e+00	0.000000e+00	0	0
##	[1003,]	0.000000e+00	0.000000e+00	0	0
##	[1004,]	0.000000e+00	0.000000e+00	0	0
##	[1005,]	6.756840e+05	0.000000e+00	0	0
##	[1006,]	0.000000e+00	0.000000e+00	0	0
##	[1007,]	0.000000e+00	0.000000e+00	0	0
##	[1008,]	0.000000e+00	0.000000e+00	0	0
##	[1009,]	0.000000e+00	0.000000e+00	0	0
##	[1010,]	0.000000e+00	0.000000e+00	0	0
##	[1011,]	0.000000e+00	0.000000e+00	0	0
##	[1012,]	0.000000e+00	0.000000e+00	0	0
##	[1013,]	1.600000e+01	0.000000e+00	0	0
##	[1014,]	0.000000e+00	0.000000e+00	0	0
##	[1015,]	0.000000e+00	0.000000e+00	0	0
##	[1016,]	2.553604e+06	0.000000e+00	0	0
##	[1017,]	3.906250e+07	4.000000e+00	0	0
##	[1018,]	0.000000e+00	0.000000e+00	0	0

##	[1019,]	0.000000e+00	0.000000e+00	0	0
##	[1020,]	0.000000e+00	0.000000e+00	0	0
##	[1021,]	0.000000e+00	0.000000e+00	0	0
##	[1022,]	2.500000e+01	0.000000e+00	0	0
##	[1023,]	1.852442e+07	9.000000e+00	0	0
##	[1024,]	0.000000e+00	0.000000e+00	0	0
##	[1025,]	0.000000e+00	0.000000e+00	0	0
##	[1026,]	0.000000e+00	0.000000e+00	0	0
##	[1027,]	0.000000e+00	0.000000e+00	0	0
##	[1028,]	0.000000e+00	0.000000e+00	0	0
##	[1029,]	0.000000e+00	0.000000e+00	0	0
##	[1030,]	9.254440e+05	0.000000e+00	0	0
##	[1031,]	0.000000e+00	0.000000e+00	0	0
##	[1032,]	0.000000e+00	0.000000e+00	0	0
##	[1033,]	0.000000e+00	0.000000e+00	0	0
##	[1034,]	0.000000e+00	0.000000e+00	0	0
##	[1035,]	0.000000e+00	0.000000e+00	0	0
##	[1036,]	0.000000e+00	0.000000e+00	0	0
##	[1037,]	0.000000e+00	0.000000e+00	0	0
##	[1038,]	0.000000e+00	0.000000e+00	0	0
##	[1039,]	0.000000e+00	0.000000e+00	0	0
##	[1040,]	0.000000e+00	0.000000e+00	0	0
##	[1041,]	0.000000e+00	0.000000e+00	0	0
##	[1042,]	0.000000e+00	0.000000e+00	0	0
##	[1043,]	0.000000e+00	0.000000e+00	0	0
##	[1044,]	0.000000e+00	0.000000e+00	0	0
##	[1045,]	0.000000e+00	0.000000e+00	0	0
##	[1046,]	0.000000e+00	0.000000e+00	0	0
##	[1047,]	0.000000e+00	0.000000e+00	0	0
##	[1048,]	0.000000e+00	0.000000e+00	0	0
##	[1049,]	4.032064e+06	1.000000e+00	0	0
##	[1050,]	5.550250e+05	0.000000e+00	0	0
##	[1051,]	0.000000e+00	0.000000e+00	0	0
##	[1052,]	1.522756e+06	1.000000e+00	0	0
##	[1053,]	0.000000e+00	0.000000e+00	0	0
##	[1054,]	2.890000e+04	0.000000e+00	0	0
##	[1055,]	0.000000e+00	0.000000e+00	0	0
##	[1056,]	0.000000e+00	0.000000e+00	0	0
##	[1057,]	0.000000e+00	0.000000e+00	0	0
##	[1058,]	0.000000e+00	0.000000e+00	0	0
##	[1059,]	0.000000e+00	0.000000e+00	0	0
##	[1060,]	0.000000e+00	0.000000e+00	0	0
##	[1061,]	8.082649e+06	4.000000e+00	0	0
##	[1062,]	0.000000e+00	0.000000e+00	0	0
##	[1063,]	0.000000e+00	0.000000e+00	0	0
##	[1064,]	0.000000e+00	0.000000e+00	0	0
##	[1065,]	1.648360e+05	0.000000e+00	0	0
##	[1066,]	4.000000e+00	0.000000e+00	0	0
##	[1067,]	0.000000e+00	0.000000e+00	0	0
##	[1068,]	0.000000e+00	0.000000e+00	0	0
##	[1069,]	0.000000e+00	0.000000e+00	0	0
##	[1070,]	4.000000e+00	0.000000e+00	0	0
##	[1071,]	0.000000e+00	0.000000e+00	0	0
##	[1072,]	0.000000e+00	0.000000e+00	0	0

##	[1073,]	0.000000e+00	0.000000e+00	0	0
##	[1074,]	0.000000e+00	0.000000e+00	0	0
##	[1075,]	4.840000e+02	0.000000e+00	0	0
##	[1076,]	0.000000e+00	0.000000e+00	0	0
##	[1077,]	0.000000e+00	0.000000e+00	0	0
##	[1078,]	0.000000e+00	0.000000e+00	0	0
##	[1079,]	0.000000e+00	0.000000e+00	0	0
##	[1080,]	0.000000e+00	0.000000e+00	0	0
##	[1081,]	0.000000e+00	0.000000e+00	0	0
##	[1082,]	0.000000e+00	0.000000e+00	0	0
##	[1083,]	1.884305e+08	2.500000e+01	0	0
##	[1084,]	0.000000e+00	0.000000e+00	0	0
##	[1085,]	0.000000e+00	0.000000e+00	0	0
##	[1086,]	0.000000e+00	0.000000e+00	0	0
##	[1087,]	0.000000e+00	0.000000e+00	0	0
##	[1088,]	0.000000e+00	0.000000e+00	0	0
##	[1089,]	2.137444e+06	4.000000e+00	0	0
##	[1090,]	1.690000e+02	1.000000e+00	0	0
##	[1091,]	0.000000e+00	0.000000e+00	0	0
##	[1092,]	0.000000e+00	0.000000e+00	0	0
##	[1093,]	0.000000e+00	0.000000e+00	0	0
##	[1094,]	0.000000e+00	0.000000e+00	0	0
##	[1095,]	0.000000e+00	0.000000e+00	0	0
##	[1096,]	0.000000e+00	0.000000e+00	0	0
##	[1097,]	0.000000e+00	0.000000e+00	0	0
##	[1098,]	0.000000e+00	0.000000e+00	0	0
##	[1099,]	0.000000e+00	0.000000e+00	0	0
##	[1100,]	0.000000e+00	0.000000e+00	0	0
##	[1101,]	0.000000e+00	0.000000e+00	0	0
##	[1102,]	0.000000e+00	0.000000e+00	0	0
##	[1103,]	0.000000e+00	0.000000e+00	0	0
##	[1104,]	0.000000e+00	0.000000e+00	0	0
##	[1105,]	0.000000e+00	0.000000e+00	0	0
##	[1106,]	0.000000e+00	0.000000e+00	0	0
##	[1107,]	0.000000e+00	0.000000e+00	0	0
##	[1108,]	0.000000e+00	0.000000e+00	0	0
##	[1109,]	0.000000e+00	0.000000e+00	0	0
##	[1110,]	0.000000e+00	0.000000e+00	0	0
##	[1111,]	0.000000e+00	0.000000e+00	0	0
##	[1112,]	0.000000e+00	0.000000e+00	0	0
##	[1113,]	0.000000e+00	0.000000e+00	0	0
##	[1114,]	0.000000e+00	0.000000e+00	0	0
##	[1115,]	0.000000e+00	0.000000e+00	0	0
##	[1116,]	1.960000e+02	0.000000e+00	0	0
##	[1117,]	0.000000e+00	0.000000e+00	0	0
##	[1118,]	0.000000e+00	0.000000e+00	0	0
##	[1119,]	0.000000e+00	0.000000e+00	0	0
##	[1120,]	0.000000e+00	0.000000e+00	0	0
##	[1121,]	3.058090e+05	0.000000e+00	0	0
##	[1122,]	4.900000e+01	0.000000e+00	0	0
##	[1123,]	0.000000e+00	0.000000e+00	0	0
##	[1124,]	4.000000e+00	0.000000e+00	0	0
##	[1125,]	0.000000e+00	0.000000e+00	0	0
##	[1126,]	0.000000e+00	0.000000e+00	0	0

##	[1127,]	0.000000e+00	0.000000e+00	0	0
##	[1128,]	0.000000e+00	0.000000e+00	0	0
##	[1129,]	0.000000e+00	0.000000e+00	0	0
##	[1130,]	0.000000e+00	0.000000e+00	0	0
##	[1131,]	0.000000e+00	0.000000e+00	0	0
##	[1132,]	0.000000e+00	0.000000e+00	0	0
##	[1133,]	1.600000e+01	0.000000e+00	0	0
##	[1134,]	1.345600e+04	0.000000e+00	0	0
##	[1135,]	0.000000e+00	0.000000e+00	0	0
##	[1136,]	1.897474e+07	1.000000e+00	0	0
##	[1137,]	0.000000e+00	0.000000e+00	0	0
##	[1138,]	0.000000e+00	0.000000e+00	0	0
##	[1139,]	0.000000e+00	0.000000e+00	0	0
##	[1140,]	0.000000e+00	0.000000e+00	0	0
##	[1141,]	8.054244e+06	1.000000e+00	0	0
##	[1142,]	9.000000e+00	0.000000e+00	0	0
##	[1143,]	5.929000e+03	1.000000e+00	0	0
##	[1144,]	0.000000e+00	0.000000e+00	0	0
##	[1145,]	0.000000e+00	0.000000e+00	0	0
##	[1146,]	0.000000e+00	0.000000e+00	0	0
##	[1147,]	0.000000e+00	0.000000e+00	0	0
##	[1148,]	0.000000e+00	0.000000e+00	0	0
##	[1149,]	0.000000e+00	0.000000e+00	0	0
##	[1150,]	0.000000e+00	0.000000e+00	0	0
##	[1151,]	0.000000e+00	0.000000e+00	0	0
##	[1152,]	0.000000e+00	0.000000e+00	0	0
##	[1153,]	0.000000e+00	0.000000e+00	0	0
##	[1154,]	0.000000e+00	0.000000e+00	0	0
##	[1155,]	0.000000e+00	0.000000e+00	0	0
##	[1156,]	0.000000e+00	0.000000e+00	0	0
##	[1157,]	0.000000e+00	0.000000e+00	0	0
##	[1158,]	0.000000e+00	0.000000e+00	0	0
##	[1159,]	0.000000e+00	0.000000e+00	0	0
##	[1160,]	0.000000e+00	0.000000e+00	0	0
##	[1161,]	0.000000e+00	0.000000e+00	0	0
##	[1162,]	0.000000e+00	0.000000e+00	0	0
##	[1163,]	0.000000e+00	0.000000e+00	0	0
##	[1164,]	2.601000e+03	0.000000e+00	0	0
##	[1165,]	0.000000e+00	0.000000e+00	0	0
##	[1166,]	1.000000e+00	0.000000e+00	0	0
##	[1167,]	0.000000e+00	0.000000e+00	0	0
##	[1168,]	0.000000e+00	0.000000e+00	0	0
##	[1169,]	0.000000e+00	0.000000e+00	0	0
##	[1170,]	2.371600e+06	4.000000e+00	0	0
##	[1171,]	0.000000e+00	0.000000e+00	0	0
##	[1172,]	0.000000e+00	0.000000e+00	0	0
##	[1173,]	0.000000e+00	0.000000e+00	0	0
##	[1174,]	1.397124e+06	0.000000e+00	0	0
##	[1175,]	0.000000e+00	0.000000e+00	0	0
##	[1176,]	0.000000e+00	0.000000e+00	0	0
##	[1177,]	0.000000e+00	0.000000e+00	0	0
##	[1178,]	1.000000e+00	0.000000e+00	0	0
##	[1179,]	0.000000e+00	0.000000e+00	0	0
##	[1180,]	8.410000e+02	1.000000e+00	0	0

##	[1181,]	0.000000e+00	0.000000e+00	0	0
##	[1182,]	1.397124e+06	0.000000e+00	0	0
##	[1183,]	0.000000e+00	0.000000e+00	0	0
##	[1184,]	4.000000e+00	1.000000e+00	0	0
##	[1185,]	1.061456e+07	1.000000e+00	0	0
##	[1186,]	0.000000e+00	0.000000e+00	0	0
##	[1187,]	0.000000e+00	0.000000e+00	0	0
##	[1188,]	0.000000e+00	0.000000e+00	0	0
##	[1189,]	0.000000e+00	0.000000e+00	0	0
##	[1190,]	0.000000e+00	0.000000e+00	0	0
##	[1191,]	0.000000e+00	0.000000e+00	0	0
##	[1192,]	0.000000e+00	0.000000e+00	0	0
##	[1193,]	0.000000e+00	0.000000e+00	0	0
##	[1194,]	0.000000e+00	0.000000e+00	0	0
##	[1195,]	0.000000e+00	0.000000e+00	0	0
##	[1196,]	1.960000e+02	0.000000e+00	0	0
##	[1197,]	0.000000e+00	0.000000e+00	0	0
##	[1198,]	0.000000e+00	0.000000e+00	0	0
##	[1199,]	0.000000e+00	0.000000e+00	0	0
##	[1200,]	0.000000e+00	0.000000e+00	0	0
##	[1201,]	0.000000e+00	0.000000e+00	0	0
##	[1202,]	0.000000e+00	0.000000e+00	0	0
##	[1203,]	0.000000e+00	0.000000e+00	0	0
##	[1204,]	0.000000e+00	0.000000e+00	0	0
##	[1205,]	0.000000e+00	0.000000e+00	0	0
##	[1206,]	2.890000e+02	0.000000e+00	0	0
##	[1207,]	0.000000e+00	0.000000e+00	0	0
##	[1208,]	1.462298e+07	1.000000e+00	0	0
##	[1209,]	7.372311e+08	6.400000e+01	0	0
##	[1210,]	0.000000e+00	0.000000e+00	0	0
##	[1211,]	0.000000e+00	0.000000e+00	0	0
##	[1212,]	0.000000e+00	0.000000e+00	0	0
##	[1213,]	0.000000e+00	0.000000e+00	0	0
##	[1214,]	0.000000e+00	0.000000e+00	0	0
##	[1215,]	0.000000e+00	0.000000e+00	0	0
##	[1216,]	0.000000e+00	0.000000e+00	0	0
##	[1217,]	0.000000e+00	0.000000e+00	0	0
##	[1218,]	0.000000e+00	0.000000e+00	0	0
##	[1219,]	0.000000e+00	0.000000e+00	0	0
##	[1220,]	0.000000e+00	0.000000e+00	0	0
##	[1221,]	0.000000e+00	0.000000e+00	0	0
##	[1222,]	0.000000e+00	0.000000e+00	0	0
##	[1223,]	0.000000e+00	0.000000e+00	0	0
##	[1224,]	0.000000e+00	0.000000e+00	0	0
##	[1225,]	0.000000e+00	0.000000e+00	0	0
##	[1226,]	0.000000e+00	0.000000e+00	0	0
##	[1227,]	0.000000e+00	0.000000e+00	0	0
##	[1228,]	1.000000e+00	0.000000e+00	0	0
##	[1229,]	0.000000e+00	0.000000e+00	0	0
##	[1230,]	0.000000e+00	0.000000e+00	0	0
##	[1231,]	0.000000e+00	0.000000e+00	0	0
##	[1232,]	0.000000e+00	0.000000e+00	0	0
##	[1233,]	0.000000e+00	0.000000e+00	0	0
##	[1234,]	0.000000e+00	0.000000e+00	0	0

##	[1235,]	0.000000e+00	0.000000e+00	0	0
##	[1236,]	0.000000e+00	0.000000e+00	0	0
##	[1237,]	4.410000e+02	0.000000e+00	0	0
##	[1238,]	0.000000e+00	0.000000e+00	0	0
##	[1239,]	0.000000e+00	0.000000e+00	0	0
##	[1240,]	0.000000e+00	0.000000e+00	0	0
##	[1241,]	0.000000e+00	0.000000e+00	0	0
##	[1242,]	0.000000e+00	0.000000e+00	0	0
##	[1243,]	0.000000e+00	0.000000e+00	0	0
##	[1244,]	0.000000e+00	0.000000e+00	0	0
##	[1245,]	8.008900e+04	0.000000e+00	0	0
##	[1246,]	0.000000e+00	0.000000e+00	0	0
##	[1247,]	0.000000e+00	0.000000e+00	0	0
##	[1248,]	0.000000e+00	0.000000e+00	0	0
##	[1249,]	3.481000e+03	0.000000e+00	0	0
##	[1250,]	0.000000e+00	0.000000e+00	0	0
##	[1251,]	7.540516e+06	4.000000e+00	0	0
##	[1252,]	0.000000e+00	0.000000e+00	0	0
##	[1253,]	9.000000e+00	0.000000e+00	0	0
##	[1254,]	0.000000e+00	0.000000e+00	0	0
##	[1255,]	1.322500e+06	1.000000e+00	0	0
##	[1256,]	0.000000e+00	0.000000e+00	0	0
##	[1257,]	0.000000e+00	0.000000e+00	0	0
##	[1258,]	0.000000e+00	0.000000e+00	0	0
##	[1259,]	0.000000e+00	0.000000e+00	0	0
##	[1260,]	0.000000e+00	0.000000e+00	0	0
##	[1261,]	0.000000e+00	0.000000e+00	0	0
##	[1262,]	7.430440e+05	0.000000e+00	0	0
##	[1263,]	3.632836e+06	0.000000e+00	0	0
##	[1264,]	0.000000e+00	0.000000e+00	0	0
##	[1265,]	0.000000e+00	0.000000e+00	0	0
##	[1266,]	2.500000e+01	0.000000e+00	0	0
##	[1267,]	0.000000e+00	0.000000e+00	0	0
##	[1268,]	0.000000e+00	0.000000e+00	0	0
##	[1269,]	0.000000e+00	0.000000e+00	0	0
##	[1270,]	0.000000e+00	0.000000e+00	0	0
##	[1271,]	0.000000e+00	0.000000e+00	0	0
##	[1272,]	0.000000e+00	0.000000e+00	0	0
##	[1273,]	0.000000e+00	0.000000e+00	0	0
##	[1274,]	0.000000e+00	0.000000e+00	0	0
##	[1275,]	0.000000e+00	0.000000e+00	0	0
##	[1276,]	0.000000e+00	0.000000e+00	0	0
##	[1277,]	0.000000e+00	0.000000e+00	0	0
##	[1278,]	0.000000e+00	0.000000e+00	0	0
##	[1279,]	0.000000e+00	0.000000e+00	0	0
##	[1280,]	0.000000e+00	0.000000e+00	0	0
##	[1281,]	0.000000e+00	0.000000e+00	0	0
##	[1282,]	2.446096e+06	4.000000e+00	0	0
##	[1283,]	0.000000e+00	0.000000e+00	0	0
##	[1284,]	1.128960e+05	0.000000e+00	0	0
##	[1285,]	0.000000e+00	0.000000e+00	0	0
##	[1286,]	0.000000e+00	0.000000e+00	0	0
##	[1287,]	0.000000e+00	0.000000e+00	0	0
##	[1288,]	0.000000e+00	0.000000e+00	0	0

##	[1289,]	1.600000e+01	0.000000e+00	0	0
##	[1290,]	0.000000e+00	0.000000e+00	0	0
##	[1291,]	0.000000e+00	0.000000e+00	0	0
##	[1292,]	0.000000e+00	0.000000e+00	0	0
##	[1293,]	1.451610e+05	0.000000e+00	0	0
##	[1294,]	0.000000e+00	0.000000e+00	0	0
##	[1295,]	0.000000e+00	0.000000e+00	0	0
##	[1296,]	0.000000e+00	0.000000e+00	0	0
##	[1297,]	0.000000e+00	0.000000e+00	0	0
##	[1298,]	1.600000e+01	0.000000e+00	0	0
##	[1299,]	0.000000e+00	0.000000e+00	0	0
##	[1300,]	3.290596e+06	1.000000e+00	0	0
##	[1301,]	3.549079e+08	9.000000e+00	0	0
##	[1302,]	1.000000e+00	0.000000e+00	0	0
##	[1303,]	0.000000e+00	0.000000e+00	0	0
##	[1304,]	0.000000e+00	0.000000e+00	0	0
##	[1305,]	0.000000e+00	0.000000e+00	0	0
##	[1306,]	1.073296e+06	0.000000e+00	0	0
##	[1307,]	0.000000e+00	0.000000e+00	0	0
##	[1308,]	0.000000e+00	0.000000e+00	0	0
##	[1309,]	0.000000e+00	0.000000e+00	0	0
##	[1310,]	0.000000e+00	0.000000e+00	0	0
##	[1311,]	0.000000e+00	0.000000e+00	0	0
##	[1312,]	0.000000e+00	0.000000e+00	0	0
##	[1313,]	0.000000e+00	0.000000e+00	0	0
##	[1314,]	4.840000e+02	0.000000e+00	0	0
##	[1315,]	0.000000e+00	0.000000e+00	0	0
##	[1316,]	0.000000e+00	0.000000e+00	0	0
##	[1317,]	0.000000e+00	0.000000e+00	0	0
##	[1318,]	0.000000e+00	0.000000e+00	0	0
##	[1319,]	0.000000e+00	0.000000e+00	0	0
##	[1320,]	0.000000e+00	0.000000e+00	0	0
##	[1321,]	1.712304e+07	1.000000e+00	0	0
##	[1322,]	0.000000e+00	0.000000e+00	0	0
##	[1323,]	1.931339e+09	8.100000e+01	0	0
##	[1324,]	0.000000e+00	0.000000e+00	0	0
##	[1325,]	0.000000e+00	0.000000e+00	0	0
##	[1326,]	4.000000e+00	0.000000e+00	0	0
##	[1327,]	0.000000e+00	0.000000e+00	0	0
##	[1328,]	0.000000e+00	0.000000e+00	0	0
##	[1329,]	0.000000e+00	0.000000e+00	0	0
##	[1330,]	4.410000e+02	0.000000e+00	0	0
##	[1331,]	0.000000e+00	0.000000e+00	0	0
##	[1332,]	0.000000e+00	0.000000e+00	0	0
##	[1333,]	0.000000e+00	0.000000e+00	0	0
##	[1334,]	0.000000e+00	0.000000e+00	0	0
##	[1335,]	0.000000e+00	0.000000e+00	0	0
##	[1336,]	0.000000e+00	0.000000e+00	0	0
##	[1337,]	0.000000e+00	0.000000e+00	0	0
##	[1338,]	0.000000e+00	0.000000e+00	0	0
##	[1339,]	0.000000e+00	0.000000e+00	0	0
##	[1340,]	0.000000e+00	0.000000e+00	0	0
##	[1341,]	0.000000e+00	0.000000e+00	0	0
##	[1342,]	0.000000e+00	0.000000e+00	0	0

##	[1343,]	0.000000e+00	0.000000e+00	0	0
##	[1344,]	0.000000e+00	0.000000e+00	0	0
##	[1345,]	4.000000e+00	0.000000e+00	0	0
##	[1346,]	0.000000e+00	0.000000e+00	0	0
##	[1347,]	0.000000e+00	0.000000e+00	0	0
##	[1348,]	0.000000e+00	0.000000e+00	0	0
##	[1349,]	0.000000e+00	0.000000e+00	0	0
##	[1350,]	0.000000e+00	0.000000e+00	0	0
##	[1351,]	4.840000e+02	0.000000e+00	0	0
##	[1352,]	0.000000e+00	0.000000e+00	0	0
##	[1353,]	0.000000e+00	0.000000e+00	0	0
##	[1354,]	0.000000e+00	0.000000e+00	0	0
##	[1355,]	0.000000e+00	0.000000e+00	0	0
##	[1356,]	0.000000e+00	0.000000e+00	0	0
##	[1357,]	0.000000e+00	0.000000e+00	0	0
##	[1358,]	4.000000e+00	0.000000e+00	0	0
##	[1359,]	0.000000e+00	0.000000e+00	0	0
##	[1360,]	0.000000e+00	0.000000e+00	0	0
##	[1361,]	4.900000e+03	0.000000e+00	0	0
##	[1362,]	0.000000e+00	0.000000e+00	0	0
##	[1363,]	7.840000e+04	0.000000e+00	0	0
##	[1364,]	0.000000e+00	0.000000e+00	0	0
##	[1365,]	0.000000e+00	0.000000e+00	0	0
##	[1366,]	0.000000e+00	0.000000e+00	0	0
##	[1367,]	0.000000e+00	0.000000e+00	0	0
##	[1368,]	0.000000e+00	0.000000e+00	0	0
##	[1369,]	0.000000e+00	0.000000e+00	0	0
##	[1370,]	0.000000e+00	0.000000e+00	0	0
##	[1371,]	0.000000e+00	0.000000e+00	0	0
##	[1372,]	0.000000e+00	0.000000e+00	0	0
##	[1373,]	0.000000e+00	0.000000e+00	0	0
##	[1374,]	0.000000e+00	0.000000e+00	0	0
##	[1375,]	0.000000e+00	0.000000e+00	0	0
##	[1376,]	2.500000e+01	0.000000e+00	0	0
##	[1377,]	5.702544e+06	1.600000e+01	0	0
##	[1378,]	8.667610e+05	1.000000e+00	0	0
##	[1379,]	0.000000e+00	0.000000e+00	0	0
##	[1380,]	0.000000e+00	0.000000e+00	0	0
##	[1381,]	4.596840e+05	0.000000e+00	0	0
##	[1382,]	0.000000e+00	0.000000e+00	0	0
##	[1383,]	0.000000e+00	0.000000e+00	0	0
##	[1384,]	0.000000e+00	0.000000e+00	0	0
##	[1385,]	0.000000e+00	0.000000e+00	0	0
##	[1386,]	0.000000e+00	0.000000e+00	0	0
##	[1387,]	3.211264e+06	1.000000e+00	0	0
##	[1388,]	0.000000e+00	0.000000e+00	0	0
##	[1389,]	0.000000e+00	0.000000e+00	0	0
##	[1390,]	2.500000e+01	0.000000e+00	0	0
##	[1391,]	0.000000e+00	0.000000e+00	0	0
##	[1392,]	0.000000e+00	0.000000e+00	0	0
##	[1393,]	0.000000e+00	0.000000e+00	0	0
##	[1394,]	1.000000e+00	0.000000e+00	0	0
##	[1395,]	0.000000e+00	0.000000e+00	0	0
##	[1396,]	0.000000e+00	0.000000e+00	0	0

##	[1397,]	0.000000e+00	0.000000e+00	0	0
##	[1398,]	0.000000e+00	0.000000e+00	0	0
##	[1399,]	0.000000e+00	0.000000e+00	0	0
##	[1400,]	0.000000e+00	0.000000e+00	0	0
##	[1401,]	0.000000e+00	0.000000e+00	0	0
##	[1402,]	4.173849e+06	1.000000e+00	0	0
##	[1403,]	0.000000e+00	0.000000e+00	0	0
##	[1404,]	0.000000e+00	0.000000e+00	0	0
##	[1405,]	0.000000e+00	0.000000e+00	0	0
##	[1406,]	0.000000e+00	0.000000e+00	0	0
##	[1407,]	3.600000e+01	0.000000e+00	0	0
##	[1408,]	0.000000e+00	0.000000e+00	0	0
##	[1409,]	3.003040e+05	0.000000e+00	0	0
##	[1410,]	0.000000e+00	0.000000e+00	0	0
##	[1411,]	0.000000e+00	0.000000e+00	0	0
##	[1412,]	0.000000e+00	0.000000e+00	0	0
##	[1413,]	3.340840e+05	0.000000e+00	0	0
##	[1414,]	0.000000e+00	0.000000e+00	0	0
##	[1415,]	6.702921e+06	0.000000e+00	0	0
##	[1416,]	0.000000e+00	0.000000e+00	0	0
##	[1417,]	4.000000e+00	0.000000e+00	0	0
##	[1418,]	0.000000e+00	0.000000e+00	0	0
##	[1419,]	0.000000e+00	0.000000e+00	0	0
##	[1420,]	0.000000e+00	0.000000e+00	0	0
##	[1421,]	1.214871e+09	9.000000e+00	0	0
##	[1422,]	0.000000e+00	0.000000e+00	0	0
##	[1423,]	9.000000e+00	0.000000e+00	0	0
##	[1424,]	0.000000e+00	0.000000e+00	0	0
##	[1425,]	0.000000e+00	0.000000e+00	0	0
##	[1426,]	0.000000e+00	0.000000e+00	0	0
##	[1427,]	0.000000e+00	0.000000e+00	0	0
##	[1428,]	0.000000e+00	0.000000e+00	0	0
##	[1429,]	1.776889e+06	0.000000e+00	0	0
##	[1430,]	4.000000e+00	0.000000e+00	0	0
##	[1431,]	0.000000e+00	0.000000e+00	0	0
##	[1432,]	0.000000e+00	0.000000e+00	0	0
##	[1433,]	0.000000e+00	0.000000e+00	0	0
##	[1434,]	6.250000e+02	0.000000e+00	0	0
##	[1435,]	0.000000e+00	0.000000e+00	0	0
##	[1436,]	0.000000e+00	0.000000e+00	0	0
##	[1437,]	0.000000e+00	0.000000e+00	0	0
##	[1438,]	0.000000e+00	0.000000e+00	0	0
##	[1439,]	0.000000e+00	0.000000e+00	0	0
##	[1440,]	4.000000e+00	0.000000e+00	0	0
##	[1441,]	0.000000e+00	0.000000e+00	0	0
##	[1442,]	0.000000e+00	0.000000e+00	0	0
##	[1443,]	1.000000e+00	0.000000e+00	0	0
##	[1444,]	0.000000e+00	0.000000e+00	0	0
##	[1445,]	3.364000e+03	1.000000e+00	0	0
##	[1446,]	8.024756e+09	4.900000e+01	0	0
##	[1447,]	0.000000e+00	0.000000e+00	0	0
##	[1448,]	0.000000e+00	0.000000e+00	0	0
##	[1449,]	0.000000e+00	0.000000e+00	0	0
##	[1450,]	1.733890e+07	1.000000e+00	0	0

##	[1451,]	0.000000e+00	0.000000e+00	0	0
##	[1452,]	0.000000e+00	0.000000e+00	0	0
##	[1453,]	0.000000e+00	0.000000e+00	0	0
##	[1454,]	0.000000e+00	0.000000e+00	0	0
##	[1455,]	0.000000e+00	0.000000e+00	0	0
##	[1456,]	0.000000e+00	0.000000e+00	0	0
##	[1457,]	0.000000e+00	0.000000e+00	0	0
##	[1458,]	0.000000e+00	0.000000e+00	0	0
##	[1459,]	0.000000e+00	0.000000e+00	0	0
##	[1460,]	0.000000e+00	0.000000e+00	0	0
##	[1461,]	0.000000e+00	0.000000e+00	0	0
##	[1462,]	0.000000e+00	0.000000e+00	0	0
##	[1463,]	9.000000e+00	0.000000e+00	0	0
##	[1464,]	0.000000e+00	0.000000e+00	0	0
##	[1465,]	0.000000e+00	0.000000e+00	0	0
##	[1466,]	0.000000e+00	0.000000e+00	0	0
##	[1467,]	0.000000e+00	0.000000e+00	0	0
##	[1468,]	1.000000e+00	0.000000e+00	0	0
##	[1469,]	0.000000e+00	0.000000e+00	0	0
##	[1470,]	0.000000e+00	0.000000e+00	0	0
##	[1471,]	4.000000e+00	0.000000e+00	0	0
##	[1472,]	0.000000e+00	0.000000e+00	0	0
##	[1473,]	1.225000e+03	0.000000e+00	0	0
##	[1474,]	0.000000e+00	0.000000e+00	0	0
##	[1475,]	0.000000e+00	0.000000e+00	0	0
##	[1476,]	0.000000e+00	0.000000e+00	0	0
##	[1477,]	0.000000e+00	0.000000e+00	0	0
##	[1478,]	0.000000e+00	0.000000e+00	0	0
##	[1479,]	0.000000e+00	0.000000e+00	0	0
##	[1480,]	0.000000e+00	0.000000e+00	0	0
##	[1481,]	1.254400e+04	0.000000e+00	0	0
##	[1482,]	0.000000e+00	0.000000e+00	0	0
##	[1483,]	0.000000e+00	0.000000e+00	0	0
##	[1484,]	0.000000e+00	0.000000e+00	0	0
##	[1485,]	0.000000e+00	0.000000e+00	0	0
##	[1486,]	0.000000e+00	0.000000e+00	0	0
##	[1487,]	0.000000e+00	0.000000e+00	0	0
##	[1488,]	9.000000e+00	0.000000e+00	0	0
##	[1489,]	1.874890e+05	0.000000e+00	0	0
##	[1490,]	0.000000e+00	0.000000e+00	0	0
##	[1491,]	5.490810e+05	0.000000e+00	0	0
##	[1492,]	0.000000e+00	0.000000e+00	0	0
##	[1493,]	1.053002e+07	0.000000e+00	0	0
##	[1494,]	0.000000e+00	0.000000e+00	0	0
##	[1495,]	0.000000e+00	0.000000e+00	0	0
##	[1496,]	0.000000e+00	0.000000e+00	0	0
##	[1497,]	0.000000e+00	0.000000e+00	0	0
##	[1498,]	0.000000e+00	0.000000e+00	0	0
##	[1499,]	3.240000e+02	0.000000e+00	0	0
##	[1500,]	0.000000e+00	0.000000e+00	0	0
##	[1501,]	0.000000e+00	0.000000e+00	0	0
##	[1502,]	0.000000e+00	0.000000e+00	0	0
##	[1503,]	5.140890e+05	0.000000e+00	0	0
##	[1504,]	0.000000e+00	0.000000e+00	0	0

##	[1505,]	0.000000e+00	0.000000e+00	0	0
##	[1506,]	0.000000e+00	0.000000e+00	0	0
##	[1507,]	0.000000e+00	0.000000e+00	0	0
##	[1508,]	3.240000e+02	0.000000e+00	0	0
##	[1509,]	0.000000e+00	0.000000e+00	0	0
##	[1510,]	1.202009e+07	0.000000e+00	0	0
##	[1511,]	0.000000e+00	0.000000e+00	0	0
##	[1512,]	0.000000e+00	0.000000e+00	0	0
##	[1513,]	4.000000e+00	0.000000e+00	0	0
##	[1514,]	0.000000e+00	0.000000e+00	0	0
##	[1515,]	0.000000e+00	0.000000e+00	0	0
##	[1516,]	0.000000e+00	0.000000e+00	0	0
##	[1517,]	0.000000e+00	0.000000e+00	0	0
##	[1518,]	0.000000e+00	0.000000e+00	0	0
##	[1519,]	0.000000e+00	0.000000e+00	0	0
##	[1520,]	0.000000e+00	0.000000e+00	0	0
##	[1521,]	0.000000e+00	0.000000e+00	0	0
##	[1522,]	0.000000e+00	0.000000e+00	0	0
##	[1523,]	0.000000e+00	0.000000e+00	0	0
##	[1524,]	0.000000e+00	0.000000e+00	0	0
##	[1525,]	0.000000e+00	0.000000e+00	0	0
##	[1526,]	0.000000e+00	0.000000e+00	0	0
##	[1527,]	1.210000e+02	0.000000e+00	0	0
##	[1528,]	1.766521e+07	4.000000e+00	0	0
##	[1529,]	0.000000e+00	0.000000e+00	0	0
##	[1530,]	7.726410e+05	1.000000e+00	0	0
##	[1531,]	1.600000e+01	1.000000e+00	0	0
##	[1532,]	7.708840e+05	0.000000e+00	0	0
##	[1533,]	0.000000e+00	0.000000e+00	0	0
##	[1534,]	2.686349e+07	0.000000e+00	0	0
##	[1535,]	0.000000e+00	0.000000e+00	0	0
##	[1536,]	0.000000e+00	0.000000e+00	0	0
##	[1537,]	0.000000e+00	0.000000e+00	0	0
##	[1538,]	0.000000e+00	0.000000e+00	0	0
##	[1539,]	0.000000e+00	0.000000e+00	0	0
##	[1540,]	0.000000e+00	0.000000e+00	0	0
##	[1541,]	5.336302e+09	2.500000e+01	0	0
##	[1542,]	7.005690e+05	0.000000e+00	0	0
##	[1543,]	0.000000e+00	0.000000e+00	0	0
##	[1544,]	1.600000e+01	0.000000e+00	0	0
##	[1545,]	0.000000e+00	0.000000e+00	0	0
##	[1546,]	1.000000e+00	0.000000e+00	0	0
##	[1547,]	0.000000e+00	0.000000e+00	0	0
##	[1548,]	0.000000e+00	0.000000e+00	0	0
##	[1549,]	0.000000e+00	0.000000e+00	0	0
##	[1550,]	0.000000e+00	0.000000e+00	0	0
##	[1551,]	0.000000e+00	0.000000e+00	0	0
##	[1552,]	0.000000e+00	0.000000e+00	0	0
##	[1553,]	0.000000e+00	0.000000e+00	0	0
##	[1554,]	0.000000e+00	0.000000e+00	0	0
##	[1555,]	0.000000e+00	0.000000e+00	0	0
##	[1556,]	1.600000e+03	0.000000e+00	0	0
##	[1557,]	9.000000e+00	0.000000e+00	0	0
##	[1558,]	0.000000e+00	0.000000e+00	0	0

##	[1559,]	0.000000e+00	0.000000e+00	0	0
##	[1560,]	0.000000e+00	0.000000e+00	0	0
##	[1561,]	4.133204e+07	0.000000e+00	1	0
##	[1562,]	0.000000e+00	0.000000e+00	0	0
##	[1563,]	0.000000e+00	0.000000e+00	0	0
##	[1564,]	5.628751e+09	3.600000e+01	0	0
##	[1565,]	1.000000e+00	0.000000e+00	0	0
##	[1566,]	0.000000e+00	0.000000e+00	0	0
##	[1567,]	0.000000e+00	0.000000e+00	0	0
##	[1568,]	0.000000e+00	0.000000e+00	0	0
##	[1569,]	1.000000e+00	0.000000e+00	0	0
##	[1570,]	8.281000e+03	9.000000e+00	0	0
##	[1571,]	0.000000e+00	0.000000e+00	0	0
##	[1572,]	0.000000e+00	0.000000e+00	0	0
##	[1573,]	0.000000e+00	0.000000e+00	0	0
##	[1574,]	0.000000e+00	0.000000e+00	0	0
##	[1575,]	0.000000e+00	0.000000e+00	0	0
##	[1576,]	0.000000e+00	0.000000e+00	0	0
##	[1577,]	0.000000e+00	0.000000e+00	0	0
##	[1578,]	0.000000e+00	0.000000e+00	0	0
##	[1579,]	0.000000e+00	0.000000e+00	0	0
##	[1580,]	0.000000e+00	0.000000e+00	0	0
##	[1581,]	0.000000e+00	0.000000e+00	0	0
##	[1582,]	0.000000e+00	0.000000e+00	0	0
##	[1583,]	0.000000e+00	0.000000e+00	0	0
##	[1584,]	0.000000e+00	0.000000e+00	0	0
##	[1585,]	0.000000e+00	0.000000e+00	0	0
##	[1586,]	0.000000e+00	0.000000e+00	0	0
##	[1587,]	0.000000e+00	0.000000e+00	0	0
##	[1588,]	0.000000e+00	0.000000e+00	0	0
##	[1589,]	0.000000e+00	0.000000e+00	0	0
##	[1590,]	1.000000e+00	0.000000e+00	0	0
##	[1591,]	0.000000e+00	0.000000e+00	0	0
##	[1592,]	0.000000e+00	0.000000e+00	0	0
##	[1593,]	0.000000e+00	0.000000e+00	0	0
##	[1594,]	0.000000e+00	0.000000e+00	0	0
##	[1595,]	1.000000e+00	0.000000e+00	0	0
##	[1596,]	0.000000e+00	0.000000e+00	0	0
##	[1597,]	0.000000e+00	0.000000e+00	0	0
##	[1598,]	3.600000e+03	0.000000e+00	0	0
##	[1599,]	0.000000e+00	0.000000e+00	0	0
##	[1600,]	0.000000e+00	0.000000e+00	0	0
##	[1601,]	0.000000e+00	0.000000e+00	0	0
##	[1602,]	0.000000e+00	0.000000e+00	0	0
##	[1603,]	0.000000e+00	0.000000e+00	0	0
##	[1604,]	5.152900e+04	0.000000e+00	0	0
##	[1605,]	0.000000e+00	0.000000e+00	0	0
##	[1606,]	1.690000e+02	0.000000e+00	0	0
##	[1607,]	4.515840e+05	0.000000e+00	0	0
##	[1608,]	0.000000e+00	0.000000e+00	0	0
##	[1609,]	0.000000e+00	0.000000e+00	0	0
##	[1610,]	0.000000e+00	0.000000e+00	0	0
##	[1611,]	1.732224e+07	1.000000e+00	0	0
##	[1612,]	0.000000e+00	0.000000e+00	0	0

##	[1613,]	1.000000e+00	0.000000e+00	0	0
##	[1614,]	0.000000e+00	0.000000e+00	0	0
##	[1615,]	7.840000e+02	1.000000e+00	0	0
##	[1616,]	0.000000e+00	0.000000e+00	0	0
##	[1617,]	0.000000e+00	0.000000e+00	0	0
##	[1618,]	0.000000e+00	0.000000e+00	0	0
##	[1619,]	0.000000e+00	0.000000e+00	0	0
##	[1620,]	1.542564e+06	0.000000e+00	0	0
##	[1621,]	0.000000e+00	0.000000e+00	0	0
##	[1622,]	0.000000e+00	0.000000e+00	0	0
##	[1623,]	0.000000e+00	0.000000e+00	0	0
##	[1624,]	8.667610e+05	0.000000e+00	0	0
##	[1625,]	1.110889e+07	0.000000e+00	0	0
##	[1626,]	3.240000e+02	0.000000e+00	0	0
##	[1627,]	0.000000e+00	0.000000e+00	0	0
##	[1628,]	0.000000e+00	0.000000e+00	0	0
##	[1629,]	0.000000e+00	0.000000e+00	0	0
##	[1630,]	0.000000e+00	0.000000e+00	0	0
##	[1631,]	0.000000e+00	0.000000e+00	0	0
##	[1632,]	0.000000e+00	0.000000e+00	0	0
##	[1633,]	0.000000e+00	0.000000e+00	0	0
##	[1634,]	0.000000e+00	0.000000e+00	0	0
##	[1635,]	0.000000e+00	0.000000e+00	0	0
##	[1636,]	0.000000e+00	0.000000e+00	0	0
##	[1637,]	0.000000e+00	0.000000e+00	0	0
##	[1638,]	0.000000e+00	0.000000e+00	0	0
##	[1639,]	0.000000e+00	0.000000e+00	0	0
##	[1640,]	0.000000e+00	0.000000e+00	0	0
##	[1641,]	0.000000e+00	0.000000e+00	0	0
##	[1642,]	3.199034e+07	0.000000e+00	0	0
##	[1643,]	0.000000e+00	0.000000e+00	0	0
##	[1644,]	0.000000e+00	0.000000e+00	0	0
##	[1645,]	2.250000e+02	1.000000e+00	0	0
##	[1646,]	0.000000e+00	0.000000e+00	0	0
##	[1647,]	0.000000e+00	0.000000e+00	0	0
##	[1648,]	0.000000e+00	0.000000e+00	0	0
##	[1649,]	7.378810e+05	0.000000e+00	0	0
##	[1650,]	0.000000e+00	0.000000e+00	0	0
##	[1651,]	9.306461e+07	9.000000e+00	0	0
##	[1652,]	0.000000e+00	0.000000e+00	0	0
##	[1653,]	0.000000e+00	0.000000e+00	0	0
##	[1654,]	0.000000e+00	0.000000e+00	0	0
##	[1655,]	2.500000e+01	0.000000e+00	0	0
##	[1656,]	0.000000e+00	0.000000e+00	0	0
##	[1657,]	3.900625e+06	0.000000e+00	1	0
##	[1658,]	0.000000e+00	0.000000e+00	0	0
##	[1659,]	0.000000e+00	0.000000e+00	0	0
##	[1660,]	0.000000e+00	0.000000e+00	0	0
##	[1661,]	0.000000e+00	0.000000e+00	0	0
##	[1662,]	1.428025e+06	0.000000e+00	0	0
##	[1663,]	1.000000e+00	0.000000e+00	0	0
##	[1664,]	1.440000e+02	1.000000e+00	0	0
##	[1665,]	2.657918e+09	4.000000e+00	0	0
##	[1666,]	0.000000e+00	0.000000e+00	0	0

##	[1667,]	0.000000e+00	0.000000e+00	0	0
##	[1668,]	0.000000e+00	0.000000e+00	0	0
##	[1669,]	0.000000e+00	0.000000e+00	0	0
##	[1670,]	0.000000e+00	0.000000e+00	0	0
##	[1671,]	0.000000e+00	0.000000e+00	0	0
##	[1672,]	0.000000e+00	0.000000e+00	0	0
##	[1673,]	0.000000e+00	0.000000e+00	0	0
##	[1674,]	0.000000e+00	0.000000e+00	0	0
##	[1675,]	0.000000e+00	0.000000e+00	0	0
##	[1676,]	0.000000e+00	0.000000e+00	0	0
##	[1677,]	0.000000e+00	0.000000e+00	0	0
##	[1678,]	3.721000e+03	0.000000e+00	0	0
##	[1679,]	0.000000e+00	0.000000e+00	0	0
##	[1680,]	1.000000e+00	0.000000e+00	0	0
##	[1681,]	0.000000e+00	0.000000e+00	0	0
##	[1682,]	0.000000e+00	0.000000e+00	0	0
##	[1683,]	0.000000e+00	0.000000e+00	0	0
##	[1684,]	1.000000e+00	0.000000e+00	0	0
##	[1685,]	9.409000e+03	0.000000e+00	0	0
##	[1686,]	0.000000e+00	0.000000e+00	0	0
##	[1687,]	1.000000e+00	0.000000e+00	0	0
##	[1688,]	0.000000e+00	0.000000e+00	0	0
##	[1689,]	1.586693e+10	2.025000e+03	1	0
##	[1690,]	1.490841e+08	1.000000e+00	0	0
##	[1691,]	1.000000e+00	0.000000e+00	0	0
##	[1692,]	0.000000e+00	0.000000e+00	0	0
##	[1693,]	0.000000e+00	0.000000e+00	0	0
##	[1694,]	0.000000e+00	0.000000e+00	0	0
##	[1695,]	0.000000e+00	0.000000e+00	0	0
##	[1696,]	0.000000e+00	0.000000e+00	0	0
##	[1697,]	0.000000e+00	0.000000e+00	0	0
##	[1698,]	0.000000e+00	0.000000e+00	0	0
##	[1699,]	0.000000e+00	0.000000e+00	0	0
##	[1700,]	0.000000e+00	0.000000e+00	0	0
##	[1701,]	0.000000e+00	0.000000e+00	0	0
##	[1702,]	0.000000e+00	0.000000e+00	0	0
##	[1703,]	0.000000e+00	0.000000e+00	0	0
##	[1704,]	0.000000e+00	0.000000e+00	0	0
##	[1705,]	0.000000e+00	0.000000e+00	0	0
##	[1706,]	0.000000e+00	0.000000e+00	0	0
##	[1707,]	0.000000e+00	0.000000e+00	0	0
##	[1708,]	0.000000e+00	0.000000e+00	0	0
##	[1709,]	0.000000e+00	0.000000e+00	0	0
##	[1710,]	0.000000e+00	0.000000e+00	0	0
##	[1711,]	4.032250e+05	0.000000e+00	0	0
##	[1712,]	0.000000e+00	0.000000e+00	0	0
##	[1713,]	0.000000e+00	0.000000e+00	0	0
##	[1714,]	0.000000e+00	0.000000e+00	0	0
##	[1715,]	0.000000e+00	0.000000e+00	0	0
##	[1716,]	0.000000e+00	0.000000e+00	0	0
##	[1717,]	1.000000e+00	0.000000e+00	0	0
##	[1718,]	0.000000e+00	0.000000e+00	0	0
##	[1719,]	0.000000e+00	0.000000e+00	0	0
##	[1720,]	0.000000e+00	0.000000e+00	0	0

##	[1721,]	0.000000e+00	0.000000e+00	0	0
##	[1722,]	0.000000e+00	0.000000e+00	0	0
##	[1723,]	0.000000e+00	0.000000e+00	0	0
##	[1724,]	2.016010e+07	1.000000e+00	0	0
##	[1725,]	0.000000e+00	0.000000e+00	0	0
##	[1726,]	3.203560e+05	0.000000e+00	0	0
##	[1727,]	0.000000e+00	0.000000e+00	0	0
##	[1728,]	0.000000e+00	0.000000e+00	0	0
##	[1729,]	0.000000e+00	0.000000e+00	0	0
##	[1730,]	2.500000e+01	0.000000e+00	0	0
##	[1731,]	1.283072e+07	0.000000e+00	0	0
##	[1732,]	0.000000e+00	0.000000e+00	0	0
##	[1733,]	1.024000e+03	0.000000e+00	0	0
##	[1734,]	0.000000e+00	0.000000e+00	0	0
##	[1735,]	0.000000e+00	0.000000e+00	0	0
##	[1736,]	0.000000e+00	0.000000e+00	0	0
##	[1737,]	5.199312e+08	1.210000e+02	0	0
##	[1738,]	0.000000e+00	0.000000e+00	0	0
##	[1739,]	0.000000e+00	0.000000e+00	0	0
##	[1740,]	1.000000e+00	0.000000e+00	0	0
##	[1741,]	0.000000e+00	0.000000e+00	0	0
##	[1742,]	0.000000e+00	0.000000e+00	0	0
##	[1743,]	0.000000e+00	0.000000e+00	0	0
##	[1744,]	0.000000e+00	0.000000e+00	0	0
##	[1745,]	2.025498e+08	4.900000e+01	0	0
##	[1746,]	0.000000e+00	0.000000e+00	0	0
##	[1747,]	0.000000e+00	0.000000e+00	0	0
##	[1748,]	0.000000e+00	0.000000e+00	0	0
##	[1749,]	5.058001e+06	0.000000e+00	0	0
##	[1750,]	5.290000e+02	0.000000e+00	0	0
##	[1751,]	0.000000e+00	0.000000e+00	0	0
##	[1752,]	0.000000e+00	0.000000e+00	0	0
##	[1753,]	0.000000e+00	0.000000e+00	0	0
##	[1754,]	0.000000e+00	0.000000e+00	0	0
##	[1755,]	0.000000e+00	0.000000e+00	0	0
##	[1756,]	0.000000e+00	0.000000e+00	0	0
##	[1757,]	0.000000e+00	0.000000e+00	0	0
##	[1758,]	0.000000e+00	0.000000e+00	0	0
##	[1759,]	0.000000e+00	0.000000e+00	0	0
##	[1760,]	0.000000e+00	0.000000e+00	0	0
##	[1761,]	0.000000e+00	0.000000e+00	0	0
##	[1762,]	0.000000e+00	0.000000e+00	0	0
##	[1763,]	0.000000e+00	0.000000e+00	0	0
##	[1764,]	1.690000e+02	0.000000e+00	0	0
##	[1765,]	4.549689e+06	1.000000e+00	0	0
##	[1766,]	2.618895e+08	8.100000e+01	0	0
##	[1767,]	0.000000e+00	0.000000e+00	0	0
##	[1768,]	0.000000e+00	0.000000e+00	0	0
##	[1769,]	0.000000e+00	0.000000e+00	0	0
##	[1770,]	1.000000e+00	0.000000e+00	0	0
##	[1771,]	0.000000e+00	0.000000e+00	0	0
##	[1772,]	0.000000e+00	0.000000e+00	0	0
##	[1773,]	0.000000e+00	0.000000e+00	0	0
##	[1774,]	0.000000e+00	0.000000e+00	0	0

##	[1775,]	0.000000e+00	0.000000e+00	0	0
##	[1776,]	0.000000e+00	0.000000e+00	0	0
##	[1777,]	0.000000e+00	0.000000e+00	0	0
##	[1778,]	8.014561e+06	0.000000e+00	0	0
##	[1779,]	3.600000e+01	0.000000e+00	0	0
##	[1780,]	6.059967e+08	3.600000e+01	0	0
##	[1781,]	0.000000e+00	0.000000e+00	0	0
##	[1782,]	0.000000e+00	0.000000e+00	0	0
##	[1783,]	0.000000e+00	0.000000e+00	0	0
##	[1784,]	3.240000e+02	0.000000e+00	0	0
##	[1785,]	0.000000e+00	0.000000e+00	0	0
##	[1786,]	7.208010e+05	0.000000e+00	0	0
##	[1787,]	0.000000e+00	0.000000e+00	0	0
##	[1788,]	0.000000e+00	0.000000e+00	0	0
##	[1789,]	0.000000e+00	0.000000e+00	0	0
##	[1790,]	1.904450e+09	1.210000e+02	1	0
##	[1791,]	0.000000e+00	0.000000e+00	0	0
##	[1792,]	1.000000e+00	0.000000e+00	0	0
##	[1793,]	0.000000e+00	0.000000e+00	0	0
##	[1794,]	0.000000e+00	0.000000e+00	0	0
##	[1795,]	0.000000e+00	0.000000e+00	0	0
##	[1796,]	0.000000e+00	0.000000e+00	0	0
##	[1797,]	4.044960e+05	0.000000e+00	0	0
##	[1798,]	0.000000e+00	0.000000e+00	0	0
##	[1799,]	0.000000e+00	0.000000e+00	0	0
##	[1800,]	0.000000e+00	0.000000e+00	0	0
##	[1801,]	0.000000e+00	0.000000e+00	0	0
##	[1802,]	0.000000e+00	0.000000e+00	0	0
##	[1803,]	7.162582e+08	2.500000e+01	0	0
##	[1804,]	1.339560e+05	4.000000e+00	0	0
##	[1805,]	0.000000e+00	0.000000e+00	0	0
##	[1806,]	0.000000e+00	0.000000e+00	0	0
##	[1807,]	0.000000e+00	0.000000e+00	0	0
##	[1808,]	5.082407e+09	1.690000e+02	0	0
##	[1809,]	0.000000e+00	0.000000e+00	0	0
##	[1810,]	0.000000e+00	0.000000e+00	0	0
##	[1811,]	0.000000e+00	0.000000e+00	0	0
##	[1812,]	0.000000e+00	0.000000e+00	0	0
##	[1813,]	0.000000e+00	0.000000e+00	0	0
##	[1814,]	0.000000e+00	0.000000e+00	0	0
##	[1815,]	0.000000e+00	0.000000e+00	0	0
##	[1816,]	0.000000e+00	0.000000e+00	0	0
##	[1817,]	0.000000e+00	0.000000e+00	0	0
##	[1818,]	0.000000e+00	0.000000e+00	0	0
##	[1819,]	0.000000e+00	0.000000e+00	0	0
##	[1820,]	0.000000e+00	0.000000e+00	0	0
##	[1821,]	0.000000e+00	0.000000e+00	0	0
##	[1822,]	0.000000e+00	0.000000e+00	0	0
##	[1823,]	0.000000e+00	0.000000e+00	0	0
##	[1824,]	0.000000e+00	0.000000e+00	0	0
##	[1825,]	0.000000e+00	0.000000e+00	0	0
##	[1826,]	0.000000e+00	0.000000e+00	0	0
##	[1827,]	0.000000e+00	0.000000e+00	0	0
##	[1828,]	0.000000e+00	0.000000e+00	0	0

##	[1829,]	0.000000e+00	0.000000e+00	0	0
##	[1830,]	0.000000e+00	0.000000e+00	0	0
##	[1831,]	3.960100e+04	0.000000e+00	0	0
##	[1832,]	0.000000e+00	0.000000e+00	0	0
##	[1833,]	0.000000e+00	0.000000e+00	0	0
##	[1834,]	2.560000e+02	0.000000e+00	0	0
##	[1835,]	1.000000e+00	0.000000e+00	0	0
##	[1836,]	0.000000e+00	0.000000e+00	0	0
##	[1837,]	0.000000e+00	0.000000e+00	0	0
##	[1838,]	0.000000e+00	0.000000e+00	0	0
##	[1839,]	0.000000e+00	0.000000e+00	0	0
##	[1840,]	0.000000e+00	0.000000e+00	0	0
##	[1841,]	0.000000e+00	0.000000e+00	0	0
##	[1842,]	1.800964e+06	0.000000e+00	0	0
##	[1843,]	1.119364e+06	0.000000e+00	0	0
##	[1844,]	0.000000e+00	0.000000e+00	0	0
##	[1845,]	0.000000e+00	0.000000e+00	0	0
##	[1846,]	0.000000e+00	0.000000e+00	0	0
##	[1847,]	0.000000e+00	0.000000e+00	0	0
##	[1848,]	0.000000e+00	0.000000e+00	0	0
##	[1849,]	0.000000e+00	0.000000e+00	0	0
##	[1850,]	5.329000e+03	0.000000e+00	0	0
##	[1851,]	0.000000e+00	0.000000e+00	0	0
##	[1852,]	0.000000e+00	0.000000e+00	0	0
##	[1853,]	1.664100e+04	4.000000e+00	0	0
##	[1854,]	0.000000e+00	0.000000e+00	0	0
##	[1855,]	0.000000e+00	0.000000e+00	0	0
##	[1856,]	0.000000e+00	0.000000e+00	0	0
##	[1857,]	0.000000e+00	0.000000e+00	0	0
##	[1858,]	0.000000e+00	0.000000e+00	0	0
##	[1859,]	3.033806e+07	1.000000e+00	0	0
##	[1860,]	9.639312e+07	1.600000e+01	0	0
##	[1861,]	0.000000e+00	0.000000e+00	0	0
##	[1862,]	0.000000e+00	0.000000e+00	0	0
##	[1863,]	0.000000e+00	0.000000e+00	0	0
##	[1864,]	0.000000e+00	0.000000e+00	0	0
##	[1865,]	1.818170e+07	0.000000e+00	0	0
##	[1866,]	0.000000e+00	0.000000e+00	0	0
##	[1867,]	8.649000e+03	0.000000e+00	0	0
##	[1868,]	5.908997e+07	0.000000e+00	0	0
##	[1869,]	0.000000e+00	0.000000e+00	0	0
##	[1870,]	0.000000e+00	0.000000e+00	0	0
##	[1871,]	0.000000e+00	0.000000e+00	0	0
##	[1872,]	0.000000e+00	0.000000e+00	0	0
##	[1873,]	0.000000e+00	0.000000e+00	0	0
##	[1874,]	0.000000e+00	0.000000e+00	0	0
##	[1875,]	0.000000e+00	0.000000e+00	0	0
##	[1876,]	0.000000e+00	0.000000e+00	0	0
##	[1877,]	0.000000e+00	0.000000e+00	0	0
##	[1878,]	0.000000e+00	0.000000e+00	0	0
##	[1879,]	0.000000e+00	0.000000e+00	0	0
##	[1880,]	0.000000e+00	0.000000e+00	0	0
##	[1881,]	2.309764e+07	1.000000e+00	0	0
##	[1882,]	0.000000e+00	0.000000e+00	0	0

##	[1883,]	0.000000e+00	0.000000e+00	0	0
##	[1884,]	0.000000e+00	0.000000e+00	0	0
##	[1885,]	0.000000e+00	0.000000e+00	0	0
##	[1886,]	1.401146e+08	4.000000e+00	0	0
##	[1887,]	0.000000e+00	0.000000e+00	0	0
##	[1888,]	0.000000e+00	0.000000e+00	0	0
##	[1889,]	0.000000e+00	0.000000e+00	0	0
##	[1890,]	1.521000e+03	0.000000e+00	0	0
##	[1891,]	6.250000e+02	0.000000e+00	0	0
##	[1892,]	6.157842e+08	1.600000e+01	0	0
##	[1893,]	0.000000e+00	0.000000e+00	0	0
##	[1894,]	0.000000e+00	0.000000e+00	0	0
##	[1895,]	0.000000e+00	0.000000e+00	0	0
##	[1896,]	0.000000e+00	0.000000e+00	0	0
##	[1897,]	0.000000e+00	0.000000e+00	0	0
##	[1898,]	0.000000e+00	0.000000e+00	0	0
##	[1899,]	0.000000e+00	0.000000e+00	0	0
##	[1900,]	4.856696e+07	1.000000e+00	0	0
##	[1901,]	2.493873e+08	9.000000e+00	0	0
##	[1902,]	0.000000e+00	0.000000e+00	0	0
##	[1903,]	0.000000e+00	0.000000e+00	0	0
##	[1904,]	4.900000e+01	0.000000e+00	0	0
##	[1905,]	0.000000e+00	0.000000e+00	0	0
##	[1906,]	0.000000e+00	0.000000e+00	0	0
##	[1907,]	0.000000e+00	0.000000e+00	0	0
##	[1908,]	0.000000e+00	0.000000e+00	0	0
##	[1909,]	1.728896e+07	4.000000e+00	0	0
##	[1910,]	0.000000e+00	0.000000e+00	0	0
##	[1911,]	0.000000e+00	0.000000e+00	0	0
##	[1912,]	0.000000e+00	0.000000e+00	0	0
##	[1913,]	0.000000e+00	0.000000e+00	0	0
##	[1914,]	0.000000e+00	0.000000e+00	0	0
##	[1915,]	1.000000e+00	0.000000e+00	0	0
##	[1916,]	2.560000e+02	0.000000e+00	0	0
##	[1917,]	0.000000e+00	0.000000e+00	0	0
##	[1918,]	3.960100e+04	0.000000e+00	0	0
##	[1919,]	0.000000e+00	0.000000e+00	0	0
##	[1920,]	0.000000e+00	0.000000e+00	0	0
##	[1921,]	0.000000e+00	0.000000e+00	0	0
##	[1922,]	0.000000e+00	0.000000e+00	0	0
##	[1923,]	0.000000e+00	0.000000e+00	0	0
##	[1924,]	0.000000e+00	0.000000e+00	0	0
##	[1925,]	2.052090e+05	4.000000e+00	0	0
##	[1926,]	1.683051e+09	2.890000e+02	1	0
##	[1927,]	3.619506e+08	4.900000e+01	0	0
##	[1928,]	0.000000e+00	0.000000e+00	0	0
##	[1929,]	0.000000e+00	0.000000e+00	0	0
##	[1930,]	0.000000e+00	0.000000e+00	0	0
##	[1931,]	0.000000e+00	0.000000e+00	0	0
##	[1932,]	0.000000e+00	0.000000e+00	0	0
##	[1933,]	0.000000e+00	0.000000e+00	0	0
##	[1934,]	0.000000e+00	0.000000e+00	0	0
##	[1935,]	0.000000e+00	0.000000e+00	0	0
##	[1936,]	0.000000e+00	0.000000e+00	0	0

##	[1937,]	0.000000e+00	0.000000e+00	0	0
##	[1938,]	0.000000e+00	0.000000e+00	0	0
##	[1939,]	0.000000e+00	0.000000e+00	0	0
##	[1940,]	0.000000e+00	0.000000e+00	0	0
##	[1941,]	0.000000e+00	0.000000e+00	0	0
##	[1942,]	0.000000e+00	0.000000e+00	0	0
##	[1943,]	0.000000e+00	0.000000e+00	0	0
##	[1944,]	0.000000e+00	0.000000e+00	0	0
##	[1945,]	0.000000e+00	0.000000e+00	0	0
##	[1946,]	0.000000e+00	0.000000e+00	0	0
##	[1947,]	0.000000e+00	0.000000e+00	0	0
##	[1948,]	9.000000e+00	0.000000e+00	0	0
##	[1949,]	0.000000e+00	0.000000e+00	0	0
##	[1950,]	0.000000e+00	0.000000e+00	0	0
##	[1951,]	0.000000e+00	0.000000e+00	0	0
##	[1952,]	0.000000e+00	0.000000e+00	0	0
##	[1953,]	0.000000e+00	0.000000e+00	0	0
##	[1954,]	1.600000e+03	0.000000e+00	0	0
##	[1955,]	0.000000e+00	0.000000e+00	0	0
##	[1956,]	9.000000e+00	0.000000e+00	0	0
##	[1957,]	0.000000e+00	0.000000e+00	0	0
##	[1958,]	0.000000e+00	0.000000e+00	0	0
##	[1959,]	0.000000e+00	0.000000e+00	0	0
##	[1960,]	0.000000e+00	0.000000e+00	0	0
##	[1961,]	4.422250e+05	0.000000e+00	0	0
##	[1962,]	0.000000e+00	0.000000e+00	0	0
##	[1963,]	0.000000e+00	0.000000e+00	0	0
##	[1964,]	1.989160e+05	0.000000e+00	0	0
##	[1965,]	0.000000e+00	0.000000e+00	0	0
##	[1966,]	0.000000e+00	0.000000e+00	0	0
##	[1967,]	0.000000e+00	0.000000e+00	0	0
##	[1968,]	0.000000e+00	0.000000e+00	0	0
##	[1969,]	0.000000e+00	0.000000e+00	0	0
##	[1970,]	2.025000e+03	0.000000e+00	0	0
##	[1971,]	0.000000e+00	0.000000e+00	0	0
##	[1972,]	0.000000e+00	0.000000e+00	0	0
##	[1973,]	0.000000e+00	0.000000e+00	0	0
##	[1974,]	1.899216e+07	4.000000e+00	0	0
##	[1975,]	0.000000e+00	0.000000e+00	0	0
##	[1976,]	1.237632e+07	0.000000e+00	0	0
##	[1977,]	4.410000e+04	0.000000e+00	0	0
##	[1978,]	0.000000e+00	0.000000e+00	0	0
##	[1979,]	0.000000e+00	0.000000e+00	0	0
##	[1980,]	0.000000e+00	0.000000e+00	0	0
##	[1981,]	0.000000e+00	0.000000e+00	0	0
##	[1982,]	0.000000e+00	0.000000e+00	0	0
##	[1983,]	6.765201e+06	3.600000e+01	1	0
##	[1984,]	0.000000e+00	0.000000e+00	0	0
##	[1985,]	1.464100e+04	0.000000e+00	0	0
##	[1986,]	8.838729e+06	9.000000e+00	0	0
##	[1987,]	0.000000e+00	0.000000e+00	0	0
##	[1988,]	0.000000e+00	0.000000e+00	0	0
##	[1989,]	0.000000e+00	0.000000e+00	0	0
##	[1990,]	0.000000e+00	0.000000e+00	0	0

##	[1991,]	0.000000e+00	0.000000e+00	0	0
##	[1992,]	0.000000e+00	0.000000e+00	0	0
##	[1993,]	0.000000e+00	0.000000e+00	0	0
##	[1994,]	0.000000e+00	0.000000e+00	0	0
##	[1995,]	0.000000e+00	0.000000e+00	0	0
##	[1996,]	0.000000e+00	0.000000e+00	0	0
##	[1997,]	0.000000e+00	0.000000e+00	0	0
##	[1998,]	0.000000e+00	0.000000e+00	0	0
##	[1999,]	0.000000e+00	0.000000e+00	0	0
##	[2000,]	0.000000e+00	0.000000e+00	0	0
##	[2001,]	1.849000e+03	0.000000e+00	0	0
##	[2002,]	0.000000e+00	0.000000e+00	0	0
##	[2003,]	0.000000e+00	0.000000e+00	0	0
##	[2004,]	0.000000e+00	0.000000e+00	0	0
##	[2005,]	7.284601e+06	1.000000e+00	0	0
##	[2006,]	0.000000e+00	0.000000e+00	0	0
##	[2007,]	1.642681e+07	0.000000e+00	0	0
##	[2008,]	0.000000e+00	0.000000e+00	0	0
##	[2009,]	0.000000e+00	0.000000e+00	0	0
##	[2010,]	0.000000e+00	0.000000e+00	0	0
##	[2011,]	0.000000e+00	0.000000e+00	0	0
##	[2012,]	1.577034e+08	9.000000e+00	0	0
##	[2013,]	0.000000e+00	0.000000e+00	0	0
##	[2014,]	0.000000e+00	0.000000e+00	0	0
##	[2015,]	0.000000e+00	0.000000e+00	0	0
##	[2016,]	0.000000e+00	0.000000e+00	0	0
##	[2017,]	3.313154e+07	0.000000e+00	0	0
##	[2018,]	0.000000e+00	0.000000e+00	0	0
##	[2019,]	0.000000e+00	0.000000e+00	0	0
##	[2020,]	7.290000e+02	1.000000e+00	0	0
##	[2021,]	3.185868e+08	6.400000e+01	0	0
##	[2022,]	0.000000e+00	0.000000e+00	0	0
##	[2023,]	0.000000e+00	0.000000e+00	0	0
##	[2024,]	0.000000e+00	0.000000e+00	0	0
##	[2025,]	0.000000e+00	0.000000e+00	0	0
##	[2026,]	4.900000e+01	1.000000e+00	0	0
##	[2027,]	0.000000e+00	0.000000e+00	0	0
##	[2028,]	0.000000e+00	0.000000e+00	0	0
##	[2029,]	0.000000e+00	0.000000e+00	0	0
##	[2030,]	6.625476e+06	1.000000e+00	0	0
##	[2031,]	0.000000e+00	0.000000e+00	0	0
##	[2032,]	1.849000e+03	0.000000e+00	0	0
##	[2033,]	0.000000e+00	0.000000e+00	0	0
##	[2034,]	0.000000e+00	0.000000e+00	0	0
##	[2035,]	0.000000e+00	0.000000e+00	0	0
##	[2036,]	0.000000e+00	0.000000e+00	0	0
##	[2037,]	0.000000e+00	0.000000e+00	0	0
##	[2038,]	0.000000e+00	0.000000e+00	0	0
##	[2039,]	9.000000e+00	0.000000e+00	0	0
##	[2040,]	0.000000e+00	0.000000e+00	0	0
##	[2041,]	0.000000e+00	0.000000e+00	0	0
##	[2042,]	0.000000e+00	0.000000e+00	0	0
##	[2043,]	0.000000e+00	0.000000e+00	0	0
##	[2044,]	0.000000e+00	0.000000e+00	0	0

##	[2045,]	3.376039e+08	8.100000e+01	0	0
##	[2046,]	0.000000e+00	0.000000e+00	0	0
##	[2047,]	1.000000e+00	0.000000e+00	0	0
##	[2048,]	0.000000e+00	0.000000e+00	0	0
##	[2049,]	5.272212e+07	2.500000e+01	0	0
##	[2050,]	1.909603e+09	2.560000e+02	0	0
##	[2051,]	0.000000e+00	0.000000e+00	0	0
##	[2052,]	0.000000e+00	0.000000e+00	0	0
##	[2053,]	0.000000e+00	0.000000e+00	0	0
##	[2054,]	0.000000e+00	0.000000e+00	0	0
##	[2055,]	0.000000e+00	0.000000e+00	0	0
##	[2056,]	0.000000e+00	0.000000e+00	0	0
##	[2057,]	0.000000e+00	0.000000e+00	0	0
##	[2058,]	0.000000e+00	0.000000e+00	0	0
##	[2059,]	0.000000e+00	0.000000e+00	0	0
##	[2060,]	0.000000e+00	0.000000e+00	0	0
##	[2061,]	0.000000e+00	0.000000e+00	0	0
##	[2062,]	0.000000e+00	0.000000e+00	0	0
##	[2063,]	0.000000e+00	0.000000e+00	0	0
##	[2064,]	0.000000e+00	0.000000e+00	0	0
##	[2065,]	0.000000e+00	0.000000e+00	0	0
##	[2066,]	0.000000e+00	0.000000e+00	0	0
##	[2067,]	0.000000e+00	0.000000e+00	0	0
##	[2068,]	0.000000e+00	0.000000e+00	0	0
##	[2069,]	0.000000e+00	0.000000e+00	0	0
##	[2070,]	0.000000e+00	0.000000e+00	0	0
##	[2071,]	0.000000e+00	0.000000e+00	0	0
##	[2072,]	3.844000e+03	0.000000e+00	0	0
##	[2073,]	0.000000e+00	0.000000e+00	0	0
##	[2074,]	0.000000e+00	0.000000e+00	0	0
##	[2075,]	0.000000e+00	0.000000e+00	0	0
##	[2076,]	0.000000e+00	0.000000e+00	0	0
##	[2077,]	0.000000e+00	0.000000e+00	0	0
##	[2078,]	0.000000e+00	0.000000e+00	0	0
##	[2079,]	0.000000e+00	0.000000e+00	0	0
##	[2080,]	1.600000e+01	0.000000e+00	0	0
##	[2081,]	0.000000e+00	0.000000e+00	0	0
##	[2082,]	0.000000e+00	0.000000e+00	0	0
##	[2083,]	0.000000e+00	0.000000e+00	0	0
##	[2084,]	2.631690e+05	0.000000e+00	0	0
##	[2085,]	1.147041e+06	1.000000e+00	0	0
##	[2086,]	0.000000e+00	0.000000e+00	0	0
##	[2087,]	1.391290e+05	0.000000e+00	0	0
##	[2088,]	0.000000e+00	0.000000e+00	0	0
##	[2089,]	0.000000e+00	0.000000e+00	0	0
##	[2090,]	0.000000e+00	0.000000e+00	0	0
##	[2091,]	0.000000e+00	0.000000e+00	0	0
##	[2092,]	0.000000e+00	0.000000e+00	0	0
##	[2093,]	0.000000e+00	0.000000e+00	0	0
##	[2094,]	0.000000e+00	0.000000e+00	0	0
##	[2095,]	0.000000e+00	0.000000e+00	0	0
##	[2096,]	7.187761e+06	1.000000e+00	0	0
##	[2097,]	0.000000e+00	0.000000e+00	0	0
##	[2098,]	1.326416e+07	0.000000e+00	0	0

##	[2099,]	1.181297e+07	2.500000e+01	0	0
##	[2100,]	0.000000e+00	0.000000e+00	0	0
##	[2101,]	0.000000e+00	0.000000e+00	0	0
##	[2102,]	0.000000e+00	0.000000e+00	0	0
##	[2103,]	6.964321e+06	4.000000e+00	0	0
##	[2104,]	0.000000e+00	0.000000e+00	0	0
##	[2105,]	0.000000e+00	0.000000e+00	0	0
##	[2106,]	0.000000e+00	0.000000e+00	0	0
##	[2107,]	3.129361e+06	4.000000e+00	0	0
##	[2108,]	4.343056e+06	4.000000e+00	0	0
##	[2109,]	0.000000e+00	0.000000e+00	0	0
##	[2110,]	0.000000e+00	0.000000e+00	0	0
##	[2111,]	0.000000e+00	0.000000e+00	0	0
##	[2112,]	0.000000e+00	0.000000e+00	0	0
##	[2113,]	0.000000e+00	0.000000e+00	0	0
##	[2114,]	0.000000e+00	0.000000e+00	0	0
##	[2115,]	0.000000e+00	0.000000e+00	0	0
##	[2116,]	0.000000e+00	0.000000e+00	0	0
##	[2117,]	0.000000e+00	0.000000e+00	0	0
##	[2118,]	0.000000e+00	0.000000e+00	0	0
##	[2119,]	0.000000e+00	0.000000e+00	0	0
##	[2120,]	0.000000e+00	0.000000e+00	0	0
##	[2121,]	1.000000e+00	0.000000e+00	0	0
##	[2122,]	4.747210e+05	4.000000e+00	0	0
##	[2123,]	0.000000e+00	0.000000e+00	0	0
##	[2124,]	0.000000e+00	0.000000e+00	0	0
##	[2125,]	0.000000e+00	0.000000e+00	0	0
##	[2126,]	6.100900e+06	0.000000e+00	0	0
##	[2127,]	0.000000e+00	0.000000e+00	0	0
##	[2128,]	6.154402e+07	4.000000e+00	0	0
##	[2129,]	0.000000e+00	0.000000e+00	0	0
##	[2130,]	0.000000e+00	0.000000e+00	0	0
##	[2131,]	0.000000e+00	0.000000e+00	0	0
##	[2132,]	7.881888e+07	9.000000e+00	0	0
##	[2133,]	0.000000e+00	0.000000e+00	0	0
##	[2134,]	0.000000e+00	0.000000e+00	0	0
##	[2135,]	0.000000e+00	0.000000e+00	0	0
##	[2136,]	0.000000e+00	0.000000e+00	0	0
##	[2137,]	5.929000e+03	0.000000e+00	0	0
##	[2138,]	6.042256e+08	4.900000e+01	0	0
##	[2139,]	0.000000e+00	0.000000e+00	0	0
##	[2140,]	0.000000e+00	0.000000e+00	0	0
##	[2141,]	2.193986e+07	0.000000e+00	0	0
##	[2142,]	0.000000e+00	0.000000e+00	0	0
##	[2143,]	0.000000e+00	0.000000e+00	0	0
##	[2144,]	0.000000e+00	0.000000e+00	0	0
##	[2145,]	3.564544e+06	9.000000e+00	0	0
##	[2146,]	0.000000e+00	0.000000e+00	0	0
##	[2147,]	1.690000e+02	0.000000e+00	0	0
##	[2148,]	0.000000e+00	0.000000e+00	0	0
##	[2149,]	0.000000e+00	0.000000e+00	0	0
##	[2150,]	0.000000e+00	0.000000e+00	0	0
##	[2151,]	1.600000e+01	0.000000e+00	0	0
##	[2152,]	0.000000e+00	0.000000e+00	0	0

##	[2153,]	0.000000e+00	0.000000e+00	0	0
##	[2154,]	3.844000e+03	0.000000e+00	0	0
##	[2155,]	0.000000e+00	0.000000e+00	0	0
##	[2156,]	0.000000e+00	0.000000e+00	0	0
##	[2157,]	0.000000e+00	0.000000e+00	0	0
##	[2158,]	0.000000e+00	0.000000e+00	0	0
##	[2159,]	0.000000e+00	0.000000e+00	0	0
##	[2160,]	0.000000e+00	0.000000e+00	0	0
##	[2161,]	4.000000e+00	1.000000e+00	0	0
##	[2162,]	0.000000e+00	0.000000e+00	0	0
##	[2163,]	0.000000e+00	0.000000e+00	0	0
##	[2164,]	0.000000e+00	0.000000e+00	0	0
##	[2165,]	5.169754e+09	6.760000e+02	1	0
##	[2166,]	0.000000e+00	0.000000e+00	0	0
##	[2167,]	7.223194e+08	6.400000e+01	0	0
##	[2168,]	3.944990e+08	6.400000e+01	0	0
##	[2169,]	0.000000e+00	0.000000e+00	0	0
##	[2170,]	0.000000e+00	0.000000e+00	0	0
##	[2171,]	0.000000e+00	0.000000e+00	0	0
##	[2172,]	0.000000e+00	0.000000e+00	0	0
##	[2173,]	0.000000e+00	0.000000e+00	0	0
##	[2174,]	0.000000e+00	0.000000e+00	0	0
##	[2175,]	0.000000e+00	0.000000e+00	0	0
##	[2176,]	0.000000e+00	0.000000e+00	0	0
##	[2177,]	0.000000e+00	0.000000e+00	0	0
##	[2178,]	0.000000e+00	0.000000e+00	0	0
##	[2179,]	0.000000e+00	0.000000e+00	0	0
##	[2180,]	0.000000e+00	0.000000e+00	0	0
##	[2181,]	0.000000e+00	0.000000e+00	0	0
##	[2182,]	0.000000e+00	0.000000e+00	0	0
##	[2183,]	0.000000e+00	0.000000e+00	0	0
##	[2184,]	0.000000e+00	0.000000e+00	0	0
##	[2185,]	0.000000e+00	0.000000e+00	0	0
##	[2186,]	0.000000e+00	0.000000e+00	0	0
##	[2187,]	4.000000e+00	0.000000e+00	0	0
##	[2188,]	0.000000e+00	0.000000e+00	0	0
##	[2189,]	0.000000e+00	0.000000e+00	0	0
##	[2190,]	0.000000e+00	0.000000e+00	0	0
##	[2191,]	0.000000e+00	0.000000e+00	0	0
##	[2192,]	5.041000e+03	0.000000e+00	0	0
##	[2193,]	0.000000e+00	0.000000e+00	0	0
##	[2194,]	0.000000e+00	0.000000e+00	0	0
##	[2195,]	2.890000e+02	0.000000e+00	0	0
##	[2196,]	0.000000e+00	0.000000e+00	0	0
##	[2197,]	9.000000e+00	0.000000e+00	0	0
##	[2198,]	0.000000e+00	0.000000e+00	0	0
##	[2199,]	0.000000e+00	0.000000e+00	0	0
##	[2200,]	0.000000e+00	0.000000e+00	0	0
##	[2201,]	0.000000e+00	0.000000e+00	0	0
##	[2202,]	0.000000e+00	0.000000e+00	0	0
##	[2203,]	8.415801e+06	0.000000e+00	0	0
##	[2204,]	0.000000e+00	0.000000e+00	0	0
##	[2205,]	0.000000e+00	0.000000e+00	0	0
##	[2206,]	0.000000e+00	0.000000e+00	0	0

##	[2207,]	0.000000e+00	0.000000e+00	0	0
##	[2208,]	4.212010e+05	0.000000e+00	0	0
##	[2209,]	4.796100e+04	0.000000e+00	0	0
##	[2210,]	0.000000e+00	0.000000e+00	0	0
##	[2211,]	0.000000e+00	0.000000e+00	0	0
##	[2212,]	2.493005e+07	1.600000e+01	1	0
##	[2213,]	0.000000e+00	0.000000e+00	0	0
##	[2214,]	0.000000e+00	0.000000e+00	0	0
##	[2215,]	0.000000e+00	0.000000e+00	0	0
##	[2216,]	0.000000e+00	0.000000e+00	0	0
##	[2217,]	1.791315e+08	1.600000e+01	0	0
##	[2218,]	3.200521e+06	9.000000e+00	0	0
##	[2219,]	0.000000e+00	0.000000e+00	0	0
##	[2220,]	1.000000e+00	0.000000e+00	0	0
##	[2221,]	0.000000e+00	0.000000e+00	0	0
##	[2222,]	0.000000e+00	0.000000e+00	0	0
##	[2223,]	0.000000e+00	0.000000e+00	0	0
##	[2224,]	1.451610e+07	3.600000e+01	0	0
##	[2225,]	0.000000e+00	0.000000e+00	0	0
##	[2226,]	2.163841e+06	1.000000e+00	0	0
##	[2227,]	0.000000e+00	0.000000e+00	0	0
##	[2228,]	0.000000e+00	0.000000e+00	0	0
##	[2229,]	0.000000e+00	0.000000e+00	0	0
##	[2230,]	5.820164e+07	1.600000e+01	0	0
##	[2231,]	0.000000e+00	0.000000e+00	0	0
##	[2232,]	0.000000e+00	0.000000e+00	0	0
##	[2233,]	0.000000e+00	0.000000e+00	0	0
##	[2234,]	0.000000e+00	0.000000e+00	0	0
##	[2235,]	0.000000e+00	0.000000e+00	0	0
##	[2236,]	0.000000e+00	0.000000e+00	0	0
##	[2237,]	0.000000e+00	0.000000e+00	0	0
##	[2238,]	0.000000e+00	0.000000e+00	0	0
##	[2239,]	0.000000e+00	0.000000e+00	0	0
##	[2240,]	0.000000e+00	0.000000e+00	0	0
##	[2241,]	2.684027e+08	1.600000e+01	0	0
##	[2242,]	0.000000e+00	0.000000e+00	0	0
##	[2243,]	0.000000e+00	0.000000e+00	0	0
##	[2244,]	0.000000e+00	0.000000e+00	0	0
##	[2245,]	5.812921e+06	4.000000e+00	0	0
##	[2246,]	1.000000e+00	0.000000e+00	0	0
##	[2247,]	0.000000e+00	0.000000e+00	0	0
##	[2248,]	0.000000e+00	0.000000e+00	0	0
##	[2249,]	7.485696e+06	0.000000e+00	0	0
##	[2250,]	0.000000e+00	0.000000e+00	0	0
##	[2251,]	0.000000e+00	0.000000e+00	0	0
##	[2252,]	3.724900e+04	0.000000e+00	0	0
##	[2253,]	0.000000e+00	0.000000e+00	0	0
##	[2254,]	0.000000e+00	0.000000e+00	0	0
##	[2255,]	1.401856e+08	4.000000e+00	0	0
##	[2256,]	1.469956e+09	4.900000e+01	0	0
##	[2257,]	0.000000e+00	0.000000e+00	0	0
##	[2258,]	0.000000e+00	0.000000e+00	0	0
##	[2259,]	0.000000e+00	0.000000e+00	0	0
##	[2260,]	0.000000e+00	0.000000e+00	0	0

##	[2261,]	0.000000e+00	0.000000e+00	0	0
##	[2262,]	0.000000e+00	0.000000e+00	0	0
##	[2263,]	0.000000e+00	1.000000e+00	0	0
##	[2264,]	4.545424e+06	0.000000e+00	0	0
##	[2265,]	0.000000e+00	0.000000e+00	0	0
##	[2266,]	0.000000e+00	0.000000e+00	0	0
##	[2267,]	0.000000e+00	0.000000e+00	0	0
##	[2268,]	5.969108e+07	2.500000e+01	0	0
##	[2269,]	1.089000e+03	0.000000e+00	0	0
##	[2270,]	0.000000e+00	0.000000e+00	0	0
##	[2271,]	0.000000e+00	0.000000e+00	0	0
##	[2272,]	0.000000e+00	0.000000e+00	0	0
##	[2273,]	0.000000e+00	0.000000e+00	0	0
##	[2274,]	2.890000e+02	0.000000e+00	0	0
##	[2275,]	9.000000e+00	0.000000e+00	0	0
##	[2276,]	5.329000e+03	0.000000e+00	0	0
##	[2277,]	0.000000e+00	0.000000e+00	0	0
##	[2278,]	0.000000e+00	0.000000e+00	0	0
##	[2279,]	0.000000e+00	0.000000e+00	0	0
##	[2280,]	0.000000e+00	0.000000e+00	0	0
##	[2281,]	3.637417e+09	9.610000e+02	0	0
##	[2282,]	0.000000e+00	0.000000e+00	0	0
##	[2283,]	2.204631e+08	1.600000e+01	0	0
##	[2284,]	1.000000e+00	4.000000e+00	0	0
##	[2285,]	0.000000e+00	0.000000e+00	0	0
##	[2286,]	0.000000e+00	0.000000e+00	0	0
##	[2287,]	0.000000e+00	0.000000e+00	0	0
##	[2288,]	9.475315e+08	1.690000e+02	0	0
##	[2289,]	0.000000e+00	0.000000e+00	0	0
##	[2290,]	1.000000e+00	0.000000e+00	0	0
##	[2291,]	0.000000e+00	0.000000e+00	0	0
##	[2292,]	0.000000e+00	0.000000e+00	0	0
##	[2293,]	0.000000e+00	0.000000e+00	0	0
##	[2294,]	0.000000e+00	0.000000e+00	0	0
##	[2295,]	0.000000e+00	0.000000e+00	0	0
##	[2296,]	0.000000e+00	0.000000e+00	0	0
##	[2297,]	0.000000e+00	0.000000e+00	0	0
##	[2298,]	1.000000e+00	0.000000e+00	0	0
##	[2299,]	0.000000e+00	0.000000e+00	0	0
##	[2300,]	0.000000e+00	0.000000e+00	0	0
##	[2301,]	0.000000e+00	0.000000e+00	0	0
##	[2302,]	4.900000e+01	0.000000e+00	0	0
##	[2303,]	0.000000e+00	0.000000e+00	0	0
##	[2304,]	0.000000e+00	0.000000e+00	0	0
##	[2305,]	0.000000e+00	0.000000e+00	0	0
##	[2306,]	0.000000e+00	0.000000e+00	0	0
##	[2307,]	0.000000e+00	0.000000e+00	0	0
##	[2308,]	0.000000e+00	0.000000e+00	0	0
##	[2309,]	0.000000e+00	0.000000e+00	0	0
##	[2310,]	0.000000e+00	0.000000e+00	0	0
##	[2311,]	0.000000e+00	0.000000e+00	0	0
##	[2312,]	1.000000e+00	0.000000e+00	0	0
##	[2313,]	6.400000e+01	0.000000e+00	0	0
##	[2314,]	0.000000e+00	0.000000e+00	0	0

##	[2315,]	0.000000e+00	0.000000e+00	0	0
##	[2316,]	0.000000e+00	0.000000e+00	0	0
##	[2317,]	0.000000e+00	0.000000e+00	0	0
##	[2318,]	0.000000e+00	0.000000e+00	0	0
##	[2319,]	1.488400e+04	0.000000e+00	0	0
##	[2320,]	0.000000e+00	0.000000e+00	0	0
##	[2321,]	9.186961e+06	0.000000e+00	0	0
##	[2322,]	0.000000e+00	0.000000e+00	0	0
##	[2323,]	0.000000e+00	0.000000e+00	0	0
##	[2324,]	2.007040e+05	0.000000e+00	0	0
##	[2325,]	0.000000e+00	0.000000e+00	0	0
##	[2326,]	0.000000e+00	0.000000e+00	0	0
##	[2327,]	9.350890e+05	0.000000e+00	0	0
##	[2328,]	0.000000e+00	0.000000e+00	0	0
##	[2329,]	0.000000e+00	0.000000e+00	0	0
##	[2330,]	0.000000e+00	0.000000e+00	0	0
##	[2331,]	0.000000e+00	0.000000e+00	0	0
##	[2332,]	1.000000e+00	0.000000e+00	0	0
##	[2333,]	2.538605e+08	2.500000e+01	0	0
##	[2334,]	0.000000e+00	0.000000e+00	0	0
##	[2335,]	0.000000e+00	0.000000e+00	0	0
##	[2336,]	0.000000e+00	1.000000e+00	0	0
##	[2337,]	5.436113e+07	3.600000e+01	0	0
##	[2338,]	5.089536e+06	0.000000e+00	0	0
##	[2339,]	0.000000e+00	0.000000e+00	0	0
##	[2340,]	0.000000e+00	0.000000e+00	0	0
##	[2341,]	0.000000e+00	0.000000e+00	0	0
##	[2342,]	2.903616e+06	4.000000e+00	0	0
##	[2343,]	0.000000e+00	0.000000e+00	0	0
##	[2344,]	0.000000e+00	0.000000e+00	0	0
##	[2345,]	7.385684e+07	1.600000e+01	0	0
##	[2346,]	0.000000e+00	0.000000e+00	0	0
##	[2347,]	0.000000e+00	0.000000e+00	0	0
##	[2348,]	0.000000e+00	1.000000e+00	0	0
##	[2349,]	0.000000e+00	0.000000e+00	0	0
##	[2350,]	3.568868e+07	2.500000e+01	0	0
##	[2351,]	0.000000e+00	0.000000e+00	0	0
##	[2352,]	0.000000e+00	0.000000e+00	0	0
##	[2353,]	0.000000e+00	0.000000e+00	0	0
##	[2354,]	0.000000e+00	0.000000e+00	0	0
##	[2355,]	0.000000e+00	0.000000e+00	0	0
##	[2356,]	0.000000e+00	0.000000e+00	0	0
##	[2357,]	0.000000e+00	0.000000e+00	0	0
##	[2358,]	0.000000e+00	0.000000e+00	0	0
##	[2359,]	0.000000e+00	0.000000e+00	0	0
##	[2360,]	0.000000e+00	0.000000e+00	0	0
##	[2361,]	0.000000e+00	0.000000e+00	0	0
##	[2362,]	0.000000e+00	0.000000e+00	0	0
##	[2363,]	2.966662e+08	3.600000e+01	0	0
##	[2364,]	0.000000e+00	0.000000e+00	0	0
##	[2365,]	0.000000e+00	0.000000e+00	0	0
##	[2366,]	0.000000e+00	0.000000e+00	0	0
##	[2367,]	1.000000e+00	0.000000e+00	0	0
##	[2368,]	8.151025e+06	1.000000e+00	0	0

##	[2369,]	0.000000e+00	0.000000e+00	0	0
##	[2370,]	6.426225e+06	0.000000e+00	0	0
##	[2371,]	4.853909e+07	1.000000e+00	0	0
##	[2372,]	0.000000e+00	0.000000e+00	0	0
##	[2373,]	0.000000e+00	0.000000e+00	0	0
##	[2374,]	1.017610e+05	1.000000e+00	0	0
##	[2375,]	0.000000e+00	0.000000e+00	0	0
##	[2376,]	0.000000e+00	0.000000e+00	0	0
##	[2377,]	0.000000e+00	0.000000e+00	0	0
##	[2378,]	0.000000e+00	0.000000e+00	0	0
##	[2379,]	0.000000e+00	0.000000e+00	0	0
##	[2380,]	5.718316e+08	2.500000e+01	0	0
##	[2381,]	0.000000e+00	0.000000e+00	0	0
##	[2382,]	8.798440e+05	1.000000e+00	0	0
##	[2383,]	0.000000e+00	0.000000e+00	0	0
##	[2384,]	0.000000e+00	0.000000e+00	0	0
##	[2385,]	0.000000e+00	0.000000e+00	0	0
##	[2386,]	0.000000e+00	0.000000e+00	0	0
##	[2387,]	2.361960e+07	8.100000e+01	0	0
##	[2388,]	0.000000e+00	0.000000e+00	0	0
##	[2389,]	2.500000e+03	4.000000e+00	0	0
##	[2390,]	0.000000e+00	0.000000e+00	0	0
##	[2391,]	1.000000e+00	0.000000e+00	0	0
##	[2392,]	0.000000e+00	0.000000e+00	0	0
##	[2393,]	0.000000e+00	0.000000e+00	0	0
##	[2394,]	1.690000e+04	0.000000e+00	0	0
##	[2395,]	0.000000e+00	0.000000e+00	0	0
##	[2396,]	0.000000e+00	0.000000e+00	0	0
##	[2397,]	0.000000e+00	0.000000e+00	0	0
##	[2398,]	6.400000e+01	0.000000e+00	0	0
##	[2399,]	0.000000e+00	0.000000e+00	0	0
##	[2400,]	0.000000e+00	0.000000e+00	0	0
##	[2401,]	4.710636e+08	3.600000e+01	1	0
##	[2402,]	0.000000e+00	0.000000e+00	0	0
##	[2403,]	3.266808e+09	3.240000e+02	0	0
##	[2404,]	3.600000e+01	4.000000e+00	0	0
##	[2405,]	1.050625e+10	1.296000e+03	1	0
##	[2406,]	1.000000e+00	0.000000e+00	0	0
##	[2407,]	0.000000e+00	0.000000e+00	0	0
##	[2408,]	0.000000e+00	0.000000e+00	0	0
##	[2409,]	0.000000e+00	0.000000e+00	0	0
##	[2410,]	0.000000e+00	0.000000e+00	0	0
##	[2411,]	0.000000e+00	0.000000e+00	0	0
##	[2412,]	0.000000e+00	0.000000e+00	0	0
##	[2413,]	0.000000e+00	0.000000e+00	0	0
##	[2414,]	0.000000e+00	0.000000e+00	0	0
##	[2415,]	1.000000e+00	0.000000e+00	0	0
##	[2416,]	0.000000e+00	0.000000e+00	0	0
##	[2417,]	0.000000e+00	0.000000e+00	0	0
##	[2418,]	0.000000e+00	0.000000e+00	0	0
##	[2419,]	0.000000e+00	0.000000e+00	0	0
##	[2420,]	0.000000e+00	0.000000e+00	0	0
##	[2421,]	0.000000e+00	0.000000e+00	0	0
##	[2422,]	0.000000e+00	0.000000e+00	0	0

##	[2423,]	1.000000e+00	0.000000e+00	0	0
##	[2424,]	0.000000e+00	0.000000e+00	0	0
##	[2425,]	0.000000e+00	0.000000e+00	0	0
##	[2426,]	0.000000e+00	0.000000e+00	0	0
##	[2427,]	0.000000e+00	0.000000e+00	0	0
##	[2428,]	0.000000e+00	0.000000e+00	0	0
##	[2429,]	0.000000e+00	0.000000e+00	0	0
##	[2430,]	0.000000e+00	0.000000e+00	0	0
##	[2431,]	0.000000e+00	0.000000e+00	0	0
##	[2432,]	7.290000e+02	0.000000e+00	0	0
##	[2433,]	0.000000e+00	0.000000e+00	0	0
##	[2434,]	0.000000e+00	0.000000e+00	0	0
##	[2435,]	0.000000e+00	0.000000e+00	0	0
##	[2436,]	0.000000e+00	0.000000e+00	0	0
##	[2437,]	0.000000e+00	0.000000e+00	0	0
##	[2438,]	0.000000e+00	0.000000e+00	0	0
##	[2439,]	1.276900e+04	0.000000e+00	0	0
##	[2440,]	9.000000e+00	0.000000e+00	0	0
##	[2441,]	2.542176e+07	1.000000e+00	0	0
##	[2442,]	0.000000e+00	0.000000e+00	0	0
##	[2443,]	1.929321e+06	4.000000e+00	0	0
##	[2444,]	8.008900e+04	0.000000e+00	0	0
##	[2445,]	0.000000e+00	0.000000e+00	0	0
##	[2446,]	0.000000e+00	0.000000e+00	0	0
##	[2447,]	0.000000e+00	0.000000e+00	0	0
##	[2448,]	0.000000e+00	0.000000e+00	0	0
##	[2449,]	0.000000e+00	0.000000e+00	0	0
##	[2450,]	0.000000e+00	0.000000e+00	0	0
##	[2451,]	0.000000e+00	0.000000e+00	0	0
##	[2452,]	1.445766e+08	8.100000e+01	0	0
##	[2453,]	5.076009e+06	4.000000e+00	0	0
##	[2454,]	0.000000e+00	0.000000e+00	0	0
##	[2455,]	6.999728e+08	2.500000e+01	0	0
##	[2456,]	0.000000e+00	0.000000e+00	0	0
##	[2457,]	4.000000e+00	1.000000e+00	0	0
##	[2458,]	0.000000e+00	0.000000e+00	0	0
##	[2459,]	0.000000e+00	0.000000e+00	0	0
##	[2460,]	0.000000e+00	0.000000e+00	0	0
##	[2461,]	0.000000e+00	0.000000e+00	0	0
##	[2462,]	0.000000e+00	0.000000e+00	0	0
##	[2463,]	1.623076e+08	1.600000e+01	0	0
##	[2464,]	0.000000e+00	0.000000e+00	0	0
##	[2465,]	0.000000e+00	0.000000e+00	0	0
##	[2466,]	0.000000e+00	0.000000e+00	0	0
##	[2467,]	0.000000e+00	0.000000e+00	0	0
##	[2468,]	4.000000e+00	0.000000e+00	0	0
##	[2469,]	2.356225e+08	3.600000e+01	0	0
##	[2470,]	2.033476e+06	1.000000e+00	0	0
##	[2471,]	0.000000e+00	0.000000e+00	0	0
##	[2472,]	0.000000e+00	0.000000e+00	0	0
##	[2473,]	0.000000e+00	0.000000e+00	0	0
##	[2474,]	0.000000e+00	0.000000e+00	0	0
##	[2475,]	0.000000e+00	0.000000e+00	0	0
##	[2476,]	0.000000e+00	0.000000e+00	0	0

##	[2477,]	0.000000e+00	0.000000e+00	0	0
##	[2478,]	0.000000e+00	0.000000e+00	0	0
##	[2479,]	0.000000e+00	0.000000e+00	0	0
##	[2480,]	0.000000e+00	0.000000e+00	0	0
##	[2481,]	7.732849e+08	4.900000e+01	1	0
##	[2482,]	1.000000e+00	0.000000e+00	0	0
##	[2483,]	6.171674e+07	9.000000e+00	0	0
##	[2484,]	4.000000e+00	0.000000e+00	0	0
##	[2485,]	2.229728e+07	0.000000e+00	1	0
##	[2486,]	0.000000e+00	0.000000e+00	0	0
##	[2487,]	0.000000e+00	0.000000e+00	0	0
##	[2488,]	0.000000e+00	0.000000e+00	0	0
##	[2489,]	0.000000e+00	0.000000e+00	0	0
##	[2490,]	0.000000e+00	0.000000e+00	0	0
##	[2491,]	1.484255e+08	4.000000e+00	0	0
##	[2492,]	0.000000e+00	0.000000e+00	0	0
##	[2493,]	0.000000e+00	0.000000e+00	0	0
##	[2494,]	9.491945e+08	8.100000e+01	0	0
##	[2495,]	0.000000e+00	0.000000e+00	0	0
##	[2496,]	0.000000e+00	1.000000e+00	0	0
##	[2497,]	0.000000e+00	0.000000e+00	0	0
##	[2498,]	0.000000e+00	0.000000e+00	0	0
##	[2499,]	0.000000e+00	0.000000e+00	0	0
##	[2500,]	4.334724e+06	0.000000e+00	0	0
##	[2501,]	0.000000e+00	0.000000e+00	0	0
##	[2502,]	0.000000e+00	0.000000e+00	0	0
##	[2503,]	0.000000e+00	0.000000e+00	0	0
##	[2504,]	0.000000e+00	0.000000e+00	0	0
##	[2505,]	3.143529e+08	2.500000e+01	0	0
##	[2506,]	1.361610e+05	9.000000e+00	0	0
##	[2507,]	0.000000e+00	0.000000e+00	0	0
##	[2508,]	0.000000e+00	0.000000e+00	0	0
##	[2509,]	7.005690e+05	1.000000e+00	0	0
##	[2510,]	0.000000e+00	0.000000e+00	0	0
##	[2511,]	0.000000e+00	0.000000e+00	0	0
##	[2512,]	7.290000e+02	0.000000e+00	0	0
##	[2513,]	0.000000e+00	0.000000e+00	0	0
##	[2514,]	9.000000e+00	0.000000e+00	0	0
##	[2515,]	0.000000e+00	0.000000e+00	0	0
##	[2516,]	0.000000e+00	0.000000e+00	0	0
##	[2517,]	0.000000e+00	0.000000e+00	0	0
##	[2518,]	0.000000e+00	0.000000e+00	0	0
##	[2519,]	1.322500e+04	0.000000e+00	0	0
##	[2520,]	0.000000e+00	0.000000e+00	0	0
##	[2521,]	1.000000e+00	9.000000e+00	0	0
##	[2522,]	2.197065e+10	2.304000e+03	9	0
##	[2523,]	5.591301e+09	4.410000e+02	1	0
##	[2524,]	0.000000e+00	0.000000e+00	0	0
##	[2525,]	0.000000e+00	0.000000e+00	0	0
##	[2526,]	0.000000e+00	0.000000e+00	0	0
##	[2527,]	0.000000e+00	0.000000e+00	0	0
##	[2528,]	4.000000e+00	0.000000e+00	0	0
##	[2529,]	1.593401e+08	8.100000e+01	0	0
##	[2530,]	1.000000e+00	0.000000e+00	0	0

##	[2531,]	0.000000e+00	0.000000e+00	0	0
##	[2532,]	0.000000e+00	0.000000e+00	0	0
##	[2533,]	0.000000e+00	0.000000e+00	0	0
##	[2534,]	0.000000e+00	0.000000e+00	0	0
##	[2535,]	0.000000e+00	0.000000e+00	0	0
##	[2536,]	1.000000e+00	0.000000e+00	0	0
##	[2537,]	0.000000e+00	0.000000e+00	0	0
##	[2538,]	0.000000e+00	0.000000e+00	0	0
##	[2539,]	0.000000e+00	0.000000e+00	0	0
##	[2540,]	0.000000e+00	0.000000e+00	0	0
##	[2541,]	0.000000e+00	0.000000e+00	0	0
##	[2542,]	0.000000e+00	0.000000e+00	0	0
##	[2543,]	0.000000e+00	0.000000e+00	0	0
##	[2544,]	0.000000e+00	0.000000e+00	0	0
##	[2545,]	0.000000e+00	0.000000e+00	0	0
##	[2546,]	4.900000e+01	0.000000e+00	0	0
##	[2547,]	0.000000e+00	0.000000e+00	0	0
##	[2548,]	0.000000e+00	0.000000e+00	0	0
##	[2549,]	0.000000e+00	0.000000e+00	0	0
##	[2550,]	1.000000e+00	0.000000e+00	0	0
##	[2551,]	2.560000e+02	0.000000e+00	0	0
##	[2552,]	1.339560e+05	0.000000e+00	0	0
##	[2553,]	0.000000e+00	0.000000e+00	0	0
##	[2554,]	0.000000e+00	0.000000e+00	0	0
##	[2555,]	1.000000e+00	0.000000e+00	0	0
##	[2556,]	0.000000e+00	0.000000e+00	0	0
##	[2557,]	0.000000e+00	0.000000e+00	0	0
##	[2558,]	0.000000e+00	0.000000e+00	0	0
##	[2559,]	3.600000e+01	0.000000e+00	0	0
##	[2560,]	0.000000e+00	0.000000e+00	0	0
##	[2561,]	0.000000e+00	0.000000e+00	0	0
##	[2562,]	0.000000e+00	0.000000e+00	0	0
##	[2563,]	7.997584e+06	1.000000e+00	0	0
##	[2564,]	0.000000e+00	0.000000e+00	0	0
##	[2565,]	1.000000e+00	0.000000e+00	0	0
##	[2566,]	0.000000e+00	0.000000e+00	0	0
##	[2567,]	0.000000e+00	0.000000e+00	0	0
##	[2568,]	0.000000e+00	0.000000e+00	0	0
##	[2569,]	8.008900e+04	0.000000e+00	0	0
##	[2570,]	2.578608e+07	4.000000e+00	0	0
##	[2571,]	7.732849e+08	8.100000e+01	0	0
##	[2572,]	4.414201e+06	1.600000e+01	0	0
##	[2573,]	1.000000e+00	0.000000e+00	0	0
##	[2574,]	0.000000e+00	0.000000e+00	0	0
##	[2575,]	0.000000e+00	0.000000e+00	0	0
##	[2576,]	0.000000e+00	0.000000e+00	0	0
##	[2577,]	0.000000e+00	0.000000e+00	0	0
##	[2578,]	1.045164e+09	3.600000e+01	0	0
##	[2579,]	0.000000e+00	0.000000e+00	0	0
##	[2580,]	0.000000e+00	0.000000e+00	0	0
##	[2581,]	0.000000e+00	0.000000e+00	0	0
##	[2582,]	0.000000e+00	0.000000e+00	0	0
##	[2583,]	2.169729e+06	0.000000e+00	0	0
##	[2584,]	4.214809e+08	9.000000e+00	1	0

##	[2585,]	0.000000e+00	0.000000e+00	0	0
##	[2586,]	1.000000e+00	4.000000e+00	0	0
##	[2587,]	6.297088e+08	8.100000e+01	9	0
##	[2588,]	0.000000e+00	0.000000e+00	0	0
##	[2589,]	0.000000e+00	0.000000e+00	0	0
##	[2590,]	0.000000e+00	0.000000e+00	0	0
##	[2591,]	0.000000e+00	0.000000e+00	0	0
##	[2592,]	0.000000e+00	0.000000e+00	0	0
##	[2593,]	0.000000e+00	0.000000e+00	0	0
##	[2594,]	0.000000e+00	0.000000e+00	0	0
##	[2595,]	0.000000e+00	0.000000e+00	0	0
##	[2596,]	0.000000e+00	0.000000e+00	0	0
##	[2597,]	0.000000e+00	0.000000e+00	0	0
##	[2598,]	0.000000e+00	0.000000e+00	0	0
##	[2599,]	0.000000e+00	0.000000e+00	0	0
##	[2600,]	0.000000e+00	0.000000e+00	0	0
##	[2601,]	1.958948e+07	9.000000e+00	0	0
##	[2602,]	0.000000e+00	0.000000e+00	0	0
##	[2603,]	0.000000e+00	0.000000e+00	0	0
##	[2604,]	0.000000e+00	0.000000e+00	0	0
##	[2605,]	1.630787e+09	8.100000e+01	0	0
##	[2606,]	0.000000e+00	0.000000e+00	0	0
##	[2607,]	0.000000e+00	0.000000e+00	0	0
##	[2608,]	0.000000e+00	0.000000e+00	0	0
##	[2609,]	0.000000e+00	0.000000e+00	0	0
##	[2610,]	1.153691e+08	3.600000e+01	0	0
##	[2611,]	1.000000e+00	0.000000e+00	0	0
##	[2612,]	0.000000e+00	0.000000e+00	0	0
##	[2613,]	0.000000e+00	0.000000e+00	0	0
##	[2614,]	0.000000e+00	0.000000e+00	0	0
##	[2615,]	0.000000e+00	0.000000e+00	0	0
##	[2616,]	0.000000e+00	0.000000e+00	0	0
##	[2617,]	1.519440e+07	4.000000e+00	0	0
##	[2618,]	0.000000e+00	0.000000e+00	0	0
##	[2619,]	1.753683e+09	1.440000e+02	0	0
##	[2620,]	2.283884e+07	9.000000e+00	0	0
##	[2621,]	0.000000e+00	0.000000e+00	0	0
##	[2622,]	0.000000e+00	1.000000e+00	0	0
##	[2623,]	1.047552e+08	6.400000e+01	0	0
##	[2624,]	0.000000e+00	0.000000e+00	0	0
##	[2625,]	0.000000e+00	0.000000e+00	0	0
##	[2626,]	1.953640e+05	0.000000e+00	0	0
##	[2627,]	1.737124e+06	1.000000e+00	0	0
##	[2628,]	0.000000e+00	0.000000e+00	0	0
##	[2629,]	0.000000e+00	0.000000e+00	0	0
##	[2630,]	0.000000e+00	0.000000e+00	0	0
##	[2631,]	0.000000e+00	0.000000e+00	0	0
##	[2632,]	2.560000e+02	0.000000e+00	0	0
##	[2633,]	1.398760e+05	0.000000e+00	0	0
##	[2634,]	0.000000e+00	0.000000e+00	0	0
##	[2635,]	0.000000e+00	0.000000e+00	0	0
##	[2636,]	0.000000e+00	0.000000e+00	0	0
##	[2637,]	1.000000e+00	0.000000e+00	0	0
##	[2638,]	0.000000e+00	0.000000e+00	0	0

##	[2639,]	0.000000e+00	0.000000e+00	0	0
##	[2640,]	4.900000e+01	0.000000e+00	0	0
##	[2641,]	0.000000e+00	0.000000e+00	0	0
##	[2642,]	4.364452e+09	3.240000e+02	0	0
##	[2643,]	2.757924e+08	2.250000e+02	1	0
##	[2644,]	2.500000e+01	1.000000e+00	0	0
##	[2645,]	0.000000e+00	0.000000e+00	0	0
##	[2646,]	0.000000e+00	0.000000e+00	0	0
##	[2647,]	0.000000e+00	0.000000e+00	0	0
##	[2648,]	3.568170e+10	5.329000e+03	1	0
##	[2649,]	4.000000e+00	0.000000e+00	0	0
##	[2650,]	0.000000e+00	0.000000e+00	0	0
##	[2651,]	0.000000e+00	0.000000e+00	0	0
##	[2652,]	0.000000e+00	0.000000e+00	0	0
##	[2653,]	0.000000e+00	0.000000e+00	0	0
##	[2654,]	0.000000e+00	0.000000e+00	0	0
##	[2655,]	0.000000e+00	0.000000e+00	0	0
##	[2656,]	0.000000e+00	0.000000e+00	0	0
##	[2657,]	1.000000e+00	0.000000e+00	0	0
##	[2658,]	0.000000e+00	0.000000e+00	0	0
##	[2659,]	0.000000e+00	0.000000e+00	0	0
##	[2660,]	0.000000e+00	0.000000e+00	0	0
##	[2661,]	0.000000e+00	0.000000e+00	0	0
##	[2662,]	1.960000e+02	0.000000e+00	0	0
##	[2663,]	0.000000e+00	0.000000e+00	0	0
##	[2664,]	0.000000e+00	0.000000e+00	0	0
##	[2665,]	0.000000e+00	0.000000e+00	0	0
##	[2666,]	0.000000e+00	0.000000e+00	0	0
##	[2667,]	0.000000e+00	0.000000e+00	0	0
##	[2668,]	0.000000e+00	0.000000e+00	0	0
##	[2669,]	0.000000e+00	0.000000e+00	0	0
##	[2670,]	0.000000e+00	0.000000e+00	0	0
##	[2671,]	0.000000e+00	0.000000e+00	0	0
##	[2672,]	0.000000e+00	0.000000e+00	0	0
##	[2673,]	0.000000e+00	0.000000e+00	0	0
##	[2674,]	1.440000e+02	0.000000e+00	0	0
##	[2675,]	0.000000e+00	0.000000e+00	0	0
##	[2676,]	2.735290e+05	1.000000e+00	0	0
##	[2677,]	0.000000e+00	0.000000e+00	0	0
##	[2678,]	0.000000e+00	0.000000e+00	0	0
##	[2679,]	9.000000e+00	0.000000e+00	0	0
##	[2680,]	0.000000e+00	0.000000e+00	0	0
##	[2681,]	0.000000e+00	0.000000e+00	0	0
##	[2682,]	1.164857e+07	1.000000e+00	0	0
##	[2683,]	0.000000e+00	0.000000e+00	0	0
##	[2684,]	0.000000e+00	0.000000e+00	0	0
##	[2685,]	0.000000e+00	0.000000e+00	0	0
##	[2686,]	0.000000e+00	0.000000e+00	0	0
##	[2687,]	0.000000e+00	0.000000e+00	0	0
##	[2688,]	4.000000e+00	0.000000e+00	0	0
##	[2689,]	1.713960e+05	1.000000e+00	0	0
##	[2690,]	2.508006e+07	0.000000e+00	0	0
##	[2691,]	0.000000e+00	0.000000e+00	0	0
##	[2692,]	6.694121e+08	8.100000e+01	0	0

##	[2693,]	0.000000e+00	0.000000e+00	0	0
##	[2694,]	1.414888e+09	4.840000e+02	0	0
##	[2695,]	0.000000e+00	0.000000e+00	0	0
##	[2696,]	0.000000e+00	0.000000e+00	0	0
##	[2697,]	1.265225e+07	2.500000e+01	0	0
##	[2698,]	0.000000e+00	0.000000e+00	0	0
##	[2699,]	4.000000e+00	0.000000e+00	0	0
##	[2700,]	0.000000e+00	0.000000e+00	0	0
##	[2701,]	0.000000e+00	0.000000e+00	0	0
##	[2702,]	0.000000e+00	0.000000e+00	0	0
##	[2703,]	0.000000e+00	0.000000e+00	0	0
##	[2704,]	9.000000e+00	1.000000e+00	0	0
##	[2705,]	1.267218e+09	1.690000e+02	1	0
##	[2706,]	0.000000e+00	0.000000e+00	0	0
##	[2707,]	0.000000e+00	0.000000e+00	0	0
##	[2708,]	0.000000e+00	0.000000e+00	0	0
##	[2709,]	1.871971e+08	9.000000e+00	0	0
##	[2710,]	3.747888e+07	1.000000e+00	0	0
##	[2711,]	0.000000e+00	0.000000e+00	0	0
##	[2712,]	0.000000e+00	0.000000e+00	0	0
##	[2713,]	0.000000e+00	0.000000e+00	0	0
##	[2714,]	0.000000e+00	0.000000e+00	0	0
##	[2715,]	0.000000e+00	0.000000e+00	0	0
##	[2716,]	0.000000e+00	0.000000e+00	0	0
##	[2717,]	0.000000e+00	0.000000e+00	0	0
##	[2718,]	0.000000e+00	0.000000e+00	0	0
##	[2719,]	0.000000e+00	0.000000e+00	0	0
##	[2720,]	1.000000e+00	0.000000e+00	0	0
##	[2721,]	0.000000e+00	0.000000e+00	0	0
##	[2722,]	0.000000e+00	0.000000e+00	0	0
##	[2723,]	0.000000e+00	0.000000e+00	0	0
##	[2724,]	0.000000e+00	0.000000e+00	0	0
##	[2725,]	0.000000e+00	0.000000e+00	0	0
##	[2726,]	0.000000e+00	0.000000e+00	0	0
##	[2727,]	1.289528e+07	9.000000e+00	1	0
##	[2728,]	0.000000e+00	0.000000e+00	0	0
##	[2729,]	4.284226e+09	2.250000e+02	0	0
##	[2730,]	1.266975e+08	9.000000e+00	0	0
##	[2731,]	0.000000e+00	0.000000e+00	0	0
##	[2732,]	0.000000e+00	0.000000e+00	0	0
##	[2733,]	6.620329e+06	1.600000e+01	0	0
##	[2734,]	0.000000e+00	0.000000e+00	0	0
##	[2735,]	0.000000e+00	0.000000e+00	0	0
##	[2736,]	1.023739e+08	4.000000e+00	0	0
##	[2737,]	0.000000e+00	0.000000e+00	0	0
##	[2738,]	0.000000e+00	0.000000e+00	0	0
##	[2739,]	0.000000e+00	0.000000e+00	0	0
##	[2740,]	1.639683e+09	3.240000e+02	0	0
##	[2741,]	0.000000e+00	0.000000e+00	0	0
##	[2742,]	0.000000e+00	0.000000e+00	0	0
##	[2743,]	2.965284e+06	0.000000e+00	0	0
##	[2744,]	0.000000e+00	0.000000e+00	0	0
##	[2745,]	0.000000e+00	0.000000e+00	0	0
##	[2746,]	0.000000e+00	0.000000e+00	0	0

##	[2747,]	0.000000e+00	0.000000e+00	0	0
##	[2748,]	1.225000e+05	1.000000e+00	0	0
##	[2749,]	0.000000e+00	0.000000e+00	0	0
##	[2750,]	2.235398e+07	2.500000e+01	0	0
##	[2751,]	0.000000e+00	0.000000e+00	0	0
##	[2752,]	0.000000e+00	0.000000e+00	0	0
##	[2753,]	0.000000e+00	0.000000e+00	0	0
##	[2754,]	0.000000e+00	0.000000e+00	0	0
##	[2755,]	0.000000e+00	0.000000e+00	0	0
##	[2756,]	1.690000e+02	0.000000e+00	0	0
##	[2757,]	9.000000e+00	0.000000e+00	0	0
##	[2758,]	2.894440e+05	1.000000e+00	0	0
##	[2759,]	0.000000e+00	0.000000e+00	0	0
##	[2760,]	0.000000e+00	0.000000e+00	0	0
##	[2761,]	0.000000e+00	0.000000e+00	0	0
##	[2762,]	8.511354e+09	1.521000e+03	0	0
##	[2763,]	0.000000e+00	0.000000e+00	0	0
##	[2764,]	2.250000e+02	8.100000e+01	0	0
##	[2765,]	6.121666e+08	1.690000e+02	0	0
##	[2766,]	0.000000e+00	0.000000e+00	0	0
##	[2767,]	0.000000e+00	0.000000e+00	0	0
##	[2768,]	0.000000e+00	0.000000e+00	0	0
##	[2769,]	4.959529e+10	7.744000e+03	9	0
##	[2770,]	9.000000e+00	0.000000e+00	0	0
##	[2771,]	0.000000e+00	0.000000e+00	0	0
##	[2772,]	0.000000e+00	0.000000e+00	0	0
##	[2773,]	0.000000e+00	0.000000e+00	0	0
##	[2774,]	0.000000e+00	0.000000e+00	0	0
##	[2775,]	0.000000e+00	0.000000e+00	0	0
##	[2776,]	0.000000e+00	0.000000e+00	0	0
##	[2777,]	0.000000e+00	0.000000e+00	0	0
##	[2778,]	0.000000e+00	0.000000e+00	0	0
##	[2779,]	0.000000e+00	0.000000e+00	0	0
##	[2780,]	0.000000e+00	0.000000e+00	0	0
##	[2781,]	4.840000e+02	0.000000e+00	0	0
##	[2782,]	0.000000e+00	0.000000e+00	0	0
##	[2783,]	0.000000e+00	0.000000e+00	0	0
##	[2784,]	0.000000e+00	0.000000e+00	0	0
##	[2785,]	0.000000e+00	0.000000e+00	0	0
##	[2786,]	0.000000e+00	0.000000e+00	0	0
##	[2787,]	0.000000e+00	0.000000e+00	0	0
##	[2788,]	0.000000e+00	0.000000e+00	0	0
##	[2789,]	1.000000e+00	0.000000e+00	0	0
##	[2790,]	0.000000e+00	0.000000e+00	0	0
##	[2791,]	2.510010e+05	0.000000e+00	0	0
##	[2792,]	0.000000e+00	0.000000e+00	0	0
##	[2793,]	2.500000e+01	0.000000e+00	0	0
##	[2794,]	0.000000e+00	0.000000e+00	0	0
##	[2795,]	0.000000e+00	0.000000e+00	0	0
##	[2796,]	0.000000e+00	0.000000e+00	0	0
##	[2797,]	0.000000e+00	0.000000e+00	0	0
##	[2798,]	0.000000e+00	0.000000e+00	0	0
##	[2799,]	1.690000e+02	0.000000e+00	0	0
##	[2800,]	0.000000e+00	0.000000e+00	0	0

##	[2801,]	0.000000e+00	0.000000e+00	0	0
##	[2802,]	6.740410e+05	0.000000e+00	0	0
##	[2803,]	3.877553e+07	1.600000e+01	0	0
##	[2804,]	1.075184e+07	1.000000e+00	0	0
##	[2805,]	0.000000e+00	0.000000e+00	0	0
##	[2806,]	0.000000e+00	0.000000e+00	0	0
##	[2807,]	4.000000e+00	1.000000e+00	0	0
##	[2808,]	0.000000e+00	0.000000e+00	0	0
##	[2809,]	0.000000e+00	0.000000e+00	0	0
##	[2810,]	0.000000e+00	0.000000e+00	0	0
##	[2811,]	1.017801e+09	1.600000e+01	0	0
##	[2812,]	2.362932e+07	2.500000e+01	0	0
##	[2813,]	2.487216e+09	4.410000e+02	1	0
##	[2814,]	4.900000e+01	9.000000e+00	0	0
##	[2815,]	0.000000e+00	0.000000e+00	0	0
##	[2816,]	4.000000e+00	0.000000e+00	0	0
##	[2817,]	0.000000e+00	0.000000e+00	0	0
##	[2818,]	0.000000e+00	0.000000e+00	0	0
##	[2819,]	0.000000e+00	0.000000e+00	0	0
##	[2820,]	0.000000e+00	0.000000e+00	0	0
##	[2821,]	0.000000e+00	0.000000e+00	0	0
##	[2822,]	0.000000e+00	0.000000e+00	0	0
##	[2823,]	0.000000e+00	0.000000e+00	0	0
##	[2824,]	7.708840e+07	3.600000e+01	0	0
##	[2825,]	0.000000e+00	0.000000e+00	0	0
##	[2826,]	0.000000e+00	0.000000e+00	0	0
##	[2827,]	3.027310e+09	3.610000e+02	0	0
##	[2828,]	4.067079e+08	1.000000e+02	0	0
##	[2829,]	2.500000e+01	0.000000e+00	0	0
##	[2830,]	0.000000e+00	0.000000e+00	0	0
##	[2831,]	0.000000e+00	0.000000e+00	0	0
##	[2832,]	0.000000e+00	0.000000e+00	0	0
##	[2833,]	0.000000e+00	0.000000e+00	0	0
##	[2834,]	0.000000e+00	0.000000e+00	0	0
##	[2835,]	1.000000e+00	0.000000e+00	0	0
##	[2836,]	0.000000e+00	0.000000e+00	0	0
##	[2837,]	0.000000e+00	0.000000e+00	0	0
##	[2838,]	0.000000e+00	0.000000e+00	0	0
##	[2839,]	0.000000e+00	0.000000e+00	0	0
##	[2840,]	0.000000e+00	0.000000e+00	0	0
##	[2841,]	2.037471e+08	8.100000e+01	0	0
##	[2842,]	1.000000e+00	9.000000e+00	0	0
##	[2843,]	8.029594e+09	7.840000e+02	1	0
##	[2844,]	5.744124e+07	0.000000e+00	0	0
##	[2845,]	0.000000e+00	0.000000e+00	0	0
##	[2846,]	1.000000e+00	0.000000e+00	0	0
##	[2847,]	0.000000e+00	0.000000e+00	0	0
##	[2848,]	0.000000e+00	0.000000e+00	0	0
##	[2849,]	0.000000e+00	0.000000e+00	0	0
##	[2850,]	0.000000e+00	0.000000e+00	0	0
##	[2851,]	0.000000e+00	1.000000e+00	0	0
##	[2852,]	0.000000e+00	0.000000e+00	0	0
##	[2853,]	0.000000e+00	0.000000e+00	0	0
##	[2854,]	0.000000e+00	0.000000e+00	0	0

##	[2855,]	0.000000e+00	0.000000e+00	0	0
##	[2856,]	0.000000e+00	0.000000e+00	0	0
##	[2857,]	2.163841e+08	1.690000e+02	0	0
##	[2858,]	0.000000e+00	0.000000e+00	0	0
##	[2859,]	3.513375e+08	6.400000e+01	0	0
##	[2860,]	5.216656e+06	0.000000e+00	0	0
##	[2861,]	0.000000e+00	0.000000e+00	0	0
##	[2862,]	0.000000e+00	0.000000e+00	0	0
##	[2863,]	0.000000e+00	0.000000e+00	0	0
##	[2864,]	0.000000e+00	1.000000e+00	0	0
##	[2865,]	0.000000e+00	0.000000e+00	0	0
##	[2866,]	1.738890e+05	4.000000e+00	0	0
##	[2867,]	1.041998e+07	6.400000e+01	1	0
##	[2868,]	6.278978e+07	4.000000e+00	0	0
##	[2869,]	0.000000e+00	0.000000e+00	0	0
##	[2870,]	0.000000e+00	0.000000e+00	0	0
##	[2871,]	0.000000e+00	0.000000e+00	0	0
##	[2872,]	0.000000e+00	0.000000e+00	0	0
##	[2873,]	0.000000e+00	0.000000e+00	0	0
##	[2874,]	0.000000e+00	0.000000e+00	0	0
##	[2875,]	2.735290e+05	0.000000e+00	0	0
##	[2876,]	0.000000e+00	0.000000e+00	0	0
##	[2877,]	2.500000e+01	0.000000e+00	0	0
##	[2878,]	0.000000e+00	0.000000e+00	0	0
##	[2879,]	2.250000e+02	0.000000e+00	0	0
##	[2880,]	0.000000e+00	0.000000e+00	0	0
##	[2881,]	0.000000e+00	0.000000e+00	0	0
##	[2882,]	6.966221e+10	1.562500e+04	4	0
##	[2883,]	3.600000e+01	1.440000e+02	0	0
##	[2884,]	1.600000e+01	0.000000e+00	0	0
##	[2885,]	2.519438e+09	6.250000e+02	1	0
##	[2886,]	0.000000e+00	0.000000e+00	0	0
##	[2887,]	0.000000e+00	0.000000e+00	0	0
##	[2888,]	0.000000e+00	0.000000e+00	0	0
##	[2889,]	7.665146e+08	1.000000e+02	1	0
##	[2890,]	0.000000e+00	0.000000e+00	0	0
##	[2891,]	0.000000e+00	0.000000e+00	0	0
##	[2892,]	0.000000e+00	0.000000e+00	0	0
##	[2893,]	0.000000e+00	0.000000e+00	0	0
##	[2894,]	0.000000e+00	0.000000e+00	0	0
##	[2895,]	0.000000e+00	0.000000e+00	0	0
##	[2896,]	0.000000e+00	0.000000e+00	0	0
##	[2897,]	0.000000e+00	0.000000e+00	0	0
##	[2898,]	0.000000e+00	0.000000e+00	0	0
##	[2899,]	0.000000e+00	0.000000e+00	0	0
##	[2900,]	0.000000e+00	0.000000e+00	0	0
##	[2901,]	0.000000e+00	0.000000e+00	0	0
##	[2902,]	0.000000e+00	0.000000e+00	0	0
##	[2903,]	0.000000e+00	0.000000e+00	0	0
##	[2904,]	1.000000e+00	0.000000e+00	0	0
##	[2905,]	0.000000e+00	0.000000e+00	0	0
##	[2906,]	0.000000e+00	0.000000e+00	0	0
##	[2907,]	0.000000e+00	0.000000e+00	0	0
##	[2908,]	3.240000e+02	0.000000e+00	0	0

##	[2909,]	0.000000e+00	0.000000e+00	0	0
##	[2910,]	0.000000e+00	0.000000e+00	0	0
##	[2911,]	0.000000e+00	0.000000e+00	0	0
##	[2912,]	1.960000e+02	0.000000e+00	0	0
##	[2913,]	0.000000e+00	0.000000e+00	0	0
##	[2914,]	3.600000e+01	0.000000e+00	0	0
##	[2915,]	0.000000e+00	0.000000e+00	0	0
##	[2916,]	0.000000e+00	0.000000e+00	0	0
##	[2917,]	8.464000e+05	1.000000e+00	0	0
##	[2918,]	0.000000e+00	0.000000e+00	0	0
##	[2919,]	0.000000e+00	0.000000e+00	0	0
##	[2920,]	0.000000e+00	0.000000e+00	0	0
##	[2921,]	1.077444e+06	0.000000e+00	0	0
##	[2922,]	3.467044e+06	1.000000e+00	0	0
##	[2923,]	0.000000e+00	0.000000e+00	0	0
##	[2924,]	0.000000e+00	0.000000e+00	0	0
##	[2925,]	0.000000e+00	0.000000e+00	0	0
##	[2926,]	0.000000e+00	0.000000e+00	0	0
##	[2927,]	0.000000e+00	0.000000e+00	0	0
##	[2928,]	0.000000e+00	0.000000e+00	0	0
##	[2929,]	0.000000e+00	0.000000e+00	0	0
##	[2930,]	1.314692e+08	2.500000e+01	0	0
##	[2931,]	1.074747e+08	4.900000e+01	1	0
##	[2932,]	1.000000e+00	9.000000e+00	0	0
##	[2933,]	0.000000e+00	0.000000e+00	0	0
##	[2934,]	0.000000e+00	0.000000e+00	0	0
##	[2935,]	0.000000e+00	0.000000e+00	0	0
##	[2936,]	0.000000e+00	0.000000e+00	0	0
##	[2937,]	1.000000e+00	0.000000e+00	0	0
##	[2938,]	0.000000e+00	0.000000e+00	0	0
##	[2939,]	2.130724e+08	6.400000e+01	0	0
##	[2940,]	5.417549e+09	1.849000e+03	0	0
##	[2941,]	4.790024e+07	9.000000e+00	0	0
##	[2942,]	0.000000e+00	0.000000e+00	0	0
##	[2943,]	0.000000e+00	0.000000e+00	0	0
##	[2944,]	0.000000e+00	0.000000e+00	0	0
##	[2945,]	9.810902e+07	4.900000e+01	0	0
##	[2946,]	0.000000e+00	0.000000e+00	0	0
##	[2947,]	1.000000e+00	9.000000e+00	0	0
##	[2948,]	1.000000e+00	0.000000e+00	0	0
##	[2949,]	5.784363e+09	3.240000e+02	4	0
##	[2950,]	0.000000e+00	0.000000e+00	0	0
##	[2951,]	0.000000e+00	0.000000e+00	0	0
##	[2952,]	0.000000e+00	0.000000e+00	0	0
##	[2953,]	0.000000e+00	0.000000e+00	0	0
##	[2954,]	0.000000e+00	0.000000e+00	0	0
##	[2955,]	0.000000e+00	0.000000e+00	0	0
##	[2956,]	0.000000e+00	0.000000e+00	0	0
##	[2957,]	0.000000e+00	0.000000e+00	0	0
##	[2958,]	0.000000e+00	0.000000e+00	0	0
##	[2959,]	0.000000e+00	0.000000e+00	0	0
##	[2960,]	0.000000e+00	0.000000e+00	0	0
##	[2961,]	4.348084e+07	0.000000e+00	0	0
##	[2962,]	0.000000e+00	0.000000e+00	0	0

##	[2963,]	0.000000e+00	0.000000e+00	0	0
##	[2964,]	1.000000e+00	1.000000e+00	0	0
##	[2965,]	4.000000e+00	0.000000e+00	0	0
##	[2966,]	0.000000e+00	0.000000e+00	0	0
##	[2967,]	0.000000e+00	0.000000e+00	0	0
##	[2968,]	0.000000e+00	0.000000e+00	0	0
##	[2969,]	8.268265e+07	2.500000e+01	1	0
##	[2970,]	5.725949e+09	8.410000e+02	0	0
##	[2971,]	4.831644e+08	4.840000e+02	0	0
##	[2972,]	1.000000e+00	4.000000e+00	0	0
##	[2973,]	0.000000e+00	0.000000e+00	0	0
##	[2974,]	0.000000e+00	0.000000e+00	0	0
##	[2975,]	0.000000e+00	0.000000e+00	0	0
##	[2976,]	5.659641e+06	0.000000e+00	0	0
##	[2977,]	0.000000e+00	0.000000e+00	0	0
##	[2978,]	1.029210e+08	4.000000e+00	0	0
##	[2979,]	0.000000e+00	0.000000e+00	0	0
##	[2980,]	0.000000e+00	0.000000e+00	0	0
##	[2981,]	0.000000e+00	0.000000e+00	0	0
##	[2982,]	2.108646e+07	4.000000e+00	0	0
##	[2983,]	0.000000e+00	0.000000e+00	0	0
##	[2984,]	0.000000e+00	0.000000e+00	0	0
##	[2985,]	0.000000e+00	0.000000e+00	0	0
##	[2986,]	2.662560e+07	6.400000e+01	0	0
##	[2987,]	0.000000e+00	0.000000e+00	0	0
##	[2988,]	4.000000e+00	9.000000e+00	0	0
##	[2989,]	0.000000e+00	0.000000e+00	0	0
##	[2990,]	1.497690e+05	0.000000e+00	0	0
##	[2991,]	4.900000e+01	0.000000e+00	0	0
##	[2992,]	0.000000e+00	0.000000e+00	0	0
##	[2993,]	0.000000e+00	0.000000e+00	0	0
##	[2994,]	0.000000e+00	0.000000e+00	0	0
##	[2995,]	1.960000e+02	0.000000e+00	0	0
##	[2996,]	0.000000e+00	0.000000e+00	0	0
##	[2997,]	0.000000e+00	0.000000e+00	0	0
##	[2998,]	0.000000e+00	0.000000e+00	0	0
##	[2999,]	8.798440e+05	1.000000e+00	0	0
##	[3000,]	0.000000e+00	0.000000e+00	0	0
##	[3001,]	0.000000e+00	0.000000e+00	0	0
##	[3002,]	0.000000e+00	0.000000e+00	0	0
##	[3003,]	4.000000e+00	0.000000e+00	0	0
##	[3004,]	0.000000e+00	0.000000e+00	0	0
##	[3005,]	0.000000e+00	0.000000e+00	0	0
##	[3006,]	0.000000e+00	0.000000e+00	0	0
##	[3007,]	8.330324e+10	1.345600e+04	64	0
##	[3008,]	5.297365e+09	1.089000e+03	1	0
##	[3009,]	1.667906e+09	1.960000e+02	4	0
##	[3010,]	4.840000e+02	8.100000e+01	0	0
##	[3011,]	4.000000e+00	0.000000e+00	0	0
##	[3012,]	0.000000e+00	0.000000e+00	0	0
##	[3013,]	0.000000e+00	0.000000e+00	0	0
##	[3014,]	0.000000e+00	0.000000e+00	0	0
##	[3015,]	0.000000e+00	0.000000e+00	0	0
##	[3016,]	0.000000e+00	0.000000e+00	0	0

##	[3017,]	0.000000e+00	0.000000e+00	0	0
##	[3018,]	0.000000e+00	0.000000e+00	0	0
##	[3019,]	0.000000e+00	0.000000e+00	0	0
##	[3020,]	0.000000e+00	0.000000e+00	0	0
##	[3021,]	0.000000e+00	0.000000e+00	0	0
##	[3022,]	0.000000e+00	0.000000e+00	0	0
##	[3023,]	0.000000e+00	0.000000e+00	0	0
##	[3024,]	0.000000e+00	0.000000e+00	0	0
##	[3025,]	6.864400e+04	0.000000e+00	0	0
##	[3026,]	0.000000e+00	0.000000e+00	0	0
##	[3027,]	0.000000e+00	0.000000e+00	0	0
##	[3028,]	0.000000e+00	0.000000e+00	0	0
##	[3029,]	0.000000e+00	0.000000e+00	0	0
##	[3030,]	0.000000e+00	0.000000e+00	0	0
##	[3031,]	0.000000e+00	0.000000e+00	0	0
##	[3032,]	0.000000e+00	0.000000e+00	0	0
##	[3033,]	5.837056e+06	1.000000e+00	0	0
##	[3034,]	1.960000e+02	1.000000e+00	0	0
##	[3035,]	0.000000e+00	0.000000e+00	0	0
##	[3036,]	0.000000e+00	0.000000e+00	0	0
##	[3037,]	0.000000e+00	0.000000e+00	0	0
##	[3038,]	0.000000e+00	0.000000e+00	0	0
##	[3039,]	0.000000e+00	0.000000e+00	0	0
##	[3040,]	3.240000e+02	0.000000e+00	0	0
##	[3041,]	0.000000e+00	0.000000e+00	0	0
##	[3042,]	0.000000e+00	0.000000e+00	0	0
##	[3043,]	2.033191e+08	4.900000e+01	0	0
##	[3044,]	0.000000e+00	0.000000e+00	0	0
##	[3045,]	0.000000e+00	0.000000e+00	0	0
##	[3046,]	0.000000e+00	0.000000e+00	0	0
##	[3047,]	4.460544e+06	1.000000e+00	0	0
##	[3048,]	0.000000e+00	0.000000e+00	0	0
##	[3049,]	1.000000e+00	1.000000e+00	0	0
##	[3050,]	2.310400e+06	0.000000e+00	0	0
##	[3051,]	6.400000e+01	1.600000e+01	0	0
##	[3052,]	1.213743e+08	6.400000e+01	1	0
##	[3053,]	9.915579e+09	1.521000e+03	1	0
##	[3054,]	4.000000e+00	0.000000e+00	0	0
##	[3055,]	0.000000e+00	0.000000e+00	0	0
##	[3056,]	0.000000e+00	0.000000e+00	0	0
##	[3057,]	3.224179e+08	3.600000e+01	0	0
##	[3058,]	0.000000e+00	0.000000e+00	0	0
##	[3059,]	0.000000e+00	0.000000e+00	0	0
##	[3060,]	0.000000e+00	0.000000e+00	0	0
##	[3061,]	0.000000e+00	0.000000e+00	0	0
##	[3062,]	0.000000e+00	0.000000e+00	0	0
##	[3063,]	0.000000e+00	0.000000e+00	0	0
##	[3064,]	8.076617e+07	6.400000e+01	0	0
##	[3065,]	0.000000e+00	0.000000e+00	0	0
##	[3066,]	1.080311e+10	9.610000e+02	1	0
##	[3067,]	4.900000e+01	4.000000e+00	0	0
##	[3068,]	2.321966e+08	9.000000e+00	0	0
##	[3069,]	0.000000e+00	0.000000e+00	0	0
##	[3070,]	0.000000e+00	0.000000e+00	0	0

##	[3071,]	0.000000e+00	0.000000e+00	0	0
##	[3072,]	1.600000e+01	0.000000e+00	0	0
##	[3073,]	0.000000e+00	0.000000e+00	0	0
##	[3074,]	0.000000e+00	0.000000e+00	0	0
##	[3075,]	0.000000e+00	0.000000e+00	0	0
##	[3076,]	0.000000e+00	0.000000e+00	0	0
##	[3077,]	0.000000e+00	0.000000e+00	0	0
##	[3078,]	0.000000e+00	0.000000e+00	0	0
##	[3079,]	0.000000e+00	0.000000e+00	0	0
##	[3080,]	1.000000e+00	0.000000e+00	0	0
##	[3081,]	4.000000e+00	1.000000e+00	0	0
##	[3082,]	0.000000e+00	0.000000e+00	0	0
##	[3083,]	0.000000e+00	0.000000e+00	0	0
##	[3084,]	0.000000e+00	0.000000e+00	0	0
##	[3085,]	0.000000e+00	0.000000e+00	0	0
##	[3086,]	0.000000e+00	0.000000e+00	0	0
##	[3087,]	1.967287e+08	4.000000e+00	0	0
##	[3088,]	2.808046e+09	4.840000e+02	36	0
##	[3089,]	1.871428e+07	4.000000e+00	1	0
##	[3090,]	0.000000e+00	0.000000e+00	0	0
##	[3091,]	0.000000e+00	0.000000e+00	0	0
##	[3092,]	0.000000e+00	0.000000e+00	0	0
##	[3093,]	0.000000e+00	0.000000e+00	0	0
##	[3094,]	1.953845e+08	1.000000e+02	0	0
##	[3095,]	0.000000e+00	0.000000e+00	0	0
##	[3096,]	0.000000e+00	0.000000e+00	0	0
##	[3097,]	0.000000e+00	0.000000e+00	0	0
##	[3098,]	1.016462e+09	1.960000e+02	0	0
##	[3099,]	1.000000e+00	1.000000e+00	0	0
##	[3100,]	8.611840e+05	0.000000e+00	1	0
##	[3101,]	7.840000e+04	4.000000e+00	0	0
##	[3102,]	0.000000e+00	0.000000e+00	0	0
##	[3103,]	0.000000e+00	0.000000e+00	0	0
##	[3104,]	0.000000e+00	0.000000e+00	0	0
##	[3105,]	2.863320e+07	1.000000e+00	0	0
##	[3106,]	9.000000e+00	0.000000e+00	0	0
##	[3107,]	1.505440e+07	4.900000e+01	0	0
##	[3108,]	0.000000e+00	0.000000e+00	0	0
##	[3109,]	0.000000e+00	0.000000e+00	0	0
##	[3110,]	0.000000e+00	0.000000e+00	0	0
##	[3111,]	0.000000e+00	0.000000e+00	0	0
##	[3112,]	7.203856e+06	1.000000e+00	0	0
##	[3113,]	0.000000e+00	0.000000e+00	0	0
##	[3114,]	0.000000e+00	0.000000e+00	0	0
##	[3115,]	0.000000e+00	0.000000e+00	0	0
##	[3116,]	0.000000e+00	0.000000e+00	0	0
##	[3117,]	1.960000e+02	1.000000e+00	0	0
##	[3118,]	0.000000e+00	0.000000e+00	0	0
##	[3119,]	3.610000e+02	0.000000e+00	0	0
##	[3120,]	0.000000e+00	0.000000e+00	0	0
##	[3121,]	0.000000e+00	0.000000e+00	0	0
##	[3122,]	7.236154e+10	3.312400e+04	9	0
##	[3123,]	0.000000e+00	0.000000e+00	0	0
##	[3124,]	1.091398e+10	7.290000e+02	9	0

##	[3125,]	0.000000e+00	0.000000e+00	0	0
##	[3126,]	2.066339e+09	1.225000e+03	0	0
##	[3127,]	1.000000e+00	0.000000e+00	0	0
##	[3128,]	9.000000e+00	0.000000e+00	0	0
##	[3129,]	2.890000e+02	2.250000e+02	0	0
##	[3130,]	0.000000e+00	0.000000e+00	0	0
##	[3131,]	0.000000e+00	0.000000e+00	0	0
##	[3132,]	0.000000e+00	0.000000e+00	0	0
##	[3133,]	0.000000e+00	0.000000e+00	0	0
##	[3134,]	0.000000e+00	0.000000e+00	0	0
##	[3135,]	0.000000e+00	0.000000e+00	0	0
##	[3136,]	0.000000e+00	0.000000e+00	0	0
##	[3137,]	0.000000e+00	0.000000e+00	0	0
##	[3138,]	0.000000e+00	0.000000e+00	0	0
##	[3139,]	0.000000e+00	0.000000e+00	0	0
##	[3140,]	0.000000e+00	0.000000e+00	0	0
##	[3141,]	0.000000e+00	0.000000e+00	0	0
##	[3142,]	0.000000e+00	0.000000e+00	0	0
##	[3143,]	0.000000e+00	0.000000e+00	0	0
##	[3144,]	1.000000e+00	0.000000e+00	0	0
##	[3145,]	0.000000e+00	0.000000e+00	0	0
##	[3146,]	0.000000e+00	0.000000e+00	0	0
##	[3147,]	5.270760e+05	0.000000e+00	0	0
##	[3148,]	0.000000e+00	0.000000e+00	0	0
##	[3149,]	0.000000e+00	0.000000e+00	0	0
##	[3150,]	0.000000e+00	0.000000e+00	0	0
##	[3151,]	0.000000e+00	0.000000e+00	0	0
##	[3152,]	1.943928e+07	1.000000e+00	0	0
##	[3153,]	2.401000e+03	0.000000e+00	0	0
##	[3154,]	4.410000e+02	0.000000e+00	0	0
##	[3155,]	0.000000e+00	0.000000e+00	0	0
##	[3156,]	0.000000e+00	0.000000e+00	0	0
##	[3157,]	0.000000e+00	0.000000e+00	0	0
##	[3158,]	0.000000e+00	0.000000e+00	0	0
##	[3159,]	0.000000e+00	0.000000e+00	0	0
##	[3160,]	0.000000e+00	0.000000e+00	0	0
##	[3161,]	0.000000e+00	0.000000e+00	0	0
##	[3162,]	0.000000e+00	0.000000e+00	0	0
##	[3163,]	0.000000e+00	0.000000e+00	0	0
##	[3164,]	9.000000e+00	0.000000e+00	0	0
##	[3165,]	0.000000e+00	0.000000e+00	0	0
##	[3166,]	0.000000e+00	0.000000e+00	0	0
##	[3167,]	4.717584e+06	1.000000e+00	0	0
##	[3168,]	0.000000e+00	0.000000e+00	0	0
##	[3169,]	4.197172e+08	1.210000e+02	0	0
##	[3170,]	6.786025e+06	1.600000e+01	0	0
##	[3171,]	1.504793e+10	3.969000e+03	9	0
##	[3172,]	3.813818e+08	3.240000e+02	0	0
##	[3173,]	0.000000e+00	0.000000e+00	0	0
##	[3174,]	0.000000e+00	0.000000e+00	0	0
##	[3175,]	0.000000e+00	0.000000e+00	0	0
##	[3176,]	2.939167e+08	1.210000e+02	1	0
##	[3177,]	0.000000e+00	0.000000e+00	0	0
##	[3178,]	1.000000e+00	0.000000e+00	0	0

##	[3179,]	1.000000e+00	0.000000e+00	0	0
##	[3180,]	4.900000e+01	3.600000e+01	0	0
##	[3181,]	0.000000e+00	0.000000e+00	0	0
##	[3182,]	0.000000e+00	0.000000e+00	0	0
##	[3183,]	0.000000e+00	0.000000e+00	0	0
##	[3184,]	1.806874e+08	6.400000e+01	0	0
##	[3185,]	0.000000e+00	0.000000e+00	0	0
##	[3186,]	0.000000e+00	0.000000e+00	0	0
##	[3187,]	1.933768e+08	1.000000e+00	4	0
##	[3188,]	0.000000e+00	0.000000e+00	0	0
##	[3189,]	5.021423e+09	1.296000e+03	0	0
##	[3190,]	2.500000e+01	0.000000e+00	0	0
##	[3191,]	0.000000e+00	0.000000e+00	0	0
##	[3192,]	0.000000e+00	0.000000e+00	0	0
##	[3193,]	0.000000e+00	0.000000e+00	0	0
##	[3194,]	4.000000e+00	0.000000e+00	0	0
##	[3195,]	0.000000e+00	0.000000e+00	0	0
##	[3196,]	0.000000e+00	0.000000e+00	0	0
##	[3197,]	0.000000e+00	0.000000e+00	0	0
##	[3198,]	0.000000e+00	0.000000e+00	0	0
##	[3199,]	0.000000e+00	0.000000e+00	0	0
##	[3200,]	0.000000e+00	0.000000e+00	0	0
##	[3201,]	1.000000e+00	3.600000e+01	0	0
##	[3202,]	0.000000e+00	0.000000e+00	0	0
##	[3203,]	7.980625e+08	1.600000e+01	0	0
##	[3204,]	4.000000e+00	0.000000e+00	0	0
##	[3205,]	7.773949e+07	1.600000e+01	0	0
##	[3206,]	1.716113e+09	1.225000e+03	0	0
##	[3207,]	0.000000e+00	0.000000e+00	0	0
##	[3208,]	0.000000e+00	0.000000e+00	0	0
##	[3209,]	0.000000e+00	0.000000e+00	0	0
##	[3210,]	0.000000e+00	0.000000e+00	0	0
##	[3211,]	0.000000e+00	0.000000e+00	0	0
##	[3212,]	1.060282e+08	5.760000e+02	0	0
##	[3213,]	0.000000e+00	0.000000e+00	0	0
##	[3214,]	1.557565e+09	3.600000e+01	0	0
##	[3215,]	0.000000e+00	0.000000e+00	0	0
##	[3216,]	6.724000e+05	1.000000e+00	0	0
##	[3217,]	0.000000e+00	0.000000e+00	0	0
##	[3218,]	0.000000e+00	0.000000e+00	0	0
##	[3219,]	1.000000e+00	4.000000e+00	0	0
##	[3220,]	0.000000e+00	0.000000e+00	0	0
##	[3221,]	5.953600e+04	0.000000e+00	0	0
##	[3222,]	1.247502e+07	1.600000e+01	0	0
##	[3223,]	0.000000e+00	0.000000e+00	0	0
##	[3224,]	0.000000e+00	0.000000e+00	0	0
##	[3225,]	0.000000e+00	0.000000e+00	0	0
##	[3226,]	0.000000e+00	0.000000e+00	0	0
##	[3227,]	0.000000e+00	1.000000e+00	0	0
##	[3228,]	1.062108e+07	1.690000e+02	0	0
##	[3229,]	0.000000e+00	0.000000e+00	0	0
##	[3230,]	0.000000e+00	0.000000e+00	0	0
##	[3231,]	2.401000e+03	0.000000e+00	0	0
##	[3232,]	0.000000e+00	0.000000e+00	0	0

##	[3233,]	0.000000e+00	0.000000e+00	0	0
##	[3234,]	0.000000e+00	0.000000e+00	0	0
##	[3235,]	0.000000e+00	0.000000e+00	0	0
##	[3236,]	0.000000e+00	0.000000e+00	0	0
##	[3237,]	0.000000e+00	0.000000e+00	0	0
##	[3238,]	2.638877e+07	1.000000e+00	0	0
##	[3239,]	0.000000e+00	0.000000e+00	0	0
##	[3240,]	4.840000e+02	0.000000e+00	0	0
##	[3241,]	5.764273e+10	7.128900e+04	25	0
##	[3242,]	0.000000e+00	0.000000e+00	0	0
##	[3243,]	0.000000e+00	0.000000e+00	0	0
##	[3244,]	0.000000e+00	0.000000e+00	0	0
##	[3245,]	0.000000e+00	0.000000e+00	0	0
##	[3246,]	2.560000e+02	8.836000e+03	1	0
##	[3247,]	9.000000e+00	0.000000e+00	0	0
##	[3248,]	0.000000e+00	0.000000e+00	0	0
##	[3249,]	3.805409e+09	2.025000e+03	16	0
##	[3250,]	1.492431e+09	8.100000e+03	1	0
##	[3251,]	0.000000e+00	0.000000e+00	0	0
##	[3252,]	0.000000e+00	0.000000e+00	0	0
##	[3253,]	0.000000e+00	0.000000e+00	0	0
##	[3254,]	0.000000e+00	0.000000e+00	0	0
##	[3255,]	0.000000e+00	0.000000e+00	0	0
##	[3256,]	0.000000e+00	0.000000e+00	0	0
##	[3257,]	4.000000e+00	0.000000e+00	0	0
##	[3258,]	0.000000e+00	0.000000e+00	0	0
##	[3259,]	0.000000e+00	0.000000e+00	0	0
##	[3260,]	0.000000e+00	0.000000e+00	0	0
##	[3261,]	4.000000e+00	0.000000e+00	0	0
##	[3262,]	5.517801e+06	1.000000e+00	0	0
##	[3263,]	0.000000e+00	0.000000e+00	0	0
##	[3264,]	0.000000e+00	0.000000e+00	0	0
##	[3265,]	0.000000e+00	0.000000e+00	0	0
##	[3266,]	0.000000e+00	0.000000e+00	0	0
##	[3267,]	0.000000e+00	0.000000e+00	0	0
##	[3268,]	0.000000e+00	0.000000e+00	0	0
##	[3269,]	0.000000e+00	0.000000e+00	0	0
##	[3270,]	0.000000e+00	0.000000e+00	0	0
##	[3271,]	0.000000e+00	0.000000e+00	0	0
##	[3272,]	0.000000e+00	0.000000e+00	0	0
##	[3273,]	0.000000e+00	0.000000e+00	0	0
##	[3274,]	4.840000e+02	0.000000e+00	0	0
##	[3275,]	0.000000e+00	0.000000e+00	0	0
##	[3276,]	0.000000e+00	0.000000e+00	0	0
##	[3277,]	7.840000e+02	0.000000e+00	0	0
##	[3278,]	0.000000e+00	0.000000e+00	0	0
##	[3279,]	3.612010e+07	9.000000e+00	0	0
##	[3280,]	0.000000e+00	0.000000e+00	0	0
##	[3281,]	0.000000e+00	0.000000e+00	0	0
##	[3282,]	6.012304e+06	1.600000e+01	0	0
##	[3283,]	0.000000e+00	0.000000e+00	0	0
##	[3284,]	0.000000e+00	0.000000e+00	0	0
##	[3285,]	0.000000e+00	0.000000e+00	0	0
##	[3286,]	0.000000e+00	0.000000e+00	0	0

##	[3287,]	8.892324e+06	0.000000e+00	0	0
##	[3288,]	9.000000e+00	1.600000e+01	0	0
##	[3289,]	0.000000e+00	0.000000e+00	0	0
##	[3290,]	4.702392e+08	2.250000e+02	1	0
##	[3291,]	0.000000e+00	0.000000e+00	0	0
##	[3292,]	0.000000e+00	0.000000e+00	0	0
##	[3293,]	6.235009e+08	1.156000e+03	1	0
##	[3294,]	1.561375e+10	7.744000e+03	4	0
##	[3295,]	2.026922e+08	1.440000e+02	1	0
##	[3296,]	0.000000e+00	0.000000e+00	0	0
##	[3297,]	4.900000e+01	4.410000e+02	0	0
##	[3298,]	0.000000e+00	0.000000e+00	0	0
##	[3299,]	0.000000e+00	0.000000e+00	0	0
##	[3300,]	9.000000e+00	0.000000e+00	0	0
##	[3301,]	0.000000e+00	0.000000e+00	0	0
##	[3302,]	0.000000e+00	0.000000e+00	0	0
##	[3303,]	0.000000e+00	0.000000e+00	0	0
##	[3304,]	1.055140e+08	4.900000e+01	0	0
##	[3305,]	0.000000e+00	0.000000e+00	0	0
##	[3306,]	0.000000e+00	0.000000e+00	0	0
##	[3307,]	3.160801e+09	2.116000e+03	1	0
##	[3308,]	5.950580e+07	5.760000e+02	0	0
##	[3309,]	0.000000e+00	0.000000e+00	0	0
##	[3310,]	9.000000e+00	5.760000e+02	0	0
##	[3311,]	0.000000e+00	0.000000e+00	0	0
##	[3312,]	0.000000e+00	0.000000e+00	0	0
##	[3313,]	0.000000e+00	0.000000e+00	0	0
##	[3314,]	1.000000e+00	0.000000e+00	0	0
##	[3315,]	0.000000e+00	0.000000e+00	0	0
##	[3316,]	0.000000e+00	0.000000e+00	0	0
##	[3317,]	0.000000e+00	0.000000e+00	0	0
##	[3318,]	0.000000e+00	0.000000e+00	0	0
##	[3319,]	0.000000e+00	0.000000e+00	0	0
##	[3320,]	0.000000e+00	0.000000e+00	0	0
##	[3321,]	5.189284e+06	8.100000e+01	0	0
##	[3322,]	0.000000e+00	0.000000e+00	0	0
##	[3323,]	4.000000e+00	9.000000e+02	0	0
##	[3324,]	0.000000e+00	0.000000e+00	0	0
##	[3325,]	0.000000e+00	0.000000e+00	0	0
##	[3326,]	0.000000e+00	0.000000e+00	0	0
##	[3327,]	7.621464e+08	2.401000e+03	0	0
##	[3328,]	0.000000e+00	0.000000e+00	0	0
##	[3329,]	2.927179e+08	8.100000e+01	0	0
##	[3330,]	0.000000e+00	0.000000e+00	0	0
##	[3331,]	0.000000e+00	0.000000e+00	0	0
##	[3332,]	0.000000e+00	0.000000e+00	0	0
##	[3333,]	0.000000e+00	0.000000e+00	0	0
##	[3334,]	0.000000e+00	0.000000e+00	0	0
##	[3335,]	2.787840e+05	4.410000e+02	0	0
##	[3336,]	0.000000e+00	0.000000e+00	0	0
##	[3337,]	0.000000e+00	0.000000e+00	0	0
##	[3338,]	2.407773e+08	1.000000e+02	9	0
##	[3339,]	0.000000e+00	4.900000e+01	1	0
##	[3340,]	5.217173e+07	2.704000e+03	0	0

##	[3341,]	0.000000e+00	0.000000e+00	0	0
##	[3342,]	4.414201e+06	9.000000e+00	0	0
##	[3343,]	0.000000e+00	0.000000e+00	0	0
##	[3344,]	1.000000e+00	6.400000e+01	0	0
##	[3345,]	0.000000e+00	0.000000e+00	0	0
##	[3346,]	2.560000e+04	4.000000e+00	0	0
##	[3347,]	5.750404e+06	2.890000e+02	1	0
##	[3348,]	0.000000e+00	0.000000e+00	0	0
##	[3349,]	0.000000e+00	0.000000e+00	0	0
##	[3350,]	0.000000e+00	0.000000e+00	0	0
##	[3351,]	6.992304e+07	1.600000e+01	0	0
##	[3352,]	0.000000e+00	0.000000e+00	0	0
##	[3353,]	9.000000e+02	0.000000e+00	0	0
##	[3354,]	0.000000e+00	0.000000e+00	0	0
##	[3355,]	0.000000e+00	0.000000e+00	0	0
##	[3356,]	0.000000e+00	0.000000e+00	0	0
##	[3357,]	0.000000e+00	0.000000e+00	0	0
##	[3358,]	0.000000e+00	0.000000e+00	0	0
##	[3359,]	0.000000e+00	0.000000e+00	0	0
##	[3360,]	4.840000e+02	0.000000e+00	0	0
##	[3361,]	2.270618e+09	1.849000e+03	4	0
##	[3362,]	0.000000e+00	0.000000e+00	0	0
##	[3363,]	4.686792e+10	8.468100e+04	121	0
##	[3364,]	0.000000e+00	0.000000e+00	0	0
##	[3365,]	0.000000e+00	0.000000e+00	0	0
##	[3366,]	2.500000e+01	0.000000e+00	0	0
##	[3367,]	1.713629e+09	7.225000e+03	4	0
##	[3368,]	0.000000e+00	0.000000e+00	0	0
##	[3369,]	0.000000e+00	0.000000e+00	0	0
##	[3370,]	1.764000e+03	1.102500e+04	0	0
##	[3371,]	0.000000e+00	0.000000e+00	0	0
##	[3372,]	0.000000e+00	0.000000e+00	0	0
##	[3373,]	0.000000e+00	0.000000e+00	0	0
##	[3374,]	0.000000e+00	0.000000e+00	0	0
##	[3375,]	0.000000e+00	0.000000e+00	0	0
##	[3376,]	0.000000e+00	0.000000e+00	0	0
##	[3377,]	0.000000e+00	0.000000e+00	0	0
##	[3378,]	0.000000e+00	0.000000e+00	0	0
##	[3379,]	0.000000e+00	0.000000e+00	0	0
##	[3380,]	4.000000e+00	0.000000e+00	0	0
##	[3381,]	0.000000e+00	0.000000e+00	0	0
##	[3382,]	4.000000e+00	0.000000e+00	0	0
##	[3383,]	0.000000e+00	0.000000e+00	0	0
##	[3384,]	4.372281e+06	1.000000e+00	0	0
##	[3385,]	0.000000e+00	0.000000e+00	0	0
##	[3386,]	0.000000e+00	0.000000e+00	0	0
##	[3387,]	0.000000e+00	0.000000e+00	0	0
##	[3388,]	4.000000e+00	0.000000e+00	0	0
##	[3389,]	0.000000e+00	0.000000e+00	0	0
##	[3390,]	0.000000e+00	0.000000e+00	0	0
##	[3391,]	1.690000e+02	0.000000e+00	0	0
##	[3392,]	0.000000e+00	0.000000e+00	0	0
##	[3393,]	4.098560e+07	2.500000e+01	0	0
##	[3394,]	0.000000e+00	0.000000e+00	0	0

##	[3395,]	0.000000e+00	0.000000e+00	0	0
##	[3396,]	0.000000e+00	0.000000e+00	0	0
##	[3397,]	0.000000e+00	0.000000e+00	0	0
##	[3398,]	9.610000e+02	0.000000e+00	0	0
##	[3399,]	0.000000e+00	0.000000e+00	0	0
##	[3400,]	0.000000e+00	0.000000e+00	0	0
##	[3401,]	1.824144e+07	4.000000e+00	0	0
##	[3402,]	1.000000e+00	0.000000e+00	0	0
##	[3403,]	7.480225e+06	0.000000e+00	0	0
##	[3404,]	0.000000e+00	0.000000e+00	0	0
##	[3405,]	0.000000e+00	0.000000e+00	0	0
##	[3406,]	0.000000e+00	0.000000e+00	0	0
##	[3407,]	0.000000e+00	0.000000e+00	0	0
##	[3408,]	5.790280e+08	2.560000e+02	0	0
##	[3409,]	1.210000e+02	1.000000e+00	0	0
##	[3410,]	0.000000e+00	0.000000e+00	0	0
##	[3411,]	0.000000e+00	0.000000e+00	0	0
##	[3412,]	3.240000e+02	1.960000e+02	0	0
##	[3413,]	0.000000e+00	0.000000e+00	0	0
##	[3414,]	9.000000e+00	0.000000e+00	0	0
##	[3415,]	4.208652e+08	8.410000e+02	0	0
##	[3416,]	0.000000e+00	0.000000e+00	0	0
##	[3417,]	1.535592e+10	8.464000e+03	36	0
##	[3418,]	1.927099e+08	1.440000e+02	0	0
##	[3419,]	0.000000e+00	0.000000e+00	0	0
##	[3420,]	0.000000e+00	0.000000e+00	0	0
##	[3421,]	9.310320e+07	2.500000e+01	4	0
##	[3422,]	0.000000e+00	0.000000e+00	0	0
##	[3423,]	1.893926e+08	2.890000e+02	1	0
##	[3424,]	1.626267e+09	4.225000e+03	4	0
##	[3425,]	3.600000e+01	7.290000e+02	0	0
##	[3426,]	1.000000e+00	0.000000e+00	0	0
##	[3427,]	0.000000e+00	0.000000e+00	0	0
##	[3428,]	0.000000e+00	0.000000e+00	0	0
##	[3429,]	0.000000e+00	0.000000e+00	0	0
##	[3430,]	0.000000e+00	0.000000e+00	0	0
##	[3431,]	0.000000e+00	0.000000e+00	0	0
##	[3432,]	0.000000e+00	0.000000e+00	0	0
##	[3433,]	0.000000e+00	0.000000e+00	0	0
##	[3434,]	0.000000e+00	0.000000e+00	0	0
##	[3435,]	0.000000e+00	0.000000e+00	0	0
##	[3436,]	0.000000e+00	0.000000e+00	0	0
##	[3437,]	0.000000e+00	0.000000e+00	0	0
##	[3438,]	0.000000e+00	0.000000e+00	0	0
##	[3439,]	0.000000e+00	0.000000e+00	0	0
##	[3440,]	0.000000e+00	0.000000e+00	0	0
##	[3441,]	0.000000e+00	0.000000e+00	0	0
##	[3442,]	0.000000e+00	0.000000e+00	0	0
##	[3443,]	0.000000e+00	0.000000e+00	0	0
##	[3444,]	4.184070e+08	3.364000e+03	1	0
##	[3445,]	0.000000e+00	0.000000e+00	0	0
##	[3446,]	0.000000e+00	0.000000e+00	0	0
##	[3447,]	2.367598e+08	1.000000e+02	0	0
##	[3448,]	0.000000e+00	0.000000e+00	0	0

##	[3449,]	3.709476e+06	2.560000e+02	1	0
##	[3450,]	9.000000e+00	1.089000e+03	0	0
##	[3451,]	2.278153e+07	1.000000e+02	0	0
##	[3452,]	0.000000e+00	0.000000e+00	0	0
##	[3453,]	3.211489e+07	6.760000e+02	0	0
##	[3454,]	1.600000e+01	4.840000e+02	0	0
##	[3455,]	0.000000e+00	0.000000e+00	0	0
##	[3456,]	0.000000e+00	0.000000e+00	0	0
##	[3457,]	0.000000e+00	0.000000e+00	0	0
##	[3458,]	0.000000e+00	0.000000e+00	0	0
##	[3459,]	4.858090e+05	1.960000e+02	0	0
##	[3460,]	0.000000e+00	0.000000e+00	0	0
##	[3461,]	1.500625e+06	3.600000e+01	0	0
##	[3462,]	0.000000e+00	0.000000e+00	0	0
##	[3463,]	0.000000e+00	0.000000e+00	0	0
##	[3464,]	0.000000e+00	0.000000e+00	0	0
##	[3465,]	0.000000e+00	6.400000e+01	0	0
##	[3466,]	0.000000e+00	0.000000e+00	0	0
##	[3467,]	0.000000e+00	0.000000e+00	0	0
##	[3468,]	5.062500e+04	4.900000e+01	0	0
##	[3469,]	4.239481e+06	1.156000e+03	4	0
##	[3470,]	0.000000e+00	0.000000e+00	0	0
##	[3471,]	0.000000e+00	0.000000e+00	0	0
##	[3472,]	0.000000e+00	0.000000e+00	0	0
##	[3473,]	0.000000e+00	0.000000e+00	0	0
##	[3474,]	2.250000e+02	0.000000e+00	0	0
##	[3475,]	0.000000e+00	0.000000e+00	0	0
##	[3476,]	0.000000e+00	0.000000e+00	0	0
##	[3477,]	0.000000e+00	0.000000e+00	0	0
##	[3478,]	1.089000e+03	0.000000e+00	0	0
##	[3479,]	7.216502e+07	3.600000e+01	0	0
##	[3480,]	0.000000e+00	0.000000e+00	0	0
##	[3481,]	0.000000e+00	0.000000e+00	0	0
##	[3482,]	0.000000e+00	0.000000e+00	0	0
##	[3483,]	0.000000e+00	0.000000e+00	0	0
##	[3484,]	1.000000e+00	0.000000e+00	0	0
##	[3485,]	4.069741e+10	7.022500e+04	4	0
##	[3486,]	6.909538e+08	7.840000e+02	1	0
##	[3487,]	0.000000e+00	0.000000e+00	0	0
##	[3488,]	1.519129e+09	1.225000e+03	1	0
##	[3489,]	1.225000e+03	4.096000e+03	1	0
##	[3490,]	1.600000e+01	0.000000e+00	0	0
##	[3491,]	0.000000e+00	0.000000e+00	0	0
##	[3492,]	1.000000e+00	0.000000e+00	0	0
##	[3493,]	0.000000e+00	0.000000e+00	0	0
##	[3494,]	0.000000e+00	0.000000e+00	0	0
##	[3495,]	0.000000e+00	0.000000e+00	0	0
##	[3496,]	0.000000e+00	0.000000e+00	0	0
##	[3497,]	0.000000e+00	0.000000e+00	0	0
##	[3498,]	0.000000e+00	0.000000e+00	0	0
##	[3499,]	0.000000e+00	0.000000e+00	0	0
##	[3500,]	0.000000e+00	0.000000e+00	0	0
##	[3501,]	0.000000e+00	0.000000e+00	0	0
##	[3502,]	0.000000e+00	0.000000e+00	0	0

##	[3503,]	0.000000e+00	0.000000e+00	0	0
##	[3504,]	1.416770e+07	4.000000e+00	0	0
##	[3505,]	0.000000e+00	0.000000e+00	0	0
##	[3506,]	0.000000e+00	0.000000e+00	0	0
##	[3507,]	0.000000e+00	0.000000e+00	0	0
##	[3508,]	0.000000e+00	0.000000e+00	0	0
##	[3509,]	0.000000e+00	0.000000e+00	0	0
##	[3510,]	0.000000e+00	0.000000e+00	0	0
##	[3511,]	0.000000e+00	0.000000e+00	0	0
##	[3512,]	0.000000e+00	0.000000e+00	0	0
##	[3513,]	0.000000e+00	0.000000e+00	0	0
##	[3514,]	0.000000e+00	0.000000e+00	0	0
##	[3515,]	0.000000e+00	0.000000e+00	0	0
##	[3516,]	0.000000e+00	0.000000e+00	0	0
##	[3517,]	2.500000e+01	0.000000e+00	0	0
##	[3518,]	1.119152e+08	9.000000e+00	0	0
##	[3519,]	0.000000e+00	0.000000e+00	0	0
##	[3520,]	6.250000e+02	0.000000e+00	0	0
##	[3521,]	0.000000e+00	0.000000e+00	0	0
##	[3522,]	0.000000e+00	0.000000e+00	0	0
##	[3523,]	2.418025e+06	1.000000e+00	0	0
##	[3524,]	0.000000e+00	0.000000e+00	0	0
##	[3525,]	0.000000e+00	0.000000e+00	0	0
##	[3526,]	0.000000e+00	0.000000e+00	0	0
##	[3527,]	1.721420e+07	4.000000e+00	0	0
##	[3528,]	0.000000e+00	0.000000e+00	0	0
##	[3529,]	2.500000e+01	0.000000e+00	0	0
##	[3530,]	9.166362e+08	1.000000e+02	1	0
##	[3531,]	1.000000e+00	0.000000e+00	0	0
##	[3532,]	0.000000e+00	0.000000e+00	0	0
##	[3533,]	0.000000e+00	0.000000e+00	0	0
##	[3534,]	0.000000e+00	0.000000e+00	0	0
##	[3535,]	0.000000e+00	0.000000e+00	0	0
##	[3536,]	1.200186e+10	7.396000e+03	0	0
##	[3537,]	5.027012e+08	1.690000e+02	1	0
##	[3538,]	9.000000e+00	0.000000e+00	0	0
##	[3539,]	5.777520e+07	2.500000e+01	0	0
##	[3540,]	2.560000e+02	6.400000e+01	1	0
##	[3541,]	5.307122e+07	4.900000e+01	0	0
##	[3542,]	0.000000e+00	0.000000e+00	0	0
##	[3543,]	8.932140e+07	2.500000e+01	0	0
##	[3544,]	1.852786e+09	3.025000e+03	0	0
##	[3545,]	0.000000e+00	0.000000e+00	0	0
##	[3546,]	1.000000e+00	0.000000e+00	0	0
##	[3547,]	8.100000e+01	1.690000e+02	0	0
##	[3548,]	0.000000e+00	0.000000e+00	0	0
##	[3549,]	0.000000e+00	0.000000e+00	0	0
##	[3550,]	0.000000e+00	0.000000e+00	0	0
##	[3551,]	1.000000e+00	0.000000e+00	0	0
##	[3552,]	0.000000e+00	0.000000e+00	0	0
##	[3553,]	0.000000e+00	0.000000e+00	0	0
##	[3554,]	0.000000e+00	0.000000e+00	0	0
##	[3555,]	0.000000e+00	0.000000e+00	0	0
##	[3556,]	0.000000e+00	0.000000e+00	0	0

##	[3557,]	0.000000e+00	0.000000e+00	0	0
##	[3558,]	0.000000e+00	0.000000e+00	0	0
##	[3559,]	1.000000e+00	0.000000e+00	0	0
##	[3560,]	0.000000e+00	0.000000e+00	0	0
##	[3561,]	0.000000e+00	0.000000e+00	0	0
##	[3562,]	6.027970e+07	4.900000e+01	0	0
##	[3563,]	0.000000e+00	0.000000e+00	0	0
##	[3564,]	0.000000e+00	0.000000e+00	0	0
##	[3565,]	0.000000e+00	0.000000e+00	0	0
##	[3566,]	1.478413e+08	2.304000e+03	1	0
##	[3567,]	9.000000e+00	6.400000e+01	0	0
##	[3568,]	0.000000e+00	0.000000e+00	0	0
##	[3569,]	0.000000e+00	0.000000e+00	0	0
##	[3570,]	3.519376e+06	6.400000e+01	0	0
##	[3571,]	0.000000e+00	0.000000e+00	0	0
##	[3572,]	0.000000e+00	0.000000e+00	0	0
##	[3573,]	0.000000e+00	0.000000e+00	0	0
##	[3574,]	0.000000e+00	4.410000e+02	0	0
##	[3575,]	2.258150e+07	2.304000e+03	0	0
##	[3576,]	0.000000e+00	0.000000e+00	0	0
##	[3577,]	0.000000e+00	0.000000e+00	0	0
##	[3578,]	2.050624e+06	1.600000e+01	1	0
##	[3579,]	0.000000e+00	0.000000e+00	0	0
##	[3580,]	6.209440e+05	4.000000e+00	0	0
##	[3581,]	0.000000e+00	0.000000e+00	0	0
##	[3582,]	0.000000e+00	0.000000e+00	0	0
##	[3583,]	4.000000e+00	1.960000e+02	0	0
##	[3584,]	0.000000e+00	0.000000e+00	0	0
##	[3585,]	0.000000e+00	0.000000e+00	0	0
##	[3586,]	0.000000e+00	0.000000e+00	0	0
##	[3587,]	4.212010e+05	1.600000e+01	0	0
##	[3588,]	0.000000e+00	0.000000e+00	0	0
##	[3589,]	8.468100e+04	2.500000e+01	0	0
##	[3590,]	3.810304e+06	3.240000e+02	0	0
##	[3591,]	0.000000e+00	0.000000e+00	0	0
##	[3592,]	3.600000e+01	0.000000e+00	0	0
##	[3593,]	0.000000e+00	0.000000e+00	0	0
##	[3594,]	0.000000e+00	0.000000e+00	0	0
##	[3595,]	0.000000e+00	0.000000e+00	0	0
##	[3596,]	0.000000e+00	0.000000e+00	0	0
##	[3597,]	0.000000e+00	0.000000e+00	0	0
##	[3598,]	6.250000e+02	0.000000e+00	0	0
##	[3599,]	0.000000e+00	0.000000e+00	0	0
##	[3600,]	2.057790e+08	2.500000e+01	0	0
##	[3601,]	2.553284e+08	9.801000e+03	1	4
##	[3602,]	9.000000e+02	4.410000e+02	0	0
##	[3603,]	3.413626e+10	1.122250e+05	49	0
##	[3604,]	0.000000e+00	0.000000e+00	0	0
##	[3605,]	6.012794e+08	7.290000e+02	1	0
##	[3606,]	0.000000e+00	0.000000e+00	0	0
##	[3607,]	9.000000e+00	0.000000e+00	0	0
##	[3608,]	0.000000e+00	0.000000e+00	0	0
##	[3609,]	0.000000e+00	0.000000e+00	0	0
##	[3610,]	0.000000e+00	0.000000e+00	0	0

##	[3611,]	0.000000e+00	0.000000e+00	0	0
##	[3612,]	0.000000e+00	0.000000e+00	0	0
##	[3613,]	0.000000e+00	0.000000e+00	0	0
##	[3614,]	0.000000e+00	0.000000e+00	0	0
##	[3615,]	0.000000e+00	0.000000e+00	0	0
##	[3616,]	4.000000e+00	0.000000e+00	0	0
##	[3617,]	0.000000e+00	0.000000e+00	0	0
##	[3618,]	0.000000e+00	0.000000e+00	0	0
##	[3619,]	0.000000e+00	0.000000e+00	0	0
##	[3620,]	0.000000e+00	0.000000e+00	0	0
##	[3621,]	0.000000e+00	0.000000e+00	0	0
##	[3622,]	0.000000e+00	0.000000e+00	0	0
##	[3623,]	0.000000e+00	0.000000e+00	0	0
##	[3624,]	0.000000e+00	0.000000e+00	0	0
##	[3625,]	0.000000e+00	0.000000e+00	0	0
##	[3626,]	1.000000e+00	0.000000e+00	0	0
##	[3627,]	0.000000e+00	0.000000e+00	0	0
##	[3628,]	1.000000e+00	0.000000e+00	0	0
##	[3629,]	8.777816e+07	0.000000e+00	0	0
##	[3630,]	0.000000e+00	0.000000e+00	0	0
##	[3631,]	0.000000e+00	0.000000e+00	0	0
##	[3632,]	6.400000e+01	0.000000e+00	0	0
##	[3633,]	0.000000e+00	0.000000e+00	0	0
##	[3634,]	3.240000e+02	0.000000e+00	0	0
##	[3635,]	0.000000e+00	0.000000e+00	0	0
##	[3636,]	0.000000e+00	0.000000e+00	0	0
##	[3637,]	0.000000e+00	0.000000e+00	0	0
##	[3638,]	0.000000e+00	0.000000e+00	0	0
##	[3639,]	3.352195e+08	1.600000e+01	4	0
##	[3640,]	0.000000e+00	0.000000e+00	0	0
##	[3641,]	1.000000e+00	0.000000e+00	0	0
##	[3642,]	1.456849e+06	9.000000e+00	0	0
##	[3643,]	0.000000e+00	0.000000e+00	0	0
##	[3644,]	3.651921e+06	1.000000e+00	0	0
##	[3645,]	0.000000e+00	0.000000e+00	0	0
##	[3646,]	1.022720e+09	5.290000e+02	0	0
##	[3647,]	4.000000e+00	1.000000e+00	0	0
##	[3648,]	0.000000e+00	0.000000e+00	0	0
##	[3649,]	0.000000e+00	0.000000e+00	0	0
##	[3650,]	0.000000e+00	0.000000e+00	0	0
##	[3651,]	0.000000e+00	0.000000e+00	0	0
##	[3652,]	0.000000e+00	0.000000e+00	0	0
##	[3653,]	4.000000e+00	0.000000e+00	0	0
##	[3654,]	0.000000e+00	0.000000e+00	0	0
##	[3655,]	7.772186e+07	6.400000e+01	0	0
##	[3656,]	4.000000e+02	6.400000e+01	0	0
##	[3657,]	1.204836e+10	1.488400e+04	25	0
##	[3658,]	0.000000e+00	0.000000e+00	0	0
##	[3659,]	9.934109e+07	8.410000e+02	0	4
##	[3660,]	0.000000e+00	0.000000e+00	0	0
##	[3661,]	0.000000e+00	0.000000e+00	0	0
##	[3662,]	1.124261e+07	3.240000e+02	0	0
##	[3663,]	1.600000e+01	1.000000e+00	0	0
##	[3664,]	0.000000e+00	0.000000e+00	0	0

##	[3665,]	0.000000e+00	0.000000e+00	0	0
##	[3666,]	4.264090e+07	1.600000e+01	0	0
##	[3667,]	0.000000e+00	0.000000e+00	0	0
##	[3668,]	0.000000e+00	0.000000e+00	0	0
##	[3669,]	0.000000e+00	0.000000e+00	0	0
##	[3670,]	6.119686e+08	4.489000e+03	1	0
##	[3671,]	1.000000e+00	0.000000e+00	0	0
##	[3672,]	4.000000e+00	0.000000e+00	0	0
##	[3673,]	0.000000e+00	0.000000e+00	0	0
##	[3674,]	0.000000e+00	0.000000e+00	0	0
##	[3675,]	0.000000e+00	0.000000e+00	0	0
##	[3676,]	0.000000e+00	0.000000e+00	0	0
##	[3677,]	0.000000e+00	0.000000e+00	0	0
##	[3678,]	0.000000e+00	0.000000e+00	0	0
##	[3679,]	0.000000e+00	0.000000e+00	0	0
##	[3680,]	0.000000e+00	0.000000e+00	0	0
##	[3681,]	3.217158e+07	8.100000e+01	1	0
##	[3682,]	8.154090e+05	6.760000e+02	1	0
##	[3683,]	0.000000e+00	0.000000e+00	0	0
##	[3684,]	0.000000e+00	0.000000e+00	0	0
##	[3685,]	1.386271e+08	3.481000e+03	1	0
##	[3686,]	0.000000e+00	0.000000e+00	0	0
##	[3687,]	0.000000e+00	0.000000e+00	0	0
##	[3688,]	0.000000e+00	0.000000e+00	0	0
##	[3689,]	0.000000e+00	0.000000e+00	0	0
##	[3690,]	9.000000e+00	9.000000e+00	0	0
##	[3691,]	0.000000e+00	0.000000e+00	0	0
##	[3692,]	2.109565e+07	1.444000e+03	0	0
##	[3693,]	1.000000e+00	3.600000e+01	0	0
##	[3694,]	0.000000e+00	0.000000e+00	0	0
##	[3695,]	0.000000e+00	0.000000e+00	0	0
##	[3696,]	1.451610e+05	3.240000e+02	0	0
##	[3697,]	1.153476e+06	9.000000e+00	0	0
##	[3698,]	0.000000e+00	0.000000e+00	0	0
##	[3699,]	0.000000e+00	0.000000e+00	0	0
##	[3700,]	0.000000e+00	0.000000e+00	0	0
##	[3701,]	0.000000e+00	4.000000e+00	0	0
##	[3702,]	3.648100e+06	6.760000e+02	0	0
##	[3703,]	0.000000e+00	0.000000e+00	0	0
##	[3704,]	2.683240e+05	4.000000e+00	0	0
##	[3705,]	0.000000e+00	0.000000e+00	0	0
##	[3706,]	0.000000e+00	0.000000e+00	0	0
##	[3707,]	0.000000e+00	0.000000e+00	0	0
##	[3708,]	2.822400e+04	2.500000e+01	0	0
##	[3709,]	0.000000e+00	0.000000e+00	0	0
##	[3710,]	0.000000e+00	0.000000e+00	0	0
##	[3711,]	1.000000e+02	0.000000e+00	0	0
##	[3712,]	3.610000e+02	0.000000e+00	0	0
##	[3713,]	0.000000e+00	0.000000e+00	0	0
##	[3714,]	7.662931e+08	1.600000e+01	4	0
##	[3715,]	0.000000e+00	0.000000e+00	0	0
##	[3716,]	0.000000e+00	0.000000e+00	0	0
##	[3717,]	0.000000e+00	0.000000e+00	0	0
##	[3718,]	0.000000e+00	0.000000e+00	0	0

##	[3719,]	0.000000e+00	0.000000e+00	0	0
##	[3720,]	0.000000e+00	0.000000e+00	0	0
##	[3721,]	1.600000e+01	0.000000e+00	0	0
##	[3722,]	1.156000e+03	1.849000e+03	0	0
##	[3723,]	0.000000e+00	0.000000e+00	0	0
##	[3724,]	0.000000e+00	0.000000e+00	0	0
##	[3725,]	1.972339e+08	4.410000e+02	4	0
##	[3726,]	0.000000e+00	0.000000e+00	0	0
##	[3727,]	2.331332e+10	1.866240e+05	121	0
##	[3728,]	0.000000e+00	0.000000e+00	0	0
##	[3729,]	2.512542e+08	2.025000e+03	4	0
##	[3730,]	0.000000e+00	0.000000e+00	0	0
##	[3731,]	0.000000e+00	0.000000e+00	0	0
##	[3732,]	0.000000e+00	0.000000e+00	0	0
##	[3733,]	0.000000e+00	0.000000e+00	0	0
##	[3734,]	0.000000e+00	0.000000e+00	0	0
##	[3735,]	0.000000e+00	0.000000e+00	0	0
##	[3736,]	0.000000e+00	0.000000e+00	0	0
##	[3737,]	0.000000e+00	0.000000e+00	0	0
##	[3738,]	0.000000e+00	0.000000e+00	0	0
##	[3739,]	0.000000e+00	0.000000e+00	0	0
##	[3740,]	0.000000e+00	0.000000e+00	0	0
##	[3741,]	0.000000e+00	0.000000e+00	0	0
##	[3742,]	3.600000e+01	0.000000e+00	0	0
##	[3743,]	0.000000e+00	0.000000e+00	0	0
##	[3744,]	0.000000e+00	0.000000e+00	0	0
##	[3745,]	0.000000e+00	0.000000e+00	0	0
##	[3746,]	4.000000e+00	0.000000e+00	0	0
##	[3747,]	0.000000e+00	0.000000e+00	0	0
##	[3748,]	0.000000e+00	0.000000e+00	0	0
##	[3749,]	1.019898e+08	3.600000e+01	0	0
##	[3750,]	0.000000e+00	0.000000e+00	0	0
##	[3751,]	0.000000e+00	0.000000e+00	0	0
##	[3752,]	3.155242e+08	2.560000e+02	0	0
##	[3753,]	1.000000e+02	0.000000e+00	0	0
##	[3754,]	0.000000e+00	0.000000e+00	0	0
##	[3755,]	1.960000e+02	0.000000e+00	0	0
##	[3756,]	0.000000e+00	0.000000e+00	0	0
##	[3757,]	0.000000e+00	0.000000e+00	0	0
##	[3758,]	0.000000e+00	0.000000e+00	0	0
##	[3759,]	0.000000e+00	0.000000e+00	0	0
##	[3760,]	0.000000e+00	0.000000e+00	0	0
##	[3761,]	6.585382e+08	4.000000e+02	16	0
##	[3762,]	3.600000e+01	0.000000e+00	0	0
##	[3763,]	1.210000e+06	0.000000e+00	0	0
##	[3764,]	0.000000e+00	0.000000e+00	0	0
##	[3765,]	0.000000e+00	0.000000e+00	0	0
##	[3766,]	0.000000e+00	0.000000e+00	0	0
##	[3767,]	1.073296e+06	4.000000e+00	0	0
##	[3768,]	0.000000e+00	0.000000e+00	0	0
##	[3769,]	0.000000e+00	0.000000e+00	0	0
##	[3770,]	0.000000e+00	0.000000e+00	0	0
##	[3771,]	0.000000e+00	0.000000e+00	0	0
##	[3772,]	8.988936e+07	1.960000e+02	1	0

##	[3773,]	0.000000e+00	0.000000e+00	0	0
##	[3774,]	1.690000e+02	1.000000e+02	0	0
##	[3775,]	0.000000e+00	0.000000e+00	0	0
##	[3776,]	0.000000e+00	0.000000e+00	0	0
##	[3777,]	9.260405e+09	1.512900e+04	9	0
##	[3778,]	2.774129e+07	2.500000e+01	0	0
##	[3779,]	0.000000e+00	0.000000e+00	0	0
##	[3780,]	4.000000e+00	0.000000e+00	0	0
##	[3781,]	1.109556e+07	4.900000e+01	1	0
##	[3782,]	0.000000e+00	0.000000e+00	0	0
##	[3783,]	0.000000e+00	0.000000e+00	0	0
##	[3784,]	0.000000e+00	0.000000e+00	0	0
##	[3785,]	1.000000e+00	0.000000e+00	0	0
##	[3786,]	1.000000e+02	1.000000e+02	0	0
##	[3787,]	2.730756e+08	7.225000e+03	4	0
##	[3788,]	0.000000e+00	0.000000e+00	0	0
##	[3789,]	0.000000e+00	0.000000e+00	0	0
##	[3790,]	1.493822e+07	2.500000e+01	1	0
##	[3791,]	0.000000e+00	0.000000e+00	0	0
##	[3792,]	0.000000e+00	0.000000e+00	0	0
##	[3793,]	0.000000e+00	0.000000e+00	0	0
##	[3794,]	0.000000e+00	0.000000e+00	0	0
##	[3795,]	0.000000e+00	0.000000e+00	0	0
##	[3796,]	0.000000e+00	0.000000e+00	0	0
##	[3797,]	1.000000e+00	0.000000e+00	0	0
##	[3798,]	0.000000e+00	0.000000e+00	0	0
##	[3799,]	0.000000e+00	0.000000e+00	0	0
##	[3800,]	0.000000e+00	0.000000e+00	0	0
##	[3801,]	7.991929e+06	9.000000e+00	0	0
##	[3802,]	0.000000e+00	0.000000e+00	0	0
##	[3803,]	1.000000e+00	8.100000e+01	0	0
##	[3804,]	7.933465e+07	9.216000e+03	1	0
##	[3805,]	0.000000e+00	0.000000e+00	0	0
##	[3806,]	0.000000e+00	0.000000e+00	0	0
##	[3807,]	1.000000e+00	0.000000e+00	0	0
##	[3808,]	0.000000e+00	0.000000e+00	0	0
##	[3809,]	1.640961e+06	2.500000e+01	0	0
##	[3810,]	0.000000e+00	0.000000e+00	0	0
##	[3811,]	0.000000e+00	0.000000e+00	0	0
##	[3812,]	2.361960e+05	1.440000e+02	0	0
##	[3813,]	0.000000e+00	0.000000e+00	0	0
##	[3814,]	0.000000e+00	0.000000e+00	0	0
##	[3815,]	0.000000e+00	0.000000e+00	0	0
##	[3816,]	4.422250e+05	9.000000e+00	0	0
##	[3817,]	1.447042e+07	4.489000e+03	1	0
##	[3818,]	0.000000e+00	0.000000e+00	0	0
##	[3819,]	0.000000e+00	0.000000e+00	0	0
##	[3820,]	1.000000e+00	2.500000e+01	0	0
##	[3821,]	0.000000e+00	0.000000e+00	0	0
##	[3822,]	0.000000e+00	0.000000e+00	0	0
##	[3823,]	0.000000e+00	0.000000e+00	0	0
##	[3824,]	0.000000e+00	0.000000e+00	0	0
##	[3825,]	0.000000e+00	0.000000e+00	0	0
##	[3826,]	2.427364e+06	1.681000e+03	0	0

##	[3827,]	1.474560e+05	9.000000e+00	1	0
##	[3828,]	9.000000e+00	8.100000e+01	0	0
##	[3829,]	0.000000e+00	0.000000e+00	0	0
##	[3830,]	2.958400e+04	4.900000e+01	0	0
##	[3831,]	7.763468e+08	4.840000e+02	0	0
##	[3832,]	0.000000e+00	0.000000e+00	0	0
##	[3833,]	0.000000e+00	0.000000e+00	0	0
##	[3834,]	0.000000e+00	0.000000e+00	0	0
##	[3835,]	0.000000e+00	0.000000e+00	0	0
##	[3836,]	2.560000e+02	0.000000e+00	0	0
##	[3837,]	0.000000e+00	0.000000e+00	0	0
##	[3838,]	0.000000e+00	0.000000e+00	0	0
##	[3839,]	2.560000e+02	0.000000e+00	0	0
##	[3840,]	0.000000e+00	0.000000e+00	0	0
##	[3841,]	7.430440e+07	2.592100e+04	4	0
##	[3842,]	1.225000e+03	1.225000e+03	0	0
##	[3843,]	2.586740e+07	2.601000e+03	0	0
##	[3844,]	0.000000e+00	0.000000e+00	0	0
##	[3845,]	0.000000e+00	0.000000e+00	0	0
##	[3846,]	0.000000e+00	0.000000e+00	0	0
##	[3847,]	0.000000e+00	0.000000e+00	0	0
##	[3848,]	1.165968e+10	2.209000e+05	81	0
##	[3849,]	0.000000e+00	0.000000e+00	0	0
##	[3850,]	0.000000e+00	0.000000e+00	0	0
##	[3851,]	0.000000e+00	0.000000e+00	0	0
##	[3852,]	0.000000e+00	0.000000e+00	0	0
##	[3853,]	0.000000e+00	0.000000e+00	0	0
##	[3854,]	0.000000e+00	0.000000e+00	0	0
##	[3855,]	1.000000e+00	0.000000e+00	0	0
##	[3856,]	0.000000e+00	0.000000e+00	0	0
##	[3857,]	0.000000e+00	0.000000e+00	0	0
##	[3858,]	0.000000e+00	0.000000e+00	0	0
##	[3859,]	0.000000e+00	0.000000e+00	0	0
##	[3860,]	0.000000e+00	0.000000e+00	0	0
##	[3861,]	0.000000e+00	0.000000e+00	0	0
##	[3862,]	0.000000e+00	0.000000e+00	0	0
##	[3863,]	6.948890e+07	3.600000e+01	1	0
##	[3864,]	0.000000e+00	0.000000e+00	0	0
##	[3865,]	0.000000e+00	0.000000e+00	0	0
##	[3866,]	0.000000e+00	0.000000e+00	0	0
##	[3867,]	1.600000e+01	0.000000e+00	0	0
##	[3868,]	0.000000e+00	0.000000e+00	0	0
##	[3869,]	0.000000e+00	0.000000e+00	0	0
##	[3870,]	0.000000e+00	0.000000e+00	0	0
##	[3871,]	0.000000e+00	0.000000e+00	0	0
##	[3872,]	0.000000e+00	0.000000e+00	0	0
##	[3873,]	0.000000e+00	0.000000e+00	0	0
##	[3874,]	0.000000e+00	0.000000e+00	0	0
##	[3875,]	0.000000e+00	0.000000e+00	0	0
##	[3876,]	3.600000e+01	0.000000e+00	0	0
##	[3877,]	0.000000e+00	0.000000e+00	0	0
##	[3878,]	4.900000e+01	0.000000e+00	0	0
##	[3879,]	1.916563e+08	8.100000e+01	4	0
##	[3880,]	0.000000e+00	0.000000e+00	0	0

##	[3881,]	5.155240e+05	1.000000e+00	0	0
##	[3882,]	0.000000e+00	0.000000e+00	0	0
##	[3883,]	0.000000e+00	0.000000e+00	0	0
##	[3884,]	0.000000e+00	0.000000e+00	0	0
##	[3885,]	2.611210e+05	4.000000e+00	0	0
##	[3886,]	6.400000e+01	4.000000e+00	0	0
##	[3887,]	0.000000e+00	0.000000e+00	0	0
##	[3888,]	0.000000e+00	0.000000e+00	0	0
##	[3889,]	0.000000e+00	0.000000e+00	0	0
##	[3890,]	4.436078e+08	5.760000e+02	1	0
##	[3891,]	0.000000e+00	0.000000e+00	0	0
##	[3892,]	0.000000e+00	0.000000e+00	0	0
##	[3893,]	3.833764e+06	4.900000e+01	0	0
##	[3894,]	0.000000e+00	0.000000e+00	0	0
##	[3895,]	3.815409e+09	1.822500e+04	4	0
##	[3896,]	1.690000e+02	1.000000e+02	0	0
##	[3897,]	0.000000e+00	0.000000e+00	0	0
##	[3898,]	0.000000e+00	0.000000e+00	0	0
##	[3899,]	0.000000e+00	0.000000e+00	0	0
##	[3900,]	3.200165e+07	4.840000e+02	4	0
##	[3901,]	1.522756e+06	1.440000e+02	0	0
##	[3902,]	0.000000e+00	0.000000e+00	0	0
##	[3903,]	0.000000e+00	0.000000e+00	0	0
##	[3904,]	0.000000e+00	0.000000e+00	0	0
##	[3905,]	0.000000e+00	0.000000e+00	0	0
##	[3906,]	0.000000e+00	0.000000e+00	0	0
##	[3907,]	6.400000e+01	3.600000e+01	0	0
##	[3908,]	1.896129e+06	5.760000e+02	0	0
##	[3909,]	0.000000e+00	0.000000e+00	0	0
##	[3910,]	1.685064e+08	5.929000e+03	0	0
##	[3911,]	0.000000e+00	0.000000e+00	0	0
##	[3912,]	0.000000e+00	0.000000e+00	0	0
##	[3913,]	0.000000e+00	0.000000e+00	0	0
##	[3914,]	0.000000e+00	0.000000e+00	0	0
##	[3915,]	1.600000e+01	0.000000e+00	0	0
##	[3916,]	0.000000e+00	0.000000e+00	0	0
##	[3917,]	0.000000e+00	0.000000e+00	0	0
##	[3918,]	0.000000e+00	0.000000e+00	0	0
##	[3919,]	0.000000e+00	0.000000e+00	0	0
##	[3920,]	0.000000e+00	0.000000e+00	0	0
##	[3921,]	4.000000e+00	1.210000e+02	0	0
##	[3922,]	0.000000e+00	0.000000e+00	0	0
##	[3923,]	0.000000e+00	0.000000e+00	0	0
##	[3924,]	5.110820e+07	9.604000e+03	16	0
##	[3925,]	0.000000e+00	0.000000e+00	0	0
##	[3926,]	0.000000e+00	0.000000e+00	0	0
##	[3927,]	0.000000e+00	0.000000e+00	0	0
##	[3928,]	7.259040e+05	2.250000e+02	0	0
##	[3929,]	2.777290e+05	1.444000e+03	0	0
##	[3930,]	0.000000e+00	0.000000e+00	0	0
##	[3931,]	0.000000e+00	0.000000e+00	0	0
##	[3932,]	1.102240e+05	1.000000e+02	0	0
##	[3933,]	1.190940e+07	5.041000e+03	1	0
##	[3934,]	0.000000e+00	0.000000e+00	0	0

##	[3935,]	0.000000e+00	0.000000e+00	0	0
##	[3936,]	5.856400e+04	2.304000e+03	0	0
##	[3937,]	0.000000e+00	0.000000e+00	0	0
##	[3938,]	0.000000e+00	0.000000e+00	0	0
##	[3939,]	4.000000e+00	4.000000e+00	0	0
##	[3940,]	0.000000e+00	0.000000e+00	0	0
##	[3941,]	4.000000e+00	1.600000e+01	0	0
##	[3942,]	0.000000e+00	0.000000e+00	0	0
##	[3943,]	0.000000e+00	0.000000e+00	0	0
##	[3944,]	2.458624e+06	4.225000e+03	1	0
##	[3945,]	0.000000e+00	0.000000e+00	0	0
##	[3946,]	0.000000e+00	0.000000e+00	0	0
##	[3947,]	0.000000e+00	0.000000e+00	0	0
##	[3948,]	0.000000e+00	0.000000e+00	0	0
##	[3949,]	9.801000e+03	7.840000e+02	0	0
##	[3950,]	3.960100e+04	2.500000e+01	0	0
##	[3951,]	0.000000e+00	0.000000e+00	0	0
##	[3952,]	0.000000e+00	0.000000e+00	0	0
##	[3953,]	3.600000e+01	0.000000e+00	0	0
##	[3954,]	1.210000e+02	0.000000e+00	0	0
##	[3955,]	0.000000e+00	0.000000e+00	0	0
##	[3956,]	0.000000e+00	0.000000e+00	0	0
##	[3957,]	4.921742e+08	2.250000e+02	9	0
##	[3958,]	0.000000e+00	0.000000e+00	0	0
##	[3959,]	0.000000e+00	0.000000e+00	0	0
##	[3960,]	0.000000e+00	0.000000e+00	0	0
##	[3961,]	0.000000e+00	0.000000e+00	0	0
##	[3962,]	0.000000e+00	0.000000e+00	0	0
##	[3963,]	0.000000e+00	0.000000e+00	0	0
##	[3964,]	0.000000e+00	0.000000e+00	0	0
##	[3965,]	1.617984e+08	9.025000e+03	0	0
##	[3966,]	5.329730e+09	4.774810e+05	576	0
##	[3967,]	1.296000e+03	5.625000e+03	4	0
##	[3968,]	0.000000e+00	0.000000e+00	0	0
##	[3969,]	1.000000e+00	0.000000e+00	0	0
##	[3970,]	6.100900e+06	1.000000e+02	1	0
##	[3971,]	0.000000e+00	0.000000e+00	0	0
##	[3972,]	0.000000e+00	0.000000e+00	0	0
##	[3973,]	0.000000e+00	0.000000e+00	0	0
##	[3974,]	0.000000e+00	0.000000e+00	0	0
##	[3975,]	0.000000e+00	0.000000e+00	0	0
##	[3976,]	0.000000e+00	0.000000e+00	0	0
##	[3977,]	0.000000e+00	0.000000e+00	0	0
##	[3978,]	0.000000e+00	0.000000e+00	0	0
##	[3979,]	0.000000e+00	0.000000e+00	0	0
##	[3980,]	0.000000e+00	0.000000e+00	0	0
##	[3981,]	0.000000e+00	0.000000e+00	0	0
##	[3982,]	0.000000e+00	0.000000e+00	0	0
##	[3983,]	0.000000e+00	0.000000e+00	0	0
##	[3984,]	0.000000e+00	0.000000e+00	0	0
##	[3985,]	0.000000e+00	1.000000e+00	0	0
##	[3986,]	1.210000e+02	0.000000e+00	0	0
##	[3987,]	0.000000e+00	0.000000e+00	0	0
##	[3988,]	0.000000e+00	0.000000e+00	0	0

##	[3989,]	4.000000e+00	0.000000e+00	0	0
##	[3990,]	4.238010e+07	9.000000e+00	0	0
##	[3991,]	2.500000e+01	0.000000e+00	0	0
##	[3992,]	1.278030e+08	3.600000e+01	0	0
##	[3993,]	0.000000e+00	0.000000e+00	0	0
##	[3994,]	0.000000e+00	0.000000e+00	0	0
##	[3995,]	8.100000e+01	0.000000e+00	0	0
##	[3996,]	0.000000e+00	0.000000e+00	0	0
##	[3997,]	0.000000e+00	0.000000e+00	0	0
##	[3998,]	0.000000e+00	0.000000e+00	0	0
##	[3999,]	0.000000e+00	0.000000e+00	0	0
##	[4000,]	0.000000e+00	0.000000e+00	0	0
##	[4001,]	0.000000e+00	0.000000e+00	0	0
##	[4002,]	0.000000e+00	0.000000e+00	0	0
##	[4003,]	0.000000e+00	0.000000e+00	0	0
##	[4004,]	0.000000e+00	0.000000e+00	0	0
##	[4005,]	1.274490e+05	0.000000e+00	0	0
##	[4006,]	2.117025e+06	1.000000e+00	0	0
##	[4007,]	0.000000e+00	0.000000e+00	0	0
##	[4008,]	4.150184e+08	9.610000e+02	0	0
##	[4009,]	3.600000e+01	1.000000e+00	0	0
##	[4010,]	0.000000e+00	0.000000e+00	0	0
##	[4011,]	0.000000e+00	0.000000e+00	0	0
##	[4012,]	1.243832e+09	3.422500e+04	196	0
##	[4013,]	2.890000e+02	2.250000e+02	4	0
##	[4014,]	1.000000e+00	0.000000e+00	0	0
##	[4015,]	0.000000e+00	0.000000e+00	0	0
##	[4016,]	5.175364e+07	5.290000e+02	0	0
##	[4017,]	0.000000e+00	0.000000e+00	0	0
##	[4018,]	0.000000e+00	0.000000e+00	0	0
##	[4019,]	1.172889e+06	1.600000e+01	1	0
##	[4020,]	0.000000e+00	0.000000e+00	0	0
##	[4021,]	0.000000e+00	0.000000e+00	0	0
##	[4022,]	0.000000e+00	0.000000e+00	0	0
##	[4023,]	0.000000e+00	0.000000e+00	0	0
##	[4024,]	2.352250e+05	1.000000e+00	0	0
##	[4025,]	5.664400e+06	2.560000e+02	0	0
##	[4026,]	0.000000e+00	0.000000e+00	0	0
##	[4027,]	7.680770e+07	1.742400e+04	4	0
##	[4028,]	0.000000e+00	0.000000e+00	0	0
##	[4029,]	0.000000e+00	0.000000e+00	0	0
##	[4030,]	4.900000e+01	1.690000e+02	0	0
##	[4031,]	0.000000e+00	0.000000e+00	0	0
##	[4032,]	4.000000e+00	0.000000e+00	0	0
##	[4033,]	0.000000e+00	0.000000e+00	0	0
##	[4034,]	0.000000e+00	0.000000e+00	0	0
##	[4035,]	0.000000e+00	0.000000e+00	0	0
##	[4036,]	0.000000e+00	0.000000e+00	0	0
##	[4037,]	0.000000e+00	0.000000e+00	0	0
##	[4038,]	0.000000e+00	0.000000e+00	0	0
##	[4039,]	0.000000e+00	0.000000e+00	0	0
##	[4040,]	0.000000e+00	0.000000e+00	0	0
##	[4041,]	0.000000e+00	0.000000e+00	0	0
##	[4042,]	0.000000e+00	0.000000e+00	0	0

##	[4043,]	0.000000e+00	0.000000e+00	0	0
##	[4044,]	2.633742e+07	2.220100e+04	9	0
##	[4045,]	0.000000e+00	4.000000e+02	0	0
##	[4046,]	0.000000e+00	0.000000e+00	0	0
##	[4047,]	0.000000e+00	0.000000e+00	0	0
##	[4048,]	1.212201e+06	3.240000e+02	0	0
##	[4049,]	0.000000e+00	0.000000e+00	0	0
##	[4050,]	6.002500e+04	9.000000e+00	0	0
##	[4051,]	4.000000e+00	4.410000e+02	0	0
##	[4052,]	0.000000e+00	0.000000e+00	0	0
##	[4053,]	1.823290e+05	6.250000e+02	0	0
##	[4054,]	0.000000e+00	0.000000e+00	0	0
##	[4055,]	3.422500e+04	1.000000e+00	0	0
##	[4056,]	5.740816e+06	1.123600e+04	16	0
##	[4057,]	0.000000e+00	0.000000e+00	0	0
##	[4058,]	0.000000e+00	0.000000e+00	0	0
##	[4059,]	0.000000e+00	0.000000e+00	0	0
##	[4060,]	0.000000e+00	0.000000e+00	0	0
##	[4061,]	2.656900e+04	1.440000e+02	0	0
##	[4062,]	1.151329e+06	7.744000e+03	1	0
##	[4063,]	0.000000e+00	0.000000e+00	0	0
##	[4064,]	0.000000e+00	0.000000e+00	0	0
##	[4065,]	0.000000e+00	0.000000e+00	0	0
##	[4066,]	0.000000e+00	0.000000e+00	0	0
##	[4067,]	0.000000e+00	0.000000e+00	0	0
##	[4068,]	1.600000e+01	2.500000e+01	0	0
##	[4069,]	1.322500e+04	1.000000e+00	0	0
##	[4070,]	0.000000e+00	0.000000e+00	0	0
##	[4071,]	0.000000e+00	0.000000e+00	0	0
##	[4072,]	0.000000e+00	0.000000e+00	0	0
##	[4073,]	0.000000e+00	0.000000e+00	0	0
##	[4074,]	0.000000e+00	1.000000e+00	0	0
##	[4075,]	0.000000e+00	0.000000e+00	0	0
##	[4076,]	3.174455e+08	8.100000e+01	0	0
##	[4077,]	4.000000e+02	0.000000e+00	0	0
##	[4078,]	0.000000e+00	0.000000e+00	0	0
##	[4079,]	0.000000e+00	0.000000e+00	0	0
##	[4080,]	4.900000e+01	0.000000e+00	0	0
##	[4081,]	0.000000e+00	0.000000e+00	0	0
##	[4082,]	1.308341e+09	8.968090e+05	225	0
##	[4083,]	0.000000e+00	0.000000e+00	0	0
##	[4084,]	2.528100e+06	2.890000e+02	1	0
##	[4085,]	0.000000e+00	0.000000e+00	0	0
##	[4086,]	0.000000e+00	0.000000e+00	0	0
##	[4087,]	8.532241e+06	3.763600e+04	1	0
##	[4088,]	0.000000e+00	0.000000e+00	0	0
##	[4089,]	2.704000e+03	1.681000e+03	0	0
##	[4090,]	0.000000e+00	1.000000e+00	0	0
##	[4091,]	0.000000e+00	0.000000e+00	0	0
##	[4092,]	0.000000e+00	0.000000e+00	0	0
##	[4093,]	0.000000e+00	0.000000e+00	0	0
##	[4094,]	0.000000e+00	0.000000e+00	0	0
##	[4095,]	1.000000e+00	0.000000e+00	0	0
##	[4096,]	0.000000e+00	0.000000e+00	0	0

##	[4097,]	0.000000e+00	0.000000e+00	0	0
##	[4098,]	0.000000e+00	0.000000e+00	0	0
##	[4099,]	0.000000e+00	0.000000e+00	0	0
##	[4100,]	0.000000e+00	0.000000e+00	0	0
##	[4101,]	1.000000e+00	0.000000e+00	0	0
##	[4102,]	0.000000e+00	0.000000e+00	0	0
##	[4103,]	0.000000e+00	0.000000e+00	0	0
##	[4104,]	0.000000e+00	0.000000e+00	0	0
##	[4105,]	0.000000e+00	0.000000e+00	0	0
##	[4106,]	0.000000e+00	0.000000e+00	0	0
##	[4107,]	0.000000e+00	0.000000e+00	0	0
##	[4108,]	1.578473e+07	3.600000e+01	0	0
##	[4109,]	1.024000e+03	0.000000e+00	0	0
##	[4110,]	0.000000e+00	0.000000e+00	0	0
##	[4111,]	0.000000e+00	0.000000e+00	0	0
##	[4112,]	1.000000e+00	0.000000e+00	0	0
##	[4113,]	0.000000e+00	0.000000e+00	0	0
##	[4114,]	0.000000e+00	0.000000e+00	0	0
##	[4115,]	3.721000e+03	0.000000e+00	0	0
##	[4116,]	0.000000e+00	0.000000e+00	0	0
##	[4117,]	0.000000e+00	0.000000e+00	0	0
##	[4118,]	0.000000e+00	0.000000e+00	0	0
##	[4119,]	2.500000e+01	0.000000e+00	0	0
##	[4120,]	2.886913e+07	1.600000e+01	0	0
##	[4121,]	0.000000e+00	0.000000e+00	0	0
##	[4122,]	2.381440e+05	0.000000e+00	0	0
##	[4123,]	0.000000e+00	0.000000e+00	0	0
##	[4124,]	0.000000e+00	0.000000e+00	0	0
##	[4125,]	5.077988e+07	1.960000e+02	1	0
##	[4126,]	1.600000e+01	3.600000e+01	0	0
##	[4127,]	0.000000e+00	0.000000e+00	0	0
##	[4128,]	4.452100e+04	4.000000e+00	0	0
##	[4129,]	0.000000e+00	0.000000e+00	0	0
##	[4130,]	0.000000e+00	0.000000e+00	0	0
##	[4131,]	3.568699e+08	4.326400e+04	36	0
##	[4132,]	0.000000e+00	0.000000e+00	0	0
##	[4133,]	0.000000e+00	0.000000e+00	0	0
##	[4134,]	5.565160e+05	1.600000e+01	0	0
##	[4135,]	0.000000e+00	0.000000e+00	0	0
##	[4136,]	2.399401e+06	6.760000e+02	1	0
##	[4137,]	4.410000e+02	2.250000e+02	0	0
##	[4138,]	0.000000e+00	1.000000e+00	0	0
##	[4139,]	0.000000e+00	0.000000e+00	0	0
##	[4140,]	0.000000e+00	0.000000e+00	0	0
##	[4141,]	0.000000e+00	0.000000e+00	0	0
##	[4142,]	0.000000e+00	0.000000e+00	0	0
##	[4143,]	2.180890e+05	6.760000e+02	0	0
##	[4144,]	0.000000e+00	0.000000e+00	0	0
##	[4145,]	0.000000e+00	0.000000e+00	0	0
##	[4146,]	0.000000e+00	0.000000e+00	0	0
##	[4147,]	2.516026e+07	2.131600e+04	9	0
##	[4148,]	0.000000e+00	0.000000e+00	0	0
##	[4149,]	8.065600e+04	2.500000e+01	0	0
##	[4150,]	1.000000e+02	6.400000e+01	0	0

##	[4151,]	0.000000e+00	0.000000e+00	0	0
##	[4152,]	0.000000e+00	0.000000e+00	0	0
##	[4153,]	0.000000e+00	0.000000e+00	0	0
##	[4154,]	0.000000e+00	0.000000e+00	0	0
##	[4155,]	0.000000e+00	0.000000e+00	0	0
##	[4156,]	0.000000e+00	0.000000e+00	0	0
##	[4157,]	9.000000e+00	0.000000e+00	0	0
##	[4158,]	0.000000e+00	0.000000e+00	0	0
##	[4159,]	0.000000e+00	0.000000e+00	0	0
##	[4160,]	0.000000e+00	0.000000e+00	0	0
##	[4161,]	0.000000e+00	0.000000e+00	0	0
##	[4162,]	0.000000e+00	0.000000e+00	0	0
##	[4163,]	8.803089e+06	3.841600e+04	9	0
##	[4164,]	4.900000e+01	1.600000e+01	0	0
##	[4165,]	2.958400e+04	9.000000e+00	0	0
##	[4166,]	0.000000e+00	0.000000e+00	0	0
##	[4167,]	0.000000e+00	0.000000e+00	0	0
##	[4168,]	0.000000e+00	0.000000e+00	0	0
##	[4169,]	4.928400e+04	2.704000e+03	0	0
##	[4170,]	0.000000e+00	0.000000e+00	0	0
##	[4171,]	0.000000e+00	0.000000e+00	0	0
##	[4172,]	0.000000e+00	0.000000e+00	0	0
##	[4173,]	1.716100e+04	1.521000e+03	0	0
##	[4174,]	8.100000e+01	1.600000e+01	0	0
##	[4175,]	1.276900e+04	1.000000e+00	1	0
##	[4176,]	0.000000e+00	0.000000e+00	0	0
##	[4177,]	0.000000e+00	0.000000e+00	0	0
##	[4178,]	2.140369e+06	2.788900e+04	4	0
##	[4179,]	0.000000e+00	0.000000e+00	0	0
##	[4180,]	0.000000e+00	0.000000e+00	0	0
##	[4181,]	4.096000e+03	4.000000e+00	0	0
##	[4182,]	1.000000e+00	1.600000e+01	0	0
##	[4183,]	0.000000e+00	0.000000e+00	0	0
##	[4184,]	0.000000e+00	0.000000e+00	0	0
##	[4185,]	4.096000e+03	2.601000e+03	0	0
##	[4186,]	0.000000e+00	0.000000e+00	0	0
##	[4187,]	5.012640e+05	4.665600e+04	0	0
##	[4188,]	0.000000e+00	0.000000e+00	0	0
##	[4189,]	0.000000e+00	0.000000e+00	0	0
##	[4190,]	0.000000e+00	0.000000e+00	0	0
##	[4191,]	0.000000e+00	0.000000e+00	0	0
##	[4192,]	0.000000e+00	0.000000e+00	0	0
##	[4193,]	1.000000e+00	0.000000e+00	0	0
##	[4194,]	0.000000e+00	0.000000e+00	0	0
##	[4195,]	0.000000e+00	0.000000e+00	0	0
##	[4196,]	3.600000e+01	0.000000e+00	0	0
##	[4197,]	0.000000e+00	0.000000e+00	0	0
##	[4198,]	0.000000e+00	0.000000e+00	0	0
##	[4199,]	8.649000e+03	0.000000e+00	0	0
##	[4200,]	8.742250e+07	1.000000e+02	0	0
##	[4201,]	1.000000e+00	4.000000e+00	0	0
##	[4202,]	0.000000e+00	0.000000e+00	0	0
##	[4203,]	2.666689e+06	4.000000e+02	0	0
##	[4204,]	0.000000e+00	0.000000e+00	0	0

##	[4205,]	0.000000e+00	0.000000e+00	0	0
##	[4206,]	6.693604e+08	1.192321e+07	576	1
##	[4207,]	1.301045e+07	9.000000e+04	36	0
##	[4208,]	0.000000e+00	0.000000e+00	0	0
##	[4209,]	8.410000e+02	8.410000e+02	0	0
##	[4210,]	0.000000e+00	0.000000e+00	0	0
##	[4211,]	0.000000e+00	0.000000e+00	0	0
##	[4212,]	0.000000e+00	0.000000e+00	0	0
##	[4213,]	0.000000e+00	0.000000e+00	0	0
##	[4214,]	0.000000e+00	0.000000e+00	0	0
##	[4215,]	0.000000e+00	0.000000e+00	0	0
##	[4216,]	0.000000e+00	0.000000e+00	0	0
##	[4217,]	0.000000e+00	0.000000e+00	0	0
##	[4218,]	4.000000e+00	0.000000e+00	0	0
##	[4219,]	0.000000e+00	0.000000e+00	0	0
##	[4220,]	0.000000e+00	0.000000e+00	0	0
##	[4221,]	4.972900e+04	1.000000e+00	0	0
##	[4222,]	0.000000e+00	0.000000e+00	0	0
##	[4223,]	9.000000e+00	0.000000e+00	0	0
##	[4224,]	0.000000e+00	0.000000e+00	0	0
##	[4225,]	0.000000e+00	0.000000e+00	0	0
##	[4226,]	1.285940e+07	4.000000e+00	0	0
##	[4227,]	0.000000e+00	0.000000e+00	0	0
##	[4228,]	0.000000e+00	0.000000e+00	0	0
##	[4229,]	0.000000e+00	0.000000e+00	0	0
##	[4230,]	0.000000e+00	0.000000e+00	0	0
##	[4231,]	9.486400e+04	0.000000e+00	0	0
##	[4232,]	0.000000e+00	0.000000e+00	0	0
##	[4233,]	4.900000e+01	0.000000e+00	0	0
##	[4234,]	0.000000e+00	0.000000e+00	0	0
##	[4235,]	0.000000e+00	0.000000e+00	0	0
##	[4236,]	0.000000e+00	0.000000e+00	0	0
##	[4237,]	1.634585e+07	6.400000e+01	0	0
##	[4238,]	0.000000e+00	0.000000e+00	0	0
##	[4239,]	0.000000e+00	0.000000e+00	0	0
##	[4240,]	0.000000e+00	0.000000e+00	0	0
##	[4241,]	2.510010e+05	2.500000e+01	0	0
##	[4242,]	0.000000e+00	0.000000e+00	0	0
##	[4243,]	4.796100e+04	0.000000e+00	0	0
##	[4244,]	0.000000e+00	0.000000e+00	0	0
##	[4245,]	0.000000e+00	0.000000e+00	0	0
##	[4246,]	0.000000e+00	0.000000e+00	0	0
##	[4247,]	1.600000e+01	4.000000e+00	0	0
##	[4248,]	0.000000e+00	0.000000e+00	0	0
##	[4249,]	2.333856e+07	3.136000e+03	0	0
##	[4250,]	0.000000e+00	0.000000e+00	0	0
##	[4251,]	3.385600e+06	4.356000e+03	9	0
##	[4252,]	0.000000e+00	0.000000e+00	0	0
##	[4253,]	1.000000e+00	0.000000e+00	0	0
##	[4254,]	0.000000e+00	0.000000e+00	0	0
##	[4255,]	0.000000e+00	0.000000e+00	0	0
##	[4256,]	6.352090e+05	4.000000e+00	0	0
##	[4257,]	1.960000e+02	8.100000e+01	0	0
##	[4258,]	0.000000e+00	0.000000e+00	0	0

##	[4259,]	0.000000e+00	0.000000e+00	0	0
##	[4260,]	1.751388e+08	3.364000e+05	81	0
##	[4261,]	1.600000e+01	4.900000e+01	0	0
##	[4262,]	0.000000e+00	0.000000e+00	0	0
##	[4263,]	3.969000e+05	4.356000e+03	1	0
##	[4264,]	0.000000e+00	0.000000e+00	0	0
##	[4265,]	0.000000e+00	1.000000e+00	0	0
##	[4266,]	0.000000e+00	0.000000e+00	0	0
##	[4267,]	1.425062e+07	2.420640e+05	25	0
##	[4268,]	0.000000e+00	0.000000e+00	0	0
##	[4269,]	8.584900e+04	2.500000e+01	0	0
##	[4270,]	0.000000e+00	0.000000e+00	0	0
##	[4271,]	0.000000e+00	0.000000e+00	0	0
##	[4272,]	0.000000e+00	0.000000e+00	0	0
##	[4273,]	0.000000e+00	0.000000e+00	0	0
##	[4274,]	0.000000e+00	0.000000e+00	0	0
##	[4275,]	0.000000e+00	0.000000e+00	0	0
##	[4276,]	0.000000e+00	0.000000e+00	0	0
##	[4277,]	0.000000e+00	0.000000e+00	0	0
##	[4278,]	0.000000e+00	0.000000e+00	0	0
##	[4279,]	4.900000e+01	4.000000e+00	0	0
##	[4280,]	0.000000e+00	0.000000e+00	0	0
##	[4281,]	0.000000e+00	0.000000e+00	0	0
##	[4282,]	1.296000e+05	6.084000e+03	1	0
##	[4283,]	0.000000e+00	0.000000e+00	0	0
##	[4284,]	0.000000e+00	0.000000e+00	0	0
##	[4285,]	2.500000e+01	3.600000e+01	0	0
##	[4286,]	0.000000e+00	0.000000e+00	0	0
##	[4287,]	0.000000e+00	0.000000e+00	0	0
##	[4288,]	0.000000e+00	0.000000e+00	0	0
##	[4289,]	2.924100e+04	1.600000e+01	0	0
##	[4290,]	5.143824e+06	4.134490e+05	9	0
##	[4291,]	8.836000e+03	2.500000e+01	0	0
##	[4292,]	0.000000e+00	0.000000e+00	0	0
##	[4293,]	0.000000e+00	0.000000e+00	0	0
##	[4294,]	1.000000e+00	2.500000e+01	0	0
##	[4295,]	0.000000e+00	0.000000e+00	0	0
##	[4296,]	0.000000e+00	0.000000e+00	0	0
##	[4297,]	2.689600e+04	3.969000e+03	1	0
##	[4298,]	1.281424e+06	4.928040e+05	16	0
##	[4299,]	0.000000e+00	0.000000e+00	0	0
##	[4300,]	0.000000e+00	0.000000e+00	0	0
##	[4301,]	3.481000e+03	1.600000e+01	0	0
##	[4302,]	1.254400e+04	4.840000e+02	0	0
##	[4303,]	3.994240e+05	9.604000e+05	9	1
##	[4304,]	0.000000e+00	1.000000e+00	0	0
##	[4305,]	0.000000e+00	0.000000e+00	0	0
##	[4306,]	0.000000e+00	0.000000e+00	0	0
##	[4307,]	0.000000e+00	0.000000e+00	0	0
##	[4308,]	0.000000e+00	0.000000e+00	0	0
##	[4309,]	0.000000e+00	0.000000e+00	0	0
##	[4310,]	1.000000e+00	0.000000e+00	0	0
##	[4311,]	0.000000e+00	0.000000e+00	0	0
##	[4312,]	1.000000e+02	0.000000e+00	0	0

##	[4313,]	0.000000e+00	0.000000e+00	0	0
##	[4314,]	5.833904e+07	1.440000e+02	0	0
##	[4315,]	0.000000e+00	0.000000e+00	0	0
##	[4316,]	0.000000e+00	0.000000e+00	0	0
##	[4317,]	0.000000e+00	0.000000e+00	0	0
##	[4318,]	2.819610e+05	1.000000e+00	0	0
##	[4319,]	0.000000e+00	0.000000e+00	0	0
##	[4320,]	0.000000e+00	0.000000e+00	0	0
##	[4321,]	0.000000e+00	0.000000e+00	0	0
##	[4322,]	7.157160e+05	7.840000e+02	1	0
##	[4323,]	0.000000e+00	0.000000e+00	0	0
##	[4324,]	3.549456e+06	1.089000e+05	36	0
##	[4325,]	1.444000e+03	4.410000e+02	0	0
##	[4326,]	0.000000e+00	0.000000e+00	0	0
##	[4327,]	0.000000e+00	0.000000e+00	0	0
##	[4328,]	5.344419e+08	3.251280e+07	729	1
##	[4329,]	0.000000e+00	0.000000e+00	0	0
##	[4330,]	9.000000e+00	0.000000e+00	0	0
##	[4331,]	0.000000e+00	0.000000e+00	0	0
##	[4332,]	0.000000e+00	0.000000e+00	0	0
##	[4333,]	0.000000e+00	0.000000e+00	0	0
##	[4334,]	0.000000e+00	0.000000e+00	0	0
##	[4335,]	0.000000e+00	0.000000e+00	0	0
##	[4336,]	0.000000e+00	0.000000e+00	0	0
##	[4337,]	1.000000e+00	0.000000e+00	0	0
##	[4338,]	0.000000e+00	0.000000e+00	0	0
##	[4339,]	0.000000e+00	0.000000e+00	0	0
##	[4340,]	0.000000e+00	0.000000e+00	0	0
##	[4341,]	0.000000e+00	0.000000e+00	0	0
##	[4342,]	0.000000e+00	0.000000e+00	0	0
##	[4343,]	0.000000e+00	0.000000e+00	0	0
##	[4344,]	0.000000e+00	0.000000e+00	0	0
##	[4345,]	0.000000e+00	0.000000e+00	0	0
##	[4346,]	0.000000e+00	0.000000e+00	0	0
##	[4347,]	0.000000e+00	0.000000e+00	0	0
##	[4348,]	1.015060e+07	1.000000e+02	0	0
##	[4349,]	6.084000e+03	0.000000e+00	0	0
##	[4350,]	0.000000e+00	0.000000e+00	0	0
##	[4351,]	0.000000e+00	0.000000e+00	0	0
##	[4352,]	0.000000e+00	0.000000e+00	0	0
##	[4353,]	0.000000e+00	0.000000e+00	0	0
##	[4354,]	1.188100e+04	0.000000e+00	0	0
##	[4355,]	0.000000e+00	0.000000e+00	0	0
##	[4356,]	0.000000e+00	0.000000e+00	0	0
##	[4357,]	0.000000e+00	0.000000e+00	0	0
##	[4358,]	4.000000e+00	0.000000e+00	0	0
##	[4359,]	0.000000e+00	0.000000e+00	0	0
##	[4360,]	1.197160e+07	6.400000e+01	0	0
##	[4361,]	0.000000e+00	0.000000e+00	0	0
##	[4362,]	9.000000e+00	0.000000e+00	0	0
##	[4363,]	0.000000e+00	0.000000e+00	0	0
##	[4364,]	0.000000e+00	0.000000e+00	0	0
##	[4365,]	0.000000e+00	0.000000e+00	0	0
##	[4366,]	1.659748e+07	5.929000e+03	1	0

##	[4367,]	1.000000e+04	1.000000e+00	0	0
##	[4368,]	0.000000e+00	0.000000e+00	0	0
##	[4369,]	0.000000e+00	0.000000e+00	0	0
##	[4370,]	9.000000e+04	3.600000e+01	0	0
##	[4371,]	0.000000e+00	0.000000e+00	0	0
##	[4372,]	0.000000e+00	0.000000e+00	0	0
##	[4373,]	9.584410e+05	6.400000e+03	16	0
##	[4374,]	1.394761e+08	1.014049e+06	16	0
##	[4375,]	2.227840e+05	1.600000e+01	0	0
##	[4376,]	0.000000e+00	0.000000e+00	0	0
##	[4377,]	0.000000e+00	0.000000e+00	0	0
##	[4378,]	3.610000e+02	8.100000e+01	0	0
##	[4379,]	0.000000e+00	0.000000e+00	0	0
##	[4380,]	1.000000e+00	0.000000e+00	0	0
##	[4381,]	1.440000e+02	2.500000e+01	0	0
##	[4382,]	4.000000e+00	0.000000e+00	0	0
##	[4383,]	0.000000e+00	0.000000e+00	0	0
##	[4384,]	1.464100e+04	8.100000e+01	0	0
##	[4385,]	0.000000e+00	0.000000e+00	0	0
##	[4386,]	1.141088e+07	7.123360e+05	64	0
##	[4387,]	0.000000e+00	0.000000e+00	0	0
##	[4388,]	0.000000e+00	0.000000e+00	0	0
##	[4389,]	8.179600e+04	4.225000e+03	0	0
##	[4390,]	0.000000e+00	0.000000e+00	0	0
##	[4391,]	0.000000e+00	0.000000e+00	0	0
##	[4392,]	0.000000e+00	0.000000e+00	0	0
##	[4393,]	0.000000e+00	0.000000e+00	0	0
##	[4394,]	0.000000e+00	0.000000e+00	0	0
##	[4395,]	0.000000e+00	0.000000e+00	0	0
##	[4396,]	0.000000e+00	0.000000e+00	0	0
##	[4397,]	3.600000e+01	0.000000e+00	0	0
##	[4398,]	0.000000e+00	0.000000e+00	0	0
##	[4399,]	0.000000e+00	0.000000e+00	0	0
##	[4400,]	0.000000e+00	0.000000e+00	0	0
##	[4401,]	0.000000e+00	0.000000e+00	0	0
##	[4402,]	0.000000e+00	0.000000e+00	0	0
##	[4403,]	0.000000e+00	0.000000e+00	0	0
##	[4404,]	2.016400e+04	4.900000e+03	1	0
##	[4405,]	0.000000e+00	0.000000e+00	0	0
##	[4406,]	0.000000e+00	0.000000e+00	0	0
##	[4407,]	4.000000e+00	9.000000e+00	0	0
##	[4408,]	4.359744e+06	6.609690e+05	36	0
##	[4409,]	0.000000e+00	0.000000e+00	0	0
##	[4410,]	6.561000e+03	4.900000e+01	1	0
##	[4411,]	0.000000e+00	0.000000e+00	0	0
##	[4412,]	1.764000e+03	4.000000e+00	0	0
##	[4413,]	0.000000e+00	0.000000e+00	0	0
##	[4414,]	1.060900e+04	3.249000e+03	1	0
##	[4415,]	0.000000e+00	0.000000e+00	0	0
##	[4416,]	1.218816e+06	1.038361e+06	16	0
##	[4417,]	0.000000e+00	0.000000e+00	0	0
##	[4418,]	4.000000e+00	1.000000e+00	0	0
##	[4419,]	0.000000e+00	0.000000e+00	0	0
##	[4420,]	0.000000e+00	0.000000e+00	0	0

##	[4421,]	4.408960e+05	3.771364e+06	16	1
##	[4422,]	0.000000e+00	0.000000e+00	0	0
##	[4423,]	0.000000e+00	9.000000e+00	0	0
##	[4424,]	0.000000e+00	0.000000e+00	0	0
##	[4425,]	0.000000e+00	0.000000e+00	0	0
##	[4426,]	5.476000e+03	2.704000e+03	0	0
##	[4427,]	0.000000e+00	0.000000e+00	0	0
##	[4428,]	0.000000e+00	0.000000e+00	0	0
##	[4429,]	9.000000e+02	2.500000e+01	0	0
##	[4430,]	0.000000e+00	0.000000e+00	0	0
##	[4431,]	0.000000e+00	0.000000e+00	0	0
##	[4432,]	3.496900e+04	0.000000e+00	0	0
##	[4433,]	0.000000e+00	0.000000e+00	0	0
##	[4434,]	0.000000e+00	0.000000e+00	0	0
##	[4435,]	0.000000e+00	0.000000e+00	0	0
##	[4436,]	0.000000e+00	0.000000e+00	0	0
##	[4437,]	0.000000e+00	0.000000e+00	0	0
##	[4438,]	4.000000e+00	0.000000e+00	0	0
##	[4439,]	4.426241e+07	3.240000e+02	0	0
##	[4440,]	0.000000e+00	0.000000e+00	0	0
##	[4441,]	6.835610e+08	1.556256e+08	1764	0
##	[4442,]	1.764000e+03	8.410000e+02	0	0
##	[4443,]	0.000000e+00	0.000000e+00	0	0
##	[4444,]	0.000000e+00	0.000000e+00	0	0
##	[4445,]	1.000000e+00	0.000000e+00	0	0
##	[4446,]	0.000000e+00	0.000000e+00	0	0
##	[4447,]	0.000000e+00	0.000000e+00	0	0
##	[4448,]	0.000000e+00	0.000000e+00	0	0
##	[4449,]	2.893401e+06	4.886010e+05	36	0
##	[4450,]	4.788640e+05	1.089000e+03	0	0
##	[4451,]	0.000000e+00	0.000000e+00	0	0
##	[4452,]	0.000000e+00	0.000000e+00	0	0
##	[4453,]	1.000000e+00	0.000000e+00	0	0
##	[4454,]	0.000000e+00	0.000000e+00	0	0
##	[4455,]	0.000000e+00	0.000000e+00	0	0
##	[4456,]	0.000000e+00	0.000000e+00	0	0
##	[4457,]	0.000000e+00	0.000000e+00	0	0
##	[4458,]	0.000000e+00	0.000000e+00	0	0
##	[4459,]	0.000000e+00	0.000000e+00	0	0
##	[4460,]	0.000000e+00	0.000000e+00	0	0
##	[4461,]	0.000000e+00	0.000000e+00	0	0
##	[4462,]	0.000000e+00	0.000000e+00	0	0
##	[4463,]	0.000000e+00	0.000000e+00	0	0
##	[4464,]	1.483790e+07	6.400000e+01	0	0
##	[4465,]	0.000000e+00	0.000000e+00	0	0
##	[4466,]	7.396000e+03	0.000000e+00	0	0
##	[4467,]	0.000000e+00	0.000000e+00	0	0
##	[4468,]	0.000000e+00	0.000000e+00	0	0
##	[4469,]	0.000000e+00	0.000000e+00	0	0
##	[4470,]	0.000000e+00	0.000000e+00	0	0
##	[4471,]	0.000000e+00	0.000000e+00	0	0
##	[4472,]	0.000000e+00	0.000000e+00	0	0
##	[4473,]	0.000000e+00	0.000000e+00	0	0
##	[4474,]	1.637012e+07	1.440000e+02	0	0

##	[4475,]	0.000000e+00	0.000000e+00	0	0
##	[4476,]	1.392400e+04	0.000000e+00	0	0
##	[4477,]	0.000000e+00	0.000000e+00	0	0
##	[4478,]	1.000000e+00	0.000000e+00	0	0
##	[4479,]	0.000000e+00	0.000000e+00	0	0
##	[4480,]	4.000000e+00	0.000000e+00	0	0
##	[4481,]	2.142764e+07	3.841600e+04	1	0
##	[4482,]	6.400000e+01	0.000000e+00	0	0
##	[4483,]	0.000000e+00	0.000000e+00	0	0
##	[4484,]	8.065600e+04	3.240000e+02	0	0
##	[4485,]	0.000000e+00	0.000000e+00	0	0
##	[4486,]	0.000000e+00	0.000000e+00	0	0
##	[4487,]	7.396000e+03	1.000000e+00	0	0
##	[4488,]	0.000000e+00	0.000000e+00	0	0
##	[4489,]	0.000000e+00	0.000000e+00	0	0
##	[4490,]	0.000000e+00	0.000000e+00	0	0
##	[4491,]	0.000000e+00	0.000000e+00	0	0
##	[4492,]	0.000000e+00	0.000000e+00	0	0
##	[4493,]	4.840000e+02	6.400000e+01	0	0
##	[4494,]	8.949160e+05	7.507600e+04	9	0
##	[4495,]	1.162810e+05	4.000000e+00	0	0
##	[4496,]	0.000000e+00	0.000000e+00	0	0
##	[4497,]	1.000000e+00	0.000000e+00	0	0
##	[4498,]	1.772093e+08	2.879809e+06	121	0
##	[4499,]	0.000000e+00	0.000000e+00	0	0
##	[4500,]	0.000000e+00	0.000000e+00	0	0
##	[4501,]	1.562500e+04	4.900000e+01	0	0
##	[4502,]	0.000000e+00	0.000000e+00	0	0
##	[4503,]	5.616900e+04	2.496400e+04	0	0
##	[4504,]	4.000000e+00	6.400000e+01	0	0
##	[4505,]	0.000000e+00	0.000000e+00	0	0
##	[4506,]	0.000000e+00	0.000000e+00	0	0
##	[4507,]	0.000000e+00	0.000000e+00	0	0
##	[4508,]	0.000000e+00	0.000000e+00	0	0
##	[4509,]	0.000000e+00	0.000000e+00	0	0
##	[4510,]	1.469189e+07	2.022084e+06	25	0
##	[4511,]	0.000000e+00	0.000000e+00	0	0
##	[4512,]	0.000000e+00	0.000000e+00	0	0
##	[4513,]	0.000000e+00	0.000000e+00	0	0
##	[4514,]	0.000000e+00	0.000000e+00	0	0
##	[4515,]	0.000000e+00	0.000000e+00	0	0
##	[4516,]	3.610000e+02	0.000000e+00	0	0
##	[4517,]	0.000000e+00	0.000000e+00	0	0
##	[4518,]	0.000000e+00	0.000000e+00	0	0
##	[4519,]	0.000000e+00	0.000000e+00	0	0
##	[4520,]	0.000000e+00	0.000000e+00	0	0
##	[4521,]	0.000000e+00	0.000000e+00	0	0
##	[4522,]	5.442889e+06	2.211169e+06	144	0
##	[4523,]	4.900000e+01	4.000000e+00	0	0
##	[4524,]	0.000000e+00	0.000000e+00	0	0
##	[4525,]	1.768900e+04	7.921000e+03	1	0
##	[4526,]	0.000000e+00	0.000000e+00	0	0
##	[4527,]	0.000000e+00	0.000000e+00	0	0
##	[4528,]	5.184000e+03	2.500000e+01	0	0

##	[4529,]	0.000000e+00	0.000000e+00	0	0
##	[4530,]	0.000000e+00	0.000000e+00	0	0
##	[4531,]	0.000000e+00	0.000000e+00	0	0
##	[4532,]	1.296000e+03	4.900000e+01	0	0
##	[4533,]	0.000000e+00	0.000000e+00	0	0
##	[4534,]	0.000000e+00	0.000000e+00	0	0
##	[4535,]	0.000000e+00	0.000000e+00	0	0
##	[4536,]	0.000000e+00	0.000000e+00	0	0
##	[4537,]	1.522756e+06	3.940225e+06	36	0
##	[4538,]	0.000000e+00	0.000000e+00	0	0
##	[4539,]	5.776000e+03	5.329000e+03	1	0
##	[4540,]	1.000000e+00	3.600000e+01	0	0
##	[4541,]	6.250000e+02	7.569000e+03	1	0
##	[4542,]	0.000000e+00	0.000000e+00	0	0
##	[4543,]	0.000000e+00	0.000000e+00	0	0
##	[4544,]	6.464160e+05	3.235334e+07	49	0
##	[4545,]	1.024000e+03	1.210000e+02	0	0
##	[4546,]	0.000000e+00	0.000000e+00	0	0
##	[4547,]	4.000000e+00	2.500000e+01	0	0
##	[4548,]	0.000000e+00	0.000000e+00	0	0
##	[4549,]	0.000000e+00	0.000000e+00	0	0
##	[4550,]	0.000000e+00	0.000000e+00	0	0
##	[4551,]	0.000000e+00	0.000000e+00	0	0
##	[4552,]	0.000000e+00	0.000000e+00	0	0
##	[4553,]	1.000000e+00	0.000000e+00	0	0
##	[4554,]	0.000000e+00	0.000000e+00	0	0
##	[4555,]	0.000000e+00	0.000000e+00	0	0
##	[4556,]	4.161600e+04	0.000000e+00	0	0
##	[4557,]	4.000000e+00	0.000000e+00	0	0
##	[4558,]	0.000000e+00	0.000000e+00	0	0
##	[4559,]	0.000000e+00	0.000000e+00	0	0
##	[4560,]	6.269472e+07	4.000000e+02	0	0
##	[4561,]	5.963364e+08	4.523704e+08	2809	4
##	[4562,]	1.369000e+03	1.156000e+03	4	0
##	[4563,]	0.000000e+00	0.000000e+00	0	0
##	[4564,]	9.158490e+05	5.290000e+02	1	0
##	[4565,]	0.000000e+00	0.000000e+00	0	0
##	[4566,]	1.166400e+06	3.928324e+06	121	0
##	[4567,]	1.000000e+00	1.000000e+00	0	0
##	[4568,]	0.000000e+00	0.000000e+00	0	0
##	[4569,]	0.000000e+00	0.000000e+00	0	0
##	[4570,]	0.000000e+00	0.000000e+00	0	0
##	[4571,]	0.000000e+00	0.000000e+00	0	0
##	[4572,]	0.000000e+00	0.000000e+00	0	0
##	[4573,]	0.000000e+00	0.000000e+00	0	0
##	[4574,]	0.000000e+00	0.000000e+00	0	0
##	[4575,]	0.000000e+00	0.000000e+00	0	0
##	[4576,]	0.000000e+00	0.000000e+00	0	0
##	[4577,]	0.000000e+00	0.000000e+00	0	0
##	[4578,]	0.000000e+00	0.000000e+00	0	0
##	[4579,]	0.000000e+00	0.000000e+00	0	0
##	[4580,]	4.000000e+00	0.000000e+00	0	0
##	[4581,]	0.000000e+00	0.000000e+00	0	0
##	[4582,]	0.000000e+00	0.000000e+00	0	0

##	[4583,]	0.000000e+00	0.000000e+00	0	0
##	[4584,]	4.096000e+03	0.000000e+00	0	0
##	[4585,]	0.000000e+00	0.000000e+00	0	0
##	[4586,]	1.000000e+00	0.000000e+00	0	0
##	[4587,]	0.000000e+00	0.000000e+00	0	0
##	[4588,]	0.000000e+00	0.000000e+00	0	0
##	[4589,]	1.248916e+07	3.600000e+01	1	0
##	[4590,]	0.000000e+00	0.000000e+00	0	0
##	[4591,]	4.000000e+00	0.000000e+00	0	0
##	[4592,]	0.000000e+00	0.000000e+00	0	0
##	[4593,]	0.000000e+00	0.000000e+00	0	0
##	[4594,]	0.000000e+00	0.000000e+00	0	0
##	[4595,]	4.761000e+03	4.000000e+00	0	0
##	[4596,]	0.000000e+00	0.000000e+00	0	0
##	[4597,]	0.000000e+00	0.000000e+00	0	0
##	[4598,]	1.403252e+07	6.400000e+01	0	0
##	[4599,]	0.000000e+00	0.000000e+00	0	0
##	[4600,]	0.000000e+00	0.000000e+00	0	0
##	[4601,]	0.000000e+00	0.000000e+00	0	0
##	[4602,]	0.000000e+00	0.000000e+00	0	0
##	[4603,]	0.000000e+00	0.000000e+00	0	0
##	[4604,]	1.690000e+04	1.000000e+00	0	0
##	[4605,]	1.440000e+02	1.000000e+00	0	0
##	[4606,]	0.000000e+00	0.000000e+00	0	0
##	[4607,]	0.000000e+00	0.000000e+00	0	0
##	[4608,]	1.896602e+07	3.802500e+04	1	0
##	[4609,]	3.312400e+04	5.760000e+02	0	0
##	[4610,]	0.000000e+00	0.000000e+00	0	0
##	[4611,]	0.000000e+00	0.000000e+00	0	0
##	[4612,]	0.000000e+00	0.000000e+00	0	0
##	[4613,]	1.960000e+02	4.900000e+01	0	0
##	[4614,]	1.000000e+00	1.000000e+00	0	0
##	[4615,]	3.237610e+05	3.943840e+05	16	0
##	[4616,]	0.000000e+00	0.000000e+00	0	0
##	[4617,]	1.998090e+05	9.000000e+00	0	0
##	[4618,]	0.000000e+00	0.000000e+00	0	0
##	[4619,]	1.514376e+08	5.678689e+06	49	1
##	[4620,]	0.000000e+00	0.000000e+00	0	0
##	[4621,]	0.000000e+00	0.000000e+00	0	0
##	[4622,]	0.000000e+00	0.000000e+00	0	0
##	[4623,]	0.000000e+00	0.000000e+00	0	0
##	[4624,]	5.428900e+04	1.600000e+01	0	0
##	[4625,]	0.000000e+00	0.000000e+00	0	0
##	[4626,]	1.281640e+07	4.338889e+06	64	1
##	[4627,]	0.000000e+00	0.000000e+00	0	0
##	[4628,]	0.000000e+00	0.000000e+00	0	0
##	[4629,]	3.168400e+04	2.034010e+05	9	0
##	[4630,]	3.600000e+01	3.600000e+01	0	0
##	[4631,]	8.100000e+01	0.000000e+00	0	0
##	[4632,]	0.000000e+00	0.000000e+00	0	0
##	[4633,]	0.000000e+00	0.000000e+00	0	0
##	[4634,]	0.000000e+00	0.000000e+00	0	0
##	[4635,]	0.000000e+00	0.000000e+00	0	0
##	[4636,]	0.000000e+00	0.000000e+00	0	0

##	[4637,]	0.000000e+00	0.000000e+00	0	0
##	[4638,]	0.000000e+00	0.000000e+00	0	0
##	[4639,]	0.000000e+00	0.000000e+00	0	0
##	[4640,]	0.000000e+00	0.000000e+00	0	0
##	[4641,]	4.225000e+03	5.616900e+04	9	0
##	[4642,]	6.241000e+03	0.000000e+00	0	0
##	[4643,]	0.000000e+00	0.000000e+00	0	0
##	[4644,]	4.000000e+00	1.000000e+02	4	0
##	[4645,]	4.639716e+06	5.659641e+06	289	0
##	[4646,]	0.000000e+00	0.000000e+00	0	0
##	[4647,]	0.000000e+00	0.000000e+00	0	0
##	[4648,]	0.000000e+00	0.000000e+00	0	0
##	[4649,]	0.000000e+00	0.000000e+00	0	0
##	[4650,]	0.000000e+00	0.000000e+00	0	0
##	[4651,]	2.401000e+03	4.900000e+01	1	0
##	[4652,]	0.000000e+00	0.000000e+00	0	0
##	[4653,]	0.000000e+00	0.000000e+00	0	0
##	[4654,]	0.000000e+00	0.000000e+00	0	0
##	[4655,]	2.601000e+03	5.062500e+04	1	0
##	[4656,]	1.459264e+06	1.193012e+07	169	0
##	[4657,]	9.000000e+00	1.600000e+01	0	0
##	[4658,]	0.000000e+00	0.000000e+00	0	0
##	[4659,]	0.000000e+00	0.000000e+00	0	0
##	[4660,]	0.000000e+00	0.000000e+00	0	0
##	[4661,]	0.000000e+00	0.000000e+00	0	0
##	[4662,]	0.000000e+00	0.000000e+00	0	0
##	[4663,]	0.000000e+00	0.000000e+00	0	0
##	[4664,]	6.674890e+05	1.161006e+08	49	0
##	[4665,]	0.000000e+00	0.000000e+00	0	0
##	[4666,]	0.000000e+00	0.000000e+00	0	0
##	[4667,]	0.000000e+00	0.000000e+00	0	0
##	[4668,]	3.610000e+02	6.400000e+01	0	0
##	[4669,]	1.225000e+03	1.738890e+05	0	0
##	[4670,]	0.000000e+00	3.600000e+01	0	0
##	[4671,]	0.000000e+00	0.000000e+00	0	0
##	[4672,]	1.768900e+04	4.000000e+00	0	0
##	[4673,]	0.000000e+00	0.000000e+00	0	0
##	[4674,]	0.000000e+00	0.000000e+00	0	0
##	[4675,]	9.000000e+00	0.000000e+00	0	0
##	[4676,]	0.000000e+00	0.000000e+00	0	0
##	[4677,]	0.000000e+00	0.000000e+00	0	0
##	[4678,]	5.315868e+07	1.960000e+02	1	0
##	[4679,]	0.000000e+00	0.000000e+00	0	0
##	[4680,]	0.000000e+00	0.000000e+00	0	0
##	[4681,]	0.000000e+00	0.000000e+00	0	0
##	[4682,]	0.000000e+00	0.000000e+00	0	0
##	[4683,]	0.000000e+00	0.000000e+00	0	0
##	[4684,]	2.334784e+06	4.447881e+06	289	0
##	[4685,]	0.000000e+00	0.000000e+00	0	0
##	[4686,]	9.610000e+02	1.988100e+04	4	0
##	[4687,]	0.000000e+00	0.000000e+00	0	0
##	[4688,]	3.387240e+05	1.960000e+02	4	0
##	[4689,]	0.000000e+00	0.000000e+00	0	0
##	[4690,]	6.403430e+08	1.037871e+09	4225	1

##	[4691,]	0.000000e+00	0.000000e+00	0	0
##	[4692,]	0.000000e+00	0.000000e+00	0	0
##	[4693,]	0.000000e+00	0.000000e+00	0	0
##	[4694,]	0.000000e+00	0.000000e+00	0	0
##	[4695,]	0.000000e+00	0.000000e+00	0	0
##	[4696,]	0.000000e+00	0.000000e+00	0	0
##	[4697,]	0.000000e+00	0.000000e+00	0	0
##	[4698,]	0.000000e+00	0.000000e+00	0	0
##	[4699,]	0.000000e+00	0.000000e+00	0	0
##	[4700,]	3.600000e+01	0.000000e+00	0	0
##	[4701,]	0.000000e+00	0.000000e+00	0	0
##	[4702,]	1.434137e+07	9.000000e+00	0	0
##	[4703,]	0.000000e+00	0.000000e+00	0	0
##	[4704,]	0.000000e+00	0.000000e+00	0	0
##	[4705,]	0.000000e+00	0.000000e+00	0	0
##	[4706,]	0.000000e+00	0.000000e+00	0	0
##	[4707,]	0.000000e+00	0.000000e+00	0	0
##	[4708,]	1.960000e+04	0.000000e+00	0	0
##	[4709,]	0.000000e+00	0.000000e+00	0	0
##	[4710,]	0.000000e+00	0.000000e+00	0	0
##	[4711,]	0.000000e+00	0.000000e+00	0	0
##	[4712,]	0.000000e+00	0.000000e+00	0	0
##	[4713,]	0.000000e+00	0.000000e+00	0	0
##	[4714,]	1.000000e+00	0.000000e+00	0	0
##	[4715,]	0.000000e+00	0.000000e+00	0	0
##	[4716,]	4.000000e+00	0.000000e+00	0	0
##	[4717,]	1.493822e+07	2.890000e+02	0	0
##	[4718,]	0.000000e+00	0.000000e+00	0	0
##	[4719,]	0.000000e+00	0.000000e+00	0	0
##	[4720,]	3.534400e+04	0.000000e+00	0	0
##	[4721,]	0.000000e+00	0.000000e+00	0	0
##	[4722,]	3.600000e+01	1.600000e+01	0	0
##	[4723,]	0.000000e+00	0.000000e+00	0	0
##	[4724,]	9.801000e+03	0.000000e+00	1	0
##	[4725,]	2.075714e+07	2.352250e+05	0	0
##	[4726,]	0.000000e+00	0.000000e+00	0	0
##	[4727,]	0.000000e+00	0.000000e+00	0	0
##	[4728,]	0.000000e+00	0.000000e+00	0	0
##	[4729,]	0.000000e+00	0.000000e+00	0	0
##	[4730,]	6.864400e+04	8.100000e+03	0	0
##	[4731,]	0.000000e+00	0.000000e+00	0	0
##	[4732,]	7.840000e+04	1.000000e+00	0	0
##	[4733,]	0.000000e+00	0.000000e+00	0	0
##	[4734,]	6.512490e+05	4.844160e+05	9	0
##	[4735,]	2.560000e+02	1.296000e+03	1	0
##	[4736,]	1.692341e+08	1.364564e+07	256	1
##	[4737,]	0.000000e+00	0.000000e+00	0	0
##	[4738,]	0.000000e+00	0.000000e+00	0	0
##	[4739,]	0.000000e+00	0.000000e+00	0	0
##	[4740,]	0.000000e+00	0.000000e+00	0	0
##	[4741,]	0.000000e+00	0.000000e+00	0	0
##	[4742,]	0.000000e+00	0.000000e+00	0	0
##	[4743,]	7.921000e+03	1.000000e+00	0	0
##	[4744,]	0.000000e+00	0.000000e+00	0	0

##	[4745,]	2.500000e+01	7.840000e+02	0	0
##	[4746,]	0.000000e+00	0.000000e+00	0	0
##	[4747,]	0.000000e+00	0.000000e+00	0	0
##	[4748,]	1.276633e+07	7.946761e+06	64	0
##	[4749,]	0.000000e+00	0.000000e+00	0	0
##	[4750,]	6.250000e+04	1.421290e+05	25	0
##	[4751,]	0.000000e+00	0.000000e+00	0	0
##	[4752,]	0.000000e+00	0.000000e+00	0	0
##	[4753,]	0.000000e+00	0.000000e+00	0	0
##	[4754,]	1.024000e+03	0.000000e+00	0	0
##	[4755,]	0.000000e+00	0.000000e+00	0	0
##	[4756,]	0.000000e+00	0.000000e+00	0	0
##	[4757,]	0.000000e+00	0.000000e+00	0	0
##	[4758,]	0.000000e+00	0.000000e+00	0	0
##	[4759,]	0.000000e+00	0.000000e+00	0	0
##	[4760,]	0.000000e+00	0.000000e+00	0	0
##	[4761,]	4.528384e+06	9.284209e+06	289	0
##	[4762,]	0.000000e+00	0.000000e+00	0	0
##	[4763,]	1.299600e+04	6.812100e+04	16	0
##	[4764,]	0.000000e+00	0.000000e+00	0	0
##	[4765,]	9.000000e+00	4.410000e+02	0	0
##	[4766,]	0.000000e+00	0.000000e+00	0	0
##	[4767,]	0.000000e+00	0.000000e+00	0	0
##	[4768,]	0.000000e+00	0.000000e+00	0	0
##	[4769,]	3.969000e+03	1.000000e+00	0	0
##	[4770,]	0.000000e+00	0.000000e+00	0	0
##	[4771,]	0.000000e+00	0.000000e+00	0	0
##	[4772,]	7.840000e+02	1.600000e+01	1	0
##	[4773,]	0.000000e+00	0.000000e+00	0	0
##	[4774,]	0.000000e+00	0.000000e+00	0	0
##	[4775,]	0.000000e+00	0.000000e+00	0	0
##	[4776,]	1.338649e+06	1.863649e+07	225	0
##	[4777,]	0.000000e+00	0.000000e+00	0	0
##	[4778,]	4.489000e+03	9.060100e+04	16	0
##	[4779,]	1.000000e+00	7.840000e+02	1	0
##	[4780,]	0.000000e+00	0.000000e+00	0	0
##	[4781,]	7.840000e+02	1.474560e+05	1	0
##	[4782,]	0.000000e+00	0.000000e+00	0	0
##	[4783,]	7.779240e+05	3.187653e+08	81	0
##	[4784,]	0.000000e+00	0.000000e+00	0	0
##	[4785,]	0.000000e+00	0.000000e+00	0	0
##	[4786,]	0.000000e+00	0.000000e+00	0	0
##	[4787,]	5.290000e+02	4.900000e+01	0	0
##	[4788,]	0.000000e+00	5.760000e+02	0	0
##	[4789,]	0.000000e+00	0.000000e+00	0	0
##	[4790,]	0.000000e+00	0.000000e+00	0	0
##	[4791,]	1.075840e+05	0.000000e+00	0	0
##	[4792,]	5.913610e+07	4.000000e+02	0	0
##	[4793,]	4.000000e+00	0.000000e+00	0	0
##	[4794,]	0.000000e+00	0.000000e+00	0	0
##	[4795,]	0.000000e+00	0.000000e+00	0	0
##	[4796,]	0.000000e+00	0.000000e+00	0	0
##	[4797,]	1.000000e+00	0.000000e+00	0	0
##	[4798,]	0.000000e+00	0.000000e+00	0	0

##	[4799,]	0.000000e+00	0.000000e+00	0	0
##	[4800,]	0.000000e+00	0.000000e+00	0	0
##	[4801,]	1.000000e+00	1.000000e+00	0	0
##	[4802,]	7.507600e+04	2.250000e+02	0	0
##	[4803,]	0.000000e+00	0.000000e+00	0	0
##	[4804,]	0.000000e+00	0.000000e+00	0	0
##	[4805,]	0.000000e+00	0.000000e+00	0	0
##	[4806,]	9.045056e+08	3.774382e+09	4096	4
##	[4807,]	0.000000e+00	1.000000e+00	0	0
##	[4808,]	2.869636e+06	1.002989e+07	64	1
##	[4809,]	2.209000e+03	1.876900e+04	25	0
##	[4810,]	0.000000e+00	0.000000e+00	0	0
##	[4811,]	0.000000e+00	0.000000e+00	0	0
##	[4812,]	0.000000e+00	0.000000e+00	0	0
##	[4813,]	0.000000e+00	0.000000e+00	0	0
##	[4814,]	0.000000e+00	0.000000e+00	0	0
##	[4815,]	0.000000e+00	0.000000e+00	0	0
##	[4816,]	1.000000e+02	0.000000e+00	0	0
##	[4817,]	0.000000e+00	0.000000e+00	0	0
##	[4818,]	0.000000e+00	0.000000e+00	0	0
##	[4819,]	0.000000e+00	0.000000e+00	0	0
##	[4820,]	0.000000e+00	0.000000e+00	0	0
##	[4821,]	0.000000e+00	0.000000e+00	0	0
##	[4822,]	1.000000e+00	0.000000e+00	0	0
##	[4823,]	0.000000e+00	0.000000e+00	0	0
##	[4824,]	0.000000e+00	0.000000e+00	0	0
##	[4825,]	1.276900e+04	0.000000e+00	0	0
##	[4826,]	0.000000e+00	0.000000e+00	0	0
##	[4827,]	0.000000e+00	0.000000e+00	0	0
##	[4828,]	0.000000e+00	0.000000e+00	0	0
##	[4829,]	1.543704e+07	6.400000e+01	0	0
##	[4830,]	0.000000e+00	0.000000e+00	0	0
##	[4831,]	0.000000e+00	0.000000e+00	0	0
##	[4832,]	1.643492e+07	3.240000e+02	0	0
##	[4833,]	0.000000e+00	0.000000e+00	0	0
##	[4834,]	0.000000e+00	0.000000e+00	0	0
##	[4835,]	1.716100e+04	0.000000e+00	0	0
##	[4836,]	0.000000e+00	0.000000e+00	0	0
##	[4837,]	0.000000e+00	0.000000e+00	0	0
##	[4838,]	1.000000e+00	0.000000e+00	0	0
##	[4839,]	9.000000e+00	0.000000e+00	0	0
##	[4840,]	0.000000e+00	0.000000e+00	0	0
##	[4841,]	2.500000e+01	4.900000e+01	0	0
##	[4842,]	0.000000e+00	0.000000e+00	0	0
##	[4843,]	6.400900e+04	1.690000e+04	1	0
##	[4844,]	2.630664e+07	9.063040e+05	4	0
##	[4845,]	0.000000e+00	0.000000e+00	0	0
##	[4846,]	8.410000e+02	1.000000e+00	0	0
##	[4847,]	0.000000e+00	0.000000e+00	0	0
##	[4848,]	0.000000e+00	0.000000e+00	0	0
##	[4849,]	0.000000e+00	0.000000e+00	0	0
##	[4850,]	0.000000e+00	0.000000e+00	0	0
##	[4851,]	7.691290e+05	8.574760e+05	4	1
##	[4852,]	0.000000e+00	0.000000e+00	0	0

##	[4853,]	1.440000e+04	1.600000e+01	0	0
##	[4854,]	1.000000e+00	0.000000e+00	0	0
##	[4855,]	0.000000e+00	0.000000e+00	0	0
##	[4856,]	0.000000e+00	0.000000e+00	0	0
##	[4857,]	0.000000e+00	0.000000e+00	0	0
##	[4858,]	0.000000e+00	0.000000e+00	0	0
##	[4859,]	2.318311e+08	5.150933e+07	361	1
##	[4860,]	4.000000e+02	1.849000e+03	9	0
##	[4861,]	0.000000e+00	0.000000e+00	0	0
##	[4862,]	0.000000e+00	0.000000e+00	0	0
##	[4863,]	0.000000e+00	0.000000e+00	0	0
##	[4864,]	0.000000e+00	0.000000e+00	0	0
##	[4865,]	8.584900e+04	2.766760e+05	0	0
##	[4866,]	0.000000e+00	0.000000e+00	0	0
##	[4867,]	4.489000e+03	4.000000e+00	0	0
##	[4868,]	2.250000e+02	7.840000e+02	4	0
##	[4869,]	1.873158e+07	2.524058e+07	169	0
##	[4870,]	0.000000e+00	0.000000e+00	0	0
##	[4871,]	0.000000e+00	0.000000e+00	0	0
##	[4872,]	6.561000e+03	0.000000e+00	0	0
##	[4873,]	0.000000e+00	0.000000e+00	0	0
##	[4874,]	0.000000e+00	0.000000e+00	0	0
##	[4875,]	0.000000e+00	0.000000e+00	0	0
##	[4876,]	0.000000e+00	0.000000e+00	0	0
##	[4877,]	0.000000e+00	0.000000e+00	0	0
##	[4878,]	0.000000e+00	0.000000e+00	0	0
##	[4879,]	0.000000e+00	0.000000e+00	0	0
##	[4880,]	0.000000e+00	0.000000e+00	0	0
##	[4881,]	0.000000e+00	0.000000e+00	0	0
##	[4882,]	2.496400e+04	1.513210e+05	1	0
##	[4883,]	1.600000e+01	4.410000e+02	0	0
##	[4884,]	0.000000e+00	0.000000e+00	0	0
##	[4885,]	0.000000e+00	0.000000e+00	0	0
##	[4886,]	7.290000e+02	9.000000e+00	0	0
##	[4887,]	0.000000e+00	0.000000e+00	0	0
##	[4888,]	6.335289e+06	2.720666e+07	169	1
##	[4889,]	0.000000e+00	0.000000e+00	0	0
##	[4890,]	0.000000e+00	0.000000e+00	0	0
##	[4891,]	5.929000e+03	4.070440e+05	16	0
##	[4892,]	0.000000e+00	0.000000e+00	0	0
##	[4893,]	0.000000e+00	1.000000e+00	0	0
##	[4894,]	2.430481e+06	5.843074e+07	64	0
##	[4895,]	0.000000e+00	0.000000e+00	0	0
##	[4896,]	4.000000e+02	0.000000e+00	0	0
##	[4897,]	0.000000e+00	0.000000e+00	0	0
##	[4898,]	9.000000e+00	3.610000e+02	0	0
##	[4899,]	0.000000e+00	0.000000e+00	0	0
##	[4900,]	0.000000e+00	0.000000e+00	0	0
##	[4901,]	0.000000e+00	0.000000e+00	0	0
##	[4902,]	0.000000e+00	0.000000e+00	0	0
##	[4903,]	0.000000e+00	0.000000e+00	0	0
##	[4904,]	0.000000e+00	0.000000e+00	0	0
##	[4905,]	0.000000e+00	3.610000e+02	0	0
##	[4906,]	0.000000e+00	1.000000e+00	0	0

##	[4907,]	1.296000e+03	3.113640e+05	0	0
##	[4908,]	1.210000e+02	2.500000e+01	0	0
##	[4909,]	0.000000e+00	0.000000e+00	0	0
##	[4910,]	1.731856e+06	1.254789e+09	81	0
##	[4911,]	0.000000e+00	0.000000e+00	0	0
##	[4912,]	5.953600e+04	0.000000e+00	0	0
##	[4913,]	0.000000e+00	0.000000e+00	0	0
##	[4914,]	9.000000e+00	0.000000e+00	0	0
##	[4915,]	0.000000e+00	0.000000e+00	0	0
##	[4916,]	4.000000e+00	0.000000e+00	0	0
##	[4917,]	0.000000e+00	0.000000e+00	0	0
##	[4918,]	0.000000e+00	0.000000e+00	0	0
##	[4919,]	6.518948e+07	6.760000e+02	0	0
##	[4920,]	0.000000e+00	0.000000e+00	0	0
##	[4921,]	0.000000e+00	4.000000e+00	0	0
##	[4922,]	2.250000e+06	2.042136e+07	144	1
##	[4923,]	0.000000e+00	0.000000e+00	0	0
##	[4924,]	1.000000e+00	0.000000e+00	0	0
##	[4925,]	0.000000e+00	0.000000e+00	0	0
##	[4926,]	8.422184e+08	3.810469e+09	7744	4
##	[4927,]	0.000000e+00	0.000000e+00	0	0
##	[4928,]	2.250000e+02	3.841600e+04	9	0
##	[4929,]	5.017600e+04	3.610000e+02	1	0
##	[4930,]	0.000000e+00	0.000000e+00	0	0
##	[4931,]	0.000000e+00	0.000000e+00	0	0
##	[4932,]	0.000000e+00	0.000000e+00	0	0
##	[4933,]	0.000000e+00	0.000000e+00	0	0
##	[4934,]	0.000000e+00	0.000000e+00	0	0
##	[4935,]	0.000000e+00	0.000000e+00	0	0
##	[4936,]	4.410000e+02	0.000000e+00	0	0
##	[4937,]	0.000000e+00	0.000000e+00	0	0
##	[4938,]	0.000000e+00	0.000000e+00	0	0
##	[4939,]	0.000000e+00	0.000000e+00	0	0
##	[4940,]	0.000000e+00	0.000000e+00	0	0
##	[4941,]	1.322500e+04	0.000000e+00	0	0
##	[4942,]	1.600000e+01	0.000000e+00	0	0
##	[4943,]	0.000000e+00	0.000000e+00	0	0
##	[4944,]	0.000000e+00	0.000000e+00	0	0
##	[4945,]	0.000000e+00	0.000000e+00	0	0
##	[4946,]	1.231308e+07	3.600000e+01	0	0
##	[4947,]	0.000000e+00	0.000000e+00	0	0
##	[4948,]	0.000000e+00	0.000000e+00	0	0
##	[4949,]	0.000000e+00	0.000000e+00	0	0
##	[4950,]	0.000000e+00	0.000000e+00	0	0
##	[4951,]	0.000000e+00	0.000000e+00	0	0
##	[4952,]	0.000000e+00	0.000000e+00	0	0
##	[4953,]	0.000000e+00	0.000000e+00	0	0
##	[4954,]	3.600000e+01	0.000000e+00	0	0
##	[4955,]	0.000000e+00	0.000000e+00	0	0
##	[4956,]	0.000000e+00	1.000000e+00	0	0
##	[4957,]	0.000000e+00	0.000000e+00	0	0
##	[4958,]	1.392400e+04	1.000000e+00	0	0
##	[4959,]	1.522560e+07	1.089000e+03	0	0
##	[4960,]	0.000000e+00	0.000000e+00	0	0

##	[4961,]	0.000000e+00	0.000000e+00	0	0
##	[4962,]	6.451600e+04	2.788900e+04	1	0
##	[4963,]	0.000000e+00	0.000000e+00	0	0
##	[4964,]	6.760000e+02	0.000000e+00	0	0
##	[4965,]	0.000000e+00	0.000000e+00	0	0
##	[4966,]	2.488014e+07	1.265625e+06	0	1
##	[4967,]	9.000000e+00	3.600000e+01	0	0
##	[4968,]	0.000000e+00	0.000000e+00	0	0
##	[4969,]	0.000000e+00	0.000000e+00	0	0
##	[4970,]	0.000000e+00	0.000000e+00	0	0
##	[4971,]	0.000000e+00	0.000000e+00	0	0
##	[4972,]	0.000000e+00	0.000000e+00	0	0
##	[4973,]	0.000000e+00	0.000000e+00	0	0
##	[4974,]	0.000000e+00	0.000000e+00	0	0
##	[4975,]	9.000000e+00	4.489000e+03	0	0
##	[4976,]	5.625000e+05	1.811716e+06	16	0
##	[4977,]	0.000000e+00	0.000000e+00	0	0
##	[4978,]	1.166400e+04	0.000000e+00	0	0
##	[4979,]	2.187441e+08	8.339342e+07	529	0
##	[4980,]	0.000000e+00	0.000000e+00	0	0
##	[4981,]	0.000000e+00	0.000000e+00	0	0
##	[4982,]	0.000000e+00	0.000000e+00	0	0
##	[4983,]	5.664400e+04	4.705960e+05	4	0
##	[4984,]	0.000000e+00	0.000000e+00	0	0
##	[4985,]	1.681000e+03	9.000000e+00	0	0
##	[4986,]	0.000000e+00	0.000000e+00	0	0
##	[4987,]	1.729728e+07	4.149936e+07	256	0
##	[4988,]	0.000000e+00	0.000000e+00	0	0
##	[4989,]	0.000000e+00	0.000000e+00	0	0
##	[4990,]	9.000000e+00	1.849000e+03	9	0
##	[4991,]	0.000000e+00	0.000000e+00	0	0
##	[4992,]	0.000000e+00	0.000000e+00	0	0
##	[4993,]	0.000000e+00	0.000000e+00	0	0
##	[4994,]	0.000000e+00	0.000000e+00	0	0
##	[4995,]	0.000000e+00	0.000000e+00	0	0
##	[4996,]	0.000000e+00	0.000000e+00	0	0
##	[4997,]	1.166400e+04	0.000000e+00	0	0
##	[4998,]	0.000000e+00	0.000000e+00	0	0
##	[4999,]	0.000000e+00	0.000000e+00	0	0
##	[5000,]	0.000000e+00	0.000000e+00	0	0
##	[5001,]	0.000000e+00	0.000000e+00	0	0
##	[5002,]	1.000000e+00	0.000000e+00	0	0
##	[5003,]	6.007401e+06	4.047504e+07	400	0
##	[5004,]	0.000000e+00	0.000000e+00	0	0
##	[5005,]	4.410000e+02	3.600000e+01	0	0
##	[5006,]	0.000000e+00	0.000000e+00	0	0
##	[5007,]	9.000000e+00	1.444000e+03	0	0
##	[5008,]	0.000000e+00	0.000000e+00	0	0
##	[5009,]	1.464100e+04	2.798410e+05	4	1
##	[5010,]	0.000000e+00	0.000000e+00	0	0
##	[5011,]	0.000000e+00	0.000000e+00	0	0
##	[5012,]	0.000000e+00	0.000000e+00	0	0
##	[5013,]	8.100000e+03	6.099610e+05	1	0
##	[5014,]	0.000000e+00	0.000000e+00	0	0

##	[5015,]	0.000000e+00	0.000000e+00	0	0
##	[5016,]	0.000000e+00	0.000000e+00	0	0
##	[5017,]	4.410000e+02	9.000000e+00	1	0
##	[5018,]	1.000000e+00	6.250000e+02	0	0
##	[5019,]	2.253001e+06	9.566796e+07	225	1
##	[5020,]	0.000000e+00	0.000000e+00	0	0
##	[5021,]	1.281424e+06	8.344588e+08	196	0
##	[5022,]	2.209000e+03	1.020100e+06	4	0
##	[5023,]	0.000000e+00	0.000000e+00	0	0
##	[5024,]	4.900000e+01	4.900000e+01	0	0
##	[5025,]	0.000000e+00	0.000000e+00	0	0
##	[5026,]	0.000000e+00	0.000000e+00	0	0
##	[5027,]	0.000000e+00	0.000000e+00	0	0
##	[5028,]	4.000000e+00	2.890000e+02	0	0
##	[5029,]	0.000000e+00	0.000000e+00	0	0
##	[5030,]	0.000000e+00	4.000000e+00	0	0
##	[5031,]	1.000000e+02	0.000000e+00	0	0
##	[5032,]	0.000000e+00	0.000000e+00	0	0
##	[5033,]	5.685160e+07	1.521000e+03	0	0
##	[5034,]	0.000000e+00	0.000000e+00	0	0
##	[5035,]	5.428900e+04	1.000000e+00	0	0
##	[5036,]	0.000000e+00	0.000000e+00	0	0
##	[5037,]	0.000000e+00	0.000000e+00	0	0
##	[5038,]	0.000000e+00	0.000000e+00	0	0
##	[5039,]	0.000000e+00	1.000000e+00	0	0
##	[5040,]	0.000000e+00	0.000000e+00	0	0
##	[5041,]	2.560000e+02	9.424900e+04	1	0
##	[5042,]	2.102500e+04	2.250000e+02	1	0
##	[5043,]	0.000000e+00	1.000000e+00	0	0
##	[5044,]	0.000000e+00	1.000000e+00	0	0
##	[5045,]	0.000000e+00	0.000000e+00	0	0
##	[5046,]	7.489527e+08	5.905000e+09	6889	0
##	[5047,]	1.512900e+06	3.829134e+07	144	0
##	[5048,]	0.000000e+00	0.000000e+00	0	0
##	[5049,]	0.000000e+00	0.000000e+00	0	0
##	[5050,]	0.000000e+00	0.000000e+00	0	0
##	[5051,]	0.000000e+00	0.000000e+00	0	0
##	[5052,]	0.000000e+00	0.000000e+00	0	0
##	[5053,]	2.890000e+02	0.000000e+00	0	0
##	[5054,]	0.000000e+00	0.000000e+00	0	0
##	[5055,]	0.000000e+00	0.000000e+00	0	0
##	[5056,]	0.000000e+00	0.000000e+00	0	0
##	[5057,]	0.000000e+00	0.000000e+00	0	0
##	[5058,]	0.000000e+00	0.000000e+00	0	0
##	[5059,]	0.000000e+00	0.000000e+00	0	0
##	[5060,]	0.000000e+00	0.000000e+00	0	0
##	[5061,]	0.000000e+00	0.000000e+00	0	0
##	[5062,]	3.025000e+03	0.000000e+00	0	0
##	[5063,]	1.833552e+07	8.100000e+01	0	0
##	[5064,]	0.000000e+00	0.000000e+00	0	0
##	[5065,]	0.000000e+00	0.000000e+00	0	0
##	[5066,]	0.000000e+00	0.000000e+00	0	0
##	[5067,]	1.000000e+00	0.000000e+00	0	0
##	[5068,]	0.000000e+00	0.000000e+00	0	0

##	[5069,]	0.000000e+00	0.000000e+00	0	0
##	[5070,]	0.000000e+00	0.000000e+00	0	0
##	[5071,]	5.776000e+03	9.000000e+00	0	0
##	[5072,]	0.000000e+00	0.000000e+00	0	0
##	[5073,]	0.000000e+00	0.000000e+00	0	0
##	[5074,]	0.000000e+00	0.000000e+00	0	0
##	[5075,]	0.000000e+00	1.000000e+00	0	0
##	[5076,]	0.000000e+00	0.000000e+00	0	0
##	[5077,]	0.000000e+00	0.000000e+00	0	0
##	[5078,]	9.000000e+00	0.000000e+00	0	0
##	[5079,]	1.505440e+07	1.521000e+03	0	0
##	[5080,]	0.000000e+00	0.000000e+00	0	0
##	[5081,]	0.000000e+00	0.000000e+00	0	0
##	[5082,]	0.000000e+00	0.000000e+00	0	0
##	[5083,]	2.496400e+04	4.243600e+04	0	0
##	[5084,]	0.000000e+00	0.000000e+00	0	0
##	[5085,]	0.000000e+00	0.000000e+00	0	0
##	[5086,]	0.000000e+00	0.000000e+00	0	0
##	[5087,]	9.000000e+00	2.250000e+02	0	0
##	[5088,]	0.000000e+00	0.000000e+00	0	0
##	[5089,]	5.290000e+02	1.000000e+00	0	0
##	[5090,]	2.134440e+07	2.579236e+06	9	0
##	[5091,]	0.000000e+00	0.000000e+00	0	0
##	[5092,]	0.000000e+00	0.000000e+00	0	0
##	[5093,]	0.000000e+00	0.000000e+00	0	0
##	[5094,]	2.000527e+08	1.642499e+08	121	0
##	[5095,]	4.788640e+05	2.178576e+06	9	0
##	[5096,]	0.000000e+00	0.000000e+00	0	0
##	[5097,]	3.481000e+03	1.600000e+01	0	0
##	[5098,]	0.000000e+00	0.000000e+00	0	0
##	[5099,]	0.000000e+00	0.000000e+00	0	0
##	[5100,]	1.210000e+02	7.225000e+03	0	0
##	[5101,]	0.000000e+00	0.000000e+00	0	0
##	[5102,]	0.000000e+00	0.000000e+00	0	0
##	[5103,]	1.535856e+07	7.940592e+07	324	0
##	[5104,]	3.880900e+04	1.040400e+06	4	0
##	[5105,]	0.000000e+00	0.000000e+00	0	0
##	[5106,]	1.000000e+00	5.625000e+03	0	0
##	[5107,]	0.000000e+00	0.000000e+00	0	0
##	[5108,]	9.000000e+02	2.500000e+01	0	0
##	[5109,]	0.000000e+00	0.000000e+00	0	0
##	[5110,]	0.000000e+00	0.000000e+00	0	0
##	[5111,]	0.000000e+00	0.000000e+00	0	0
##	[5112,]	0.000000e+00	0.000000e+00	0	0
##	[5113,]	0.000000e+00	0.000000e+00	0	0
##	[5114,]	0.000000e+00	0.000000e+00	0	0
##	[5115,]	0.000000e+00	0.000000e+00	0	0
##	[5116,]	0.000000e+00	0.000000e+00	0	0
##	[5117,]	0.000000e+00	0.000000e+00	0	0
##	[5118,]	0.000000e+00	0.000000e+00	0	0
##	[5119,]	0.000000e+00	0.000000e+00	0	0
##	[5120,]	3.422500e+04	0.000000e+00	0	0
##	[5121,]	7.569000e+03	9.312250e+05	4	0
##	[5122,]	0.000000e+00	0.000000e+00	0	0

##	[5123,]	0.000000e+00	0.000000e+00	0	0
##	[5124,]	0.000000e+00	0.000000e+00	0	0
##	[5125,]	2.560000e+02	4.000000e+00	0	0
##	[5126,]	0.000000e+00	0.000000e+00	0	0
##	[5127,]	5.017600e+06	6.980602e+07	256	0
##	[5128,]	0.000000e+00	0.000000e+00	0	0
##	[5129,]	0.000000e+00	2.304000e+03	1	0
##	[5130,]	0.000000e+00	1.000000e+00	0	0
##	[5131,]	0.000000e+00	0.000000e+00	0	0
##	[5132,]	0.000000e+00	0.000000e+00	0	0
##	[5133,]	0.000000e+00	0.000000e+00	0	0
##	[5134,]	1.774224e+06	1.869236e+08	400	0
##	[5135,]	0.000000e+00	0.000000e+00	0	0
##	[5136,]	1.960000e+02	4.000000e+00	1	0
##	[5137,]	4.489000e+03	2.298256e+06	4	0
##	[5138,]	0.000000e+00	0.000000e+00	0	0
##	[5139,]	0.000000e+00	3.249000e+03	0	0
##	[5140,]	0.000000e+00	0.000000e+00	0	0
##	[5141,]	1.236544e+06	9.912423e+08	225	0
##	[5142,]	0.000000e+00	0.000000e+00	0	0
##	[5143,]	0.000000e+00	0.000000e+00	0	0
##	[5144,]	9.000000e+00	1.000000e+00	0	0
##	[5145,]	0.000000e+00	1.000000e+00	0	0
##	[5146,]	8.410000e+02	1.010025e+06	9	0
##	[5147,]	0.000000e+00	0.000000e+00	0	0
##	[5148,]	0.000000e+00	0.000000e+00	0	0
##	[5149,]	0.000000e+00	0.000000e+00	0	0
##	[5150,]	1.000000e+00	7.290000e+02	0	0
##	[5151,]	6.995650e+07	2.304000e+03	0	0
##	[5152,]	0.000000e+00	1.000000e+00	0	0
##	[5153,]	0.000000e+00	0.000000e+00	0	0
##	[5154,]	0.000000e+00	0.000000e+00	0	0
##	[5155,]	1.716100e+04	9.000000e+00	0	0
##	[5156,]	0.000000e+00	0.000000e+00	0	0
##	[5157,]	1.600000e+01	0.000000e+00	0	0
##	[5158,]	0.000000e+00	0.000000e+00	0	0
##	[5159,]	0.000000e+00	0.000000e+00	0	0
##	[5160,]	0.000000e+00	0.000000e+00	0	0
##	[5161,]	0.000000e+00	0.000000e+00	0	0
##	[5162,]	0.000000e+00	1.000000e+00	0	0
##	[5163,]	9.960040e+05	1.923700e+07	25	9
##	[5164,]	4.862466e+08	3.552160e+09	3969	1
##	[5165,]	1.988100e+04	2.560000e+02	1	0
##	[5166,]	1.000000e+00	1.000000e+00	0	0
##	[5167,]	0.000000e+00	0.000000e+00	0	0
##	[5168,]	0.000000e+00	0.000000e+00	0	0
##	[5169,]	1.690000e+02	1.128960e+05	9	0
##	[5170,]	0.000000e+00	0.000000e+00	0	0
##	[5171,]	0.000000e+00	0.000000e+00	0	0
##	[5172,]	0.000000e+00	0.000000e+00	0	0
##	[5173,]	0.000000e+00	0.000000e+00	0	0
##	[5174,]	0.000000e+00	0.000000e+00	0	0
##	[5175,]	0.000000e+00	0.000000e+00	0	0
##	[5176,]	0.000000e+00	0.000000e+00	0	0

##	[5177,]	1.210000e+02	0.000000e+00	0	0
##	[5178,]	0.000000e+00	0.000000e+00	0	0
##	[5179,]	0.000000e+00	0.000000e+00	0	0
##	[5180,]	0.000000e+00	0.000000e+00	0	0
##	[5181,]	0.000000e+00	1.000000e+00	0	0
##	[5182,]	6.456681e+06	8.100000e+01	0	0
##	[5183,]	0.000000e+00	0.000000e+00	0	0
##	[5184,]	0.000000e+00	0.000000e+00	0	0
##	[5185,]	0.000000e+00	0.000000e+00	0	0
##	[5186,]	0.000000e+00	0.000000e+00	0	0
##	[5187,]	0.000000e+00	0.000000e+00	0	0
##	[5188,]	0.000000e+00	0.000000e+00	0	0
##	[5189,]	0.000000e+00	0.000000e+00	0	0
##	[5190,]	1.024000e+03	1.000000e+00	0	0
##	[5191,]	0.000000e+00	0.000000e+00	0	0
##	[5192,]	4.356000e+03	4.000000e+00	0	0
##	[5193,]	0.000000e+00	0.000000e+00	0	0
##	[5194,]	0.000000e+00	0.000000e+00	0	0
##	[5195,]	0.000000e+00	0.000000e+00	0	0
##	[5196,]	0.000000e+00	0.000000e+00	0	0
##	[5197,]	0.000000e+00	1.000000e+00	0	0
##	[5198,]	6.780816e+06	2.500000e+03	0	0
##	[5199,]	1.000000e+00	0.000000e+00	0	0
##	[5200,]	1.000000e+00	0.000000e+00	0	0
##	[5201,]	2.073600e+04	2.958400e+04	0	1
##	[5202,]	0.000000e+00	0.000000e+00	0	0
##	[5203,]	8.410000e+02	0.000000e+00	0	0
##	[5204,]	0.000000e+00	0.000000e+00	0	0
##	[5205,]	1.000000e+00	1.521000e+03	0	0
##	[5206,]	0.000000e+00	0.000000e+00	0	0
##	[5207,]	1.636202e+07	3.319684e+06	16	0
##	[5208,]	0.000000e+00	0.000000e+00	0	0
##	[5209,]	0.000000e+00	0.000000e+00	0	0
##	[5210,]	0.000000e+00	0.000000e+00	0	0
##	[5211,]	3.721000e+03	4.900000e+01	0	0
##	[5212,]	4.900000e+01	1.638400e+04	1	0
##	[5213,]	0.000000e+00	0.000000e+00	0	0
##	[5214,]	0.000000e+00	0.000000e+00	0	0
##	[5215,]	2.851560e+05	9.101160e+05	1	1
##	[5216,]	0.000000e+00	0.000000e+00	0	0
##	[5217,]	1.281424e+08	1.221909e+08	225	0
##	[5218,]	0.000000e+00	1.000000e+00	0	0
##	[5219,]	0.000000e+00	0.000000e+00	0	0
##	[5220,]	0.000000e+00	0.000000e+00	0	0
##	[5221,]	2.560000e+04	3.492810e+05	4	0
##	[5222,]	0.000000e+00	0.000000e+00	0	0
##	[5223,]	1.600000e+01	5.329000e+03	1	0
##	[5224,]	0.000000e+00	0.000000e+00	0	0
##	[5225,]	9.998244e+06	4.995662e+07	121	0
##	[5226,]	0.000000e+00	0.000000e+00	0	0
##	[5227,]	6.250000e+02	9.000000e+00	0	0
##	[5228,]	0.000000e+00	0.000000e+00	0	0
##	[5229,]	0.000000e+00	0.000000e+00	0	0
##	[5230,]	1.000000e+00	0.000000e+00	0	0

##	[5231,]	0.000000e+00	0.000000e+00	0	0
##	[5232,]	0.000000e+00	0.000000e+00	0	0
##	[5233,]	0.000000e+00	0.000000e+00	0	0
##	[5234,]	0.000000e+00	0.000000e+00	0	0
##	[5235,]	0.000000e+00	0.000000e+00	0	0
##	[5236,]	0.000000e+00	0.000000e+00	0	0
##	[5237,]	1.690000e+04	0.000000e+00	0	0
##	[5238,]	0.000000e+00	0.000000e+00	0	0
##	[5239,]	0.000000e+00	0.000000e+00	0	0
##	[5240,]	0.000000e+00	0.000000e+00	0	0
##	[5241,]	0.000000e+00	2.704000e+03	0	0
##	[5242,]	6.724000e+03	3.696640e+05	4	0
##	[5243,]	0.000000e+00	0.000000e+00	0	0
##	[5244,]	0.000000e+00	0.000000e+00	0	0
##	[5245,]	0.000000e+00	0.000000e+00	0	0
##	[5246,]	3.104644e+06	4.732064e+07	289	1
##	[5247,]	1.440000e+02	4.000000e+00	0	0
##	[5248,]	0.000000e+00	0.000000e+00	0	0
##	[5249,]	0.000000e+00	0.000000e+00	0	0
##	[5250,]	0.000000e+00	0.000000e+00	0	0
##	[5251,]	0.000000e+00	0.000000e+00	0	0
##	[5252,]	3.600000e+01	1.600000e+01	0	0
##	[5253,]	0.000000e+00	0.000000e+00	0	0
##	[5254,]	2.809000e+03	1.731856e+06	0	1
##	[5255,]	0.000000e+00	0.000000e+00	0	0
##	[5256,]	1.000000e+00	7.290000e+02	1	0
##	[5257,]	9.370240e+05	1.383917e+08	144	0
##	[5258,]	0.000000e+00	0.000000e+00	0	0
##	[5259,]	0.000000e+00	0.000000e+00	0	0
##	[5260,]	0.000000e+00	0.000000e+00	0	0
##	[5261,]	6.400000e+01	0.000000e+00	1	0
##	[5262,]	0.000000e+00	0.000000e+00	0	0
##	[5263,]	6.304360e+05	4.415462e+08	16	0
##	[5264,]	0.000000e+00	0.000000e+00	0	0
##	[5265,]	0.000000e+00	2.890000e+02	0	0
##	[5266,]	0.000000e+00	0.000000e+00	0	0
##	[5267,]	6.250000e+02	5.550250e+05	0	0
##	[5268,]	0.000000e+00	1.000000e+00	0	0
##	[5269,]	0.000000e+00	0.000000e+00	0	0
##	[5270,]	0.000000e+00	0.000000e+00	0	0
##	[5271,]	1.000000e+00	0.000000e+00	0	0
##	[5272,]	0.000000e+00	4.000000e+00	0	0
##	[5273,]	0.000000e+00	0.000000e+00	0	0
##	[5274,]	1.000000e+00	0.000000e+00	0	0
##	[5275,]	0.000000e+00	0.000000e+00	0	0
##	[5276,]	0.000000e+00	0.000000e+00	0	0
##	[5277,]	2.794180e+07	3.481000e+03	0	0
##	[5278,]	0.000000e+00	0.000000e+00	0	0
##	[5279,]	0.000000e+00	0.000000e+00	0	0
##	[5280,]	9.604000e+03	9.000000e+00	0	0
##	[5281,]	0.000000e+00	0.000000e+00	0	0
##	[5282,]	4.000000e+00	4.900000e+01	0	0
##	[5283,]	0.000000e+00	0.000000e+00	0	0
##	[5284,]	0.000000e+00	0.000000e+00	0	0

##	[5285,]	1.299600e+04	1.296000e+03	0	0
##	[5286,]	0.000000e+00	0.000000e+00	0	0
##	[5287,]	4.000000e+02	1.332250e+05	16	0
##	[5288,]	1.123600e+06	1.195742e+08	441	16
##	[5289,]	0.000000e+00	0.000000e+00	0	0
##	[5290,]	6.624446e+08	1.942149e+10	23409	9
##	[5291,]	0.000000e+00	0.000000e+00	0	0
##	[5292,]	0.000000e+00	0.000000e+00	0	0
##	[5293,]	0.000000e+00	0.000000e+00	0	0
##	[5294,]	2.250000e+02	0.000000e+00	0	0
##	[5295,]	0.000000e+00	0.000000e+00	0	0
##	[5296,]	0.000000e+00	0.000000e+00	0	0
##	[5297,]	0.000000e+00	0.000000e+00	0	0
##	[5298,]	0.000000e+00	0.000000e+00	0	0
##	[5299,]	0.000000e+00	0.000000e+00	0	0
##	[5300,]	0.000000e+00	0.000000e+00	0	0
##	[5301,]	0.000000e+00	0.000000e+00	0	0
##	[5302,]	0.000000e+00	0.000000e+00	0	0
##	[5303,]	0.000000e+00	0.000000e+00	0	0
##	[5304,]	9.199089e+06	2.890000e+02	0	0
##	[5305,]	0.000000e+00	1.000000e+00	0	0
##	[5306,]	0.000000e+00	0.000000e+00	0	0
##	[5307,]	0.000000e+00	0.000000e+00	0	0
##	[5308,]	0.000000e+00	1.000000e+00	0	0
##	[5309,]	0.000000e+00	0.000000e+00	0	0
##	[5310,]	1.600000e+03	0.000000e+00	0	0
##	[5311,]	0.000000e+00	0.000000e+00	0	0
##	[5312,]	0.000000e+00	0.000000e+00	0	0
##	[5313,]	3.249000e+03	4.000000e+00	0	0
##	[5314,]	0.000000e+00	0.000000e+00	0	0
##	[5315,]	1.000000e+00	0.000000e+00	0	0
##	[5316,]	0.000000e+00	0.000000e+00	0	0
##	[5317,]	7.873636e+06	1.188100e+04	0	0
##	[5318,]	0.000000e+00	0.000000e+00	0	0
##	[5319,]	0.000000e+00	0.000000e+00	0	0
##	[5320,]	1.000000e+00	0.000000e+00	0	0
##	[5321,]	0.000000e+00	0.000000e+00	0	0
##	[5322,]	0.000000e+00	0.000000e+00	0	0
##	[5323,]	0.000000e+00	0.000000e+00	0	0
##	[5324,]	2.560000e+02	4.000000e+00	0	0
##	[5325,]	0.000000e+00	0.000000e+00	0	0
##	[5326,]	0.000000e+00	0.000000e+00	0	0
##	[5327,]	0.000000e+00	0.000000e+00	0	0
##	[5328,]	1.729728e+07	2.084836e+07	36	0
##	[5329,]	1.512900e+04	5.760000e+04	0	0
##	[5330,]	9.000000e+00	1.296000e+03	0	0
##	[5331,]	2.970250e+05	7.006609e+06	36	1
##	[5332,]	0.000000e+00	0.000000e+00	0	0
##	[5333,]	0.000000e+00	0.000000e+00	0	0
##	[5334,]	1.000000e+00	0.000000e+00	0	0
##	[5335,]	0.000000e+00	0.000000e+00	0	0
##	[5336,]	3.136000e+03	3.600000e+01	0	0
##	[5337,]	1.758011e+08	1.023936e+09	1681	1
##	[5338,]	0.000000e+00	0.000000e+00	0	0

##	[5339,]	4.900000e+01	2.044900e+04	1	0
##	[5340,]	0.000000e+00	0.000000e+00	0	0
##	[5341,]	3.027600e+04	3.286969e+06	36	4
##	[5342,]	1.000000e+00	0.000000e+00	0	0
##	[5343,]	0.000000e+00	0.000000e+00	0	0
##	[5344,]	0.000000e+00	0.000000e+00	0	0
##	[5345,]	5.290000e+02	8.100000e+01	0	0
##	[5346,]	0.000000e+00	0.000000e+00	0	0
##	[5347,]	3.600000e+01	5.625000e+03	1	0
##	[5348,]	0.000000e+00	0.000000e+00	0	0
##	[5349,]	0.000000e+00	0.000000e+00	0	0
##	[5350,]	1.538993e+07	4.567196e+08	441	1
##	[5351,]	0.000000e+00	0.000000e+00	0	0
##	[5352,]	0.000000e+00	0.000000e+00	0	0
##	[5353,]	9.548100e+04	0.000000e+00	0	0
##	[5354,]	0.000000e+00	0.000000e+00	0	0
##	[5355,]	0.000000e+00	0.000000e+00	0	0
##	[5356,]	0.000000e+00	0.000000e+00	0	0
##	[5357,]	0.000000e+00	0.000000e+00	0	0
##	[5358,]	0.000000e+00	0.000000e+00	0	0
##	[5359,]	0.000000e+00	0.000000e+00	0	0
##	[5360,]	0.000000e+00	0.000000e+00	0	0
##	[5361,]	1.102500e+04	2.849344e+06	49	1
##	[5362,]	0.000000e+00	1.000000e+00	0	0
##	[5363,]	0.000000e+00	0.000000e+00	0	0
##	[5364,]	0.000000e+00	0.000000e+00	0	0
##	[5365,]	0.000000e+00	0.000000e+00	0	0
##	[5366,]	0.000000e+00	0.000000e+00	0	0
##	[5367,]	0.000000e+00	0.000000e+00	0	0
##	[5368,]	1.000000e+02	9.000000e+00	0	0
##	[5369,]	9.000000e+00	3.025000e+03	0	0
##	[5370,]	4.605316e+06	4.029655e+08	676	1
##	[5371,]	0.000000e+00	0.000000e+00	0	0
##	[5372,]	0.000000e+00	1.000000e+00	0	0
##	[5373,]	0.000000e+00	0.000000e+00	0	0
##	[5374,]	0.000000e+00	0.000000e+00	0	0
##	[5375,]	0.000000e+00	0.000000e+00	0	0
##	[5376,]	3.600000e+01	1.440000e+02	0	0
##	[5377,]	1.552516e+06	8.415801e+08	1296	0
##	[5378,]	3.481000e+03	8.667136e+06	4	0
##	[5379,]	1.000000e+00	9.610000e+02	1	0
##	[5380,]	0.000000e+00	0.000000e+00	0	0
##	[5381,]	0.000000e+00	0.000000e+00	0	0
##	[5382,]	0.000000e+00	0.000000e+00	0	0
##	[5383,]	0.000000e+00	0.000000e+00	0	0
##	[5384,]	0.000000e+00	0.000000e+00	0	0
##	[5385,]	0.000000e+00	0.000000e+00	0	0
##	[5386,]	2.916000e+03	2.569609e+06	0	0
##	[5387,]	9.000000e+00	1.600000e+01	0	0
##	[5388,]	0.000000e+00	6.250000e+02	1	0
##	[5389,]	1.010025e+06	1.045940e+09	529	0
##	[5390,]	0.000000e+00	2.500000e+01	0	0
##	[5391,]	0.000000e+00	0.000000e+00	0	0
##	[5392,]	0.000000e+00	0.000000e+00	0	0

##	[5393,]	9.409000e+03	4.000000e+00	0	0
##	[5394,]	0.000000e+00	0.000000e+00	0	0
##	[5395,]	3.798257e+07	1.587600e+04	0	0
##	[5396,]	0.000000e+00	0.000000e+00	0	0
##	[5397,]	1.000000e+00	1.000000e+00	0	0
##	[5398,]	0.000000e+00	0.000000e+00	0	0
##	[5399,]	1.000000e+00	1.000000e+00	0	0
##	[5400,]	0.000000e+00	0.000000e+00	0	0
##	[5401,]	0.000000e+00	0.000000e+00	0	0
##	[5402,]	1.000000e+00	2.500000e+01	0	0
##	[5403,]	1.210000e+02	1.098304e+06	9	1
##	[5404,]	1.000000e+00	4.000000e+00	0	0
##	[5405,]	0.000000e+00	0.000000e+00	0	0
##	[5406,]	2.822400e+04	8.281000e+03	1	0
##	[5407,]	3.330625e+06	6.057505e+08	1936	4
##	[5408,]	0.000000e+00	0.000000e+00	0	0
##	[5409,]	0.000000e+00	0.000000e+00	0	0
##	[5410,]	1.256844e+09	8.537032e+10	82369	36
##	[5411,]	0.000000e+00	0.000000e+00	0	0
##	[5412,]	0.000000e+00	0.000000e+00	0	0
##	[5413,]	0.000000e+00	0.000000e+00	0	0
##	[5414,]	0.000000e+00	0.000000e+00	0	0
##	[5415,]	0.000000e+00	0.000000e+00	0	0
##	[5416,]	0.000000e+00	0.000000e+00	0	0
##	[5417,]	0.000000e+00	0.000000e+00	0	0
##	[5418,]	0.000000e+00	0.000000e+00	0	0
##	[5419,]	0.000000e+00	0.000000e+00	0	0
##	[5420,]	8.410000e+02	0.000000e+00	0	0
##	[5421,]	8.904256e+06	1.444000e+03	1	0
##	[5422,]	2.116000e+03	1.000000e+00	0	0
##	[5423,]	0.000000e+00	0.000000e+00	0	0
##	[5424,]	0.000000e+00	0.000000e+00	0	0
##	[5425,]	0.000000e+00	0.000000e+00	0	0
##	[5426,]	0.000000e+00	0.000000e+00	0	0
##	[5427,]	0.000000e+00	0.000000e+00	0	0
##	[5428,]	0.000000e+00	0.000000e+00	0	0
##	[5429,]	0.000000e+00	0.000000e+00	0	0
##	[5430,]	0.000000e+00	0.000000e+00	0	0
##	[5431,]	0.000000e+00	0.000000e+00	0	0
##	[5432,]	0.000000e+00	0.000000e+00	0	0
##	[5433,]	0.000000e+00	0.000000e+00	0	0
##	[5434,]	0.000000e+00	0.000000e+00	0	0
##	[5435,]	0.000000e+00	0.000000e+00	0	0
##	[5436,]	0.000000e+00	0.000000e+00	0	0
##	[5437,]	0.000000e+00	0.000000e+00	0	0
##	[5438,]	3.136000e+03	6.400000e+01	0	0
##	[5439,]	9.186961e+06	8.410000e+04	1	0
##	[5440,]	0.000000e+00	0.000000e+00	0	0
##	[5441,]	3.240000e+02	1.600000e+01	0	0
##	[5442,]	0.000000e+00	0.000000e+00	0	0
##	[5443,]	0.000000e+00	1.000000e+00	0	0
##	[5444,]	0.000000e+00	0.000000e+00	0	0
##	[5445,]	0.000000e+00	0.000000e+00	0	0
##	[5446,]	3.051458e+07	1.190063e+08	100	0

##	[5447,]	3.132900e+04	6.100900e+04	1	0
##	[5448,]	0.000000e+00	0.000000e+00	0	0
##	[5449,]	0.000000e+00	0.000000e+00	0	0
##	[5450,]	4.000000e+00	6.400000e+03	0	0
##	[5451,]	0.000000e+00	0.000000e+00	0	0
##	[5452,]	0.000000e+00	0.000000e+00	0	0
##	[5453,]	1.000000e+00	0.000000e+00	0	0
##	[5454,]	7.516890e+05	3.778561e+07	64	0
##	[5455,]	0.000000e+00	0.000000e+00	0	0
##	[5456,]	1.000000e+00	1.000000e+00	0	0
##	[5457,]	3.600000e+01	2.631690e+05	0	1
##	[5458,]	8.649000e+03	4.840000e+02	0	0
##	[5459,]	3.153466e+08	5.487846e+09	6400	4
##	[5460,]	0.000000e+00	0.000000e+00	0	0
##	[5461,]	0.000000e+00	0.000000e+00	0	0
##	[5462,]	1.000000e+00	6.553600e+04	9	0
##	[5463,]	0.000000e+00	0.000000e+00	0	0
##	[5464,]	0.000000e+00	0.000000e+00	0	0
##	[5465,]	1.225000e+03	2.250000e+02	0	0
##	[5466,]	3.333908e+07	2.597533e+09	3721	4
##	[5467,]	1.780840e+05	1.950106e+07	121	1
##	[5468,]	0.000000e+00	1.000000e+00	0	0
##	[5469,]	0.000000e+00	0.000000e+00	0	0
##	[5470,]	0.000000e+00	0.000000e+00	0	0
##	[5471,]	0.000000e+00	0.000000e+00	0	0
##	[5472,]	0.000000e+00	0.000000e+00	0	0
##	[5473,]	0.000000e+00	0.000000e+00	0	0
##	[5474,]	0.000000e+00	0.000000e+00	0	0
##	[5475,]	0.000000e+00	0.000000e+00	0	0
##	[5476,]	0.000000e+00	0.000000e+00	0	0
##	[5477,]	0.000000e+00	0.000000e+00	0	0
##	[5478,]	1.000000e+00	0.000000e+00	0	0
##	[5479,]	1.043290e+05	0.000000e+00	0	0
##	[5480,]	0.000000e+00	0.000000e+00	0	0
##	[5481,]	2.890000e+02	3.610000e+02	0	0
##	[5482,]	1.063412e+07	2.478845e+09	3025	4
##	[5483,]	0.000000e+00	0.000000e+00	0	0
##	[5484,]	0.000000e+00	1.000000e+00	0	0
##	[5485,]	3.610000e+04	1.798608e+07	36	0
##	[5486,]	0.000000e+00	0.000000e+00	0	0
##	[5487,]	0.000000e+00	0.000000e+00	0	0
##	[5488,]	1.000000e+00	1.537600e+04	0	0
##	[5489,]	0.000000e+00	0.000000e+00	0	0
##	[5490,]	0.000000e+00	0.000000e+00	0	0
##	[5491,]	0.000000e+00	0.000000e+00	0	0
##	[5492,]	0.000000e+00	1.000000e+00	0	0
##	[5493,]	0.000000e+00	0.000000e+00	0	0
##	[5494,]	3.400336e+06	3.583698e+09	2401	0
##	[5495,]	0.000000e+00	0.000000e+00	0	0
##	[5496,]	1.600000e+01	4.840000e+02	1	0
##	[5497,]	1.000000e+00	3.025000e+03	0	0
##	[5498,]	0.000000e+00	0.000000e+00	0	0
##	[5499,]	0.000000e+00	1.000000e+00	0	0
##	[5500,]	1.166400e+04	4.491680e+07	169	1

##	[5501,]	1.000000e+00	8.100000e+01	0	0
##	[5502,]	0.000000e+00	0.000000e+00	0	0
##	[5503,]	0.000000e+00	4.000000e+02	0	0
##	[5504,]	1.666681e+06	2.169231e+09	1024	0
##	[5505,]	0.000000e+00	1.000000e+00	0	0
##	[5506,]	0.000000e+00	0.000000e+00	0	0
##	[5507,]	3.721000e+03	8.173881e+06	25	0
##	[5508,]	0.000000e+00	0.000000e+00	0	0
##	[5509,]	0.000000e+00	0.000000e+00	0	0
##	[5510,]	0.000000e+00	0.000000e+00	0	0
##	[5511,]	1.000000e+00	0.000000e+00	0	0
##	[5512,]	0.000000e+00	0.000000e+00	0	0
##	[5513,]	0.000000e+00	0.000000e+00	0	0
##	[5514,]	4.053869e+07	1.075840e+05	4	0
##	[5515,]	0.000000e+00	0.000000e+00	0	0
##	[5516,]	0.000000e+00	0.000000e+00	0	0
##	[5517,]	0.000000e+00	0.000000e+00	0	0
##	[5518,]	1.040400e+04	8.100000e+01	0	0
##	[5519,]	0.000000e+00	0.000000e+00	0	0
##	[5520,]	0.000000e+00	0.000000e+00	0	0
##	[5521,]	0.000000e+00	0.000000e+00	0	0
##	[5522,]	0.000000e+00	0.000000e+00	0	0
##	[5523,]	2.106626e+09	2.314534e+11	173056	144
##	[5524,]	0.000000e+00	0.000000e+00	0	0
##	[5525,]	8.100000e+01	1.530169e+06	4	0
##	[5526,]	3.003289e+06	1.609053e+09	19600	9
##	[5527,]	1.000000e+00	6.400000e+01	0	0
##	[5528,]	0.000000e+00	1.000000e+00	0	0
##	[5529,]	0.000000e+00	0.000000e+00	0	0
##	[5530,]	7.056000e+03	1.020100e+04	9	0
##	[5531,]	0.000000e+00	0.000000e+00	0	0
##	[5532,]	0.000000e+00	0.000000e+00	0	0
##	[5533,]	0.000000e+00	0.000000e+00	0	0
##	[5534,]	1.960000e+02	1.000000e+00	0	0
##	[5535,]	0.000000e+00	0.000000e+00	0	0
##	[5536,]	0.000000e+00	0.000000e+00	0	0
##	[5537,]	0.000000e+00	0.000000e+00	0	0
##	[5538,]	0.000000e+00	0.000000e+00	0	0
##	[5539,]	0.000000e+00	0.000000e+00	0	0
##	[5540,]	0.000000e+00	0.000000e+00	0	0
##	[5541,]	0.000000e+00	0.000000e+00	0	0
##	[5542,]	0.000000e+00	0.000000e+00	0	0
##	[5543,]	0.000000e+00	0.000000e+00	0	0
##	[5544,]	0.000000e+00	0.000000e+00	0	0
##	[5545,]	0.000000e+00	0.000000e+00	0	0
##	[5546,]	1.134342e+07	1.638400e+04	0	0
##	[5547,]	0.000000e+00	0.000000e+00	0	0
##	[5548,]	8.410000e+02	4.000000e+00	0	0
##	[5549,]	0.000000e+00	0.000000e+00	0	0
##	[5550,]	0.000000e+00	0.000000e+00	0	0
##	[5551,]	0.000000e+00	0.000000e+00	0	0
##	[5552,]	0.000000e+00	0.000000e+00	0	0
##	[5553,]	0.000000e+00	0.000000e+00	0	0
##	[5554,]	0.000000e+00	0.000000e+00	0	0

##	[5555,]	0.000000e+00	0.000000e+00	0	0
##	[5556,]	2.209000e+03	1.210000e+02	0	0
##	[5557,]	1.248916e+07	7.867690e+05	1	0
##	[5558,]	0.000000e+00	4.000000e+00	0	0
##	[5559,]	0.000000e+00	0.000000e+00	0	0
##	[5560,]	0.000000e+00	0.000000e+00	0	0
##	[5561,]	2.560000e+02	1.600000e+01	0	0
##	[5562,]	0.000000e+00	0.000000e+00	0	0
##	[5563,]	0.000000e+00	0.000000e+00	0	0
##	[5564,]	9.000000e+00	7.921000e+03	1	0
##	[5565,]	0.000000e+00	0.000000e+00	0	0
##	[5566,]	4.618562e+07	3.240000e+08	361	0
##	[5567,]	0.000000e+00	1.000000e+00	0	0
##	[5568,]	0.000000e+00	0.000000e+00	0	0
##	[5569,]	1.392400e+04	1.017610e+05	1	0
##	[5570,]	0.000000e+00	0.000000e+00	0	0
##	[5571,]	0.000000e+00	0.000000e+00	0	0
##	[5572,]	1.521000e+03	4.840000e+02	0	0
##	[5573,]	9.000000e+00	3.398890e+05	0	0
##	[5574,]	0.000000e+00	1.000000e+00	0	0
##	[5575,]	0.000000e+00	0.000000e+00	0	0
##	[5576,]	0.000000e+00	0.000000e+00	0	0
##	[5577,]	0.000000e+00	0.000000e+00	0	0
##	[5578,]	5.782101e+08	1.584653e+10	12544	16
##	[5579,]	0.000000e+00	1.000000e+00	0	0
##	[5580,]	7.534240e+05	1.177659e+08	1225	0
##	[5581,]	0.000000e+00	0.000000e+00	0	0
##	[5582,]	1.000000e+00	0.000000e+00	0	0
##	[5583,]	5.873690e+07	8.809136e+09	4761	16
##	[5584,]	1.544490e+05	7.432164e+07	729	0
##	[5585,]	0.000000e+00	0.000000e+00	0	0
##	[5586,]	0.000000e+00	0.000000e+00	0	0
##	[5587,]	0.000000e+00	0.000000e+00	0	0
##	[5588,]	3.240000e+02	5.290000e+02	4	0
##	[5589,]	0.000000e+00	0.000000e+00	0	0
##	[5590,]	4.000000e+00	8.702500e+04	1	0
##	[5591,]	0.000000e+00	0.000000e+00	0	0
##	[5592,]	0.000000e+00	0.000000e+00	0	0
##	[5593,]	0.000000e+00	0.000000e+00	0	0
##	[5594,]	0.000000e+00	0.000000e+00	0	0
##	[5595,]	5.712100e+04	1.000000e+00	0	0
##	[5596,]	0.000000e+00	0.000000e+00	0	0
##	[5597,]	0.000000e+00	0.000000e+00	0	0
##	[5598,]	0.000000e+00	0.000000e+00	0	0
##	[5599,]	1.000000e+00	0.000000e+00	0	0
##	[5600,]	0.000000e+00	0.000000e+00	0	0
##	[5601,]	1.393529e+07	1.004685e+10	7225	1
##	[5602,]	0.000000e+00	0.000000e+00	0	0
##	[5603,]	1.000000e+00	3.027600e+04	0	0
##	[5604,]	4.900000e+01	5.760000e+02	1	0
##	[5605,]	0.000000e+00	0.000000e+00	0	0
##	[5606,]	0.000000e+00	4.000000e+00	0	0
##	[5607,]	0.000000e+00	0.000000e+00	0	0
##	[5608,]	0.000000e+00	0.000000e+00	0	0

##	[5609,]	0.000000e+00	0.000000e+00	0	0
##	[5610,]	2.992900e+04	6.478640e+07	1369	4
##	[5611,]	0.000000e+00	4.900000e+03	0	0
##	[5612,]	0.000000e+00	0.000000e+00	0	0
##	[5613,]	0.000000e+00	0.000000e+00	0	0
##	[5614,]	0.000000e+00	0.000000e+00	0	0
##	[5615,]	0.000000e+00	9.000000e+00	0	0
##	[5616,]	0.000000e+00	0.000000e+00	0	0
##	[5617,]	4.835601e+06	8.760773e+09	7744	9
##	[5618,]	9.000000e+00	5.290000e+02	0	0
##	[5619,]	1.690000e+04	9.106885e+07	1089	1
##	[5620,]	0.000000e+00	0.000000e+00	0	0
##	[5621,]	0.000000e+00	0.000000e+00	0	0
##	[5622,]	2.131600e+06	2.452528e+09	1849	0
##	[5623,]	0.000000e+00	0.000000e+00	0	0
##	[5624,]	0.000000e+00	0.000000e+00	0	0
##	[5625,]	0.000000e+00	6.760000e+02	0	0
##	[5626,]	0.000000e+00	0.000000e+00	0	0
##	[5627,]	0.000000e+00	0.000000e+00	0	0
##	[5628,]	0.000000e+00	1.000000e+00	0	0
##	[5629,]	1.000000e+00	2.500000e+01	0	0
##	[5630,]	2.601000e+03	7.447441e+06	49	0
##	[5631,]	0.000000e+00	0.000000e+00	0	0
##	[5632,]	0.000000e+00	4.000000e+00	0	0
##	[5633,]	0.000000e+00	0.000000e+00	0	0
##	[5634,]	0.000000e+00	0.000000e+00	0	0
##	[5635,]	5.119402e+07	1.034289e+06	1	0
##	[5636,]	0.000000e+00	0.000000e+00	0	0
##	[5637,]	0.000000e+00	0.000000e+00	0	0
##	[5638,]	0.000000e+00	0.000000e+00	0	0
##	[5639,]	0.000000e+00	0.000000e+00	0	0
##	[5640,]	5.929000e+03	1.690000e+02	0	0
##	[5641,]	4.800481e+06	4.114324e+09	7225	25
##	[5642,]	0.000000e+00	1.000000e+00	0	0
##	[5643,]	5.476000e+03	1.904400e+04	0	0
##	[5644,]	0.000000e+00	0.000000e+00	0	0
##	[5645,]	0.000000e+00	0.000000e+00	0	0
##	[5646,]	0.000000e+00	0.000000e+00	0	0
##	[5647,]	1.440000e+02	1.129969e+06	25	4
##	[5648,]	2.977557e+09	3.265882e+11	234256	196
##	[5649,]	9.000000e+00	6.400000e+01	0	0
##	[5650,]	1.000000e+00	4.000000e+00	0	0
##	[5651,]	0.000000e+00	0.000000e+00	0	0
##	[5652,]	0.000000e+00	0.000000e+00	0	0
##	[5653,]	3.610000e+02	0.000000e+00	0	0
##	[5654,]	0.000000e+00	0.000000e+00	0	0
##	[5655,]	0.000000e+00	0.000000e+00	0	0
##	[5656,]	0.000000e+00	0.000000e+00	0	0
##	[5657,]	0.000000e+00	0.000000e+00	0	0
##	[5658,]	0.000000e+00	0.000000e+00	0	0
##	[5659,]	0.000000e+00	0.000000e+00	0	0
##	[5660,]	0.000000e+00	0.000000e+00	0	0
##	[5661,]	0.000000e+00	0.000000e+00	0	0
##	[5662,]	0.000000e+00	0.000000e+00	0	0

##	[5663,]	0.000000e+00	0.000000e+00	0	0
##	[5664,]	0.000000e+00	0.000000e+00	0	0
##	[5665,]	4.410000e+02	1.000000e+00	0	0
##	[5666,]	1.452372e+07	7.507600e+04	0	0
##	[5667,]	1.000000e+00	0.000000e+00	0	0
##	[5668,]	0.000000e+00	0.000000e+00	0	0
##	[5669,]	0.000000e+00	0.000000e+00	0	0
##	[5670,]	0.000000e+00	0.000000e+00	0	0
##	[5671,]	0.000000e+00	0.000000e+00	0	0
##	[5672,]	0.000000e+00	0.000000e+00	0	0
##	[5673,]	0.000000e+00	0.000000e+00	0	0
##	[5674,]	4.000000e+00	0.000000e+00	0	0
##	[5675,]	0.000000e+00	0.000000e+00	0	0
##	[5676,]	9.610000e+02	1.960000e+02	0	0
##	[5677,]	0.000000e+00	0.000000e+00	0	0
##	[5678,]	0.000000e+00	0.000000e+00	0	0
##	[5679,]	1.599200e+07	3.740356e+06	1	0
##	[5680,]	0.000000e+00	1.000000e+00	0	0
##	[5681,]	0.000000e+00	0.000000e+00	0	0
##	[5682,]	4.000000e+00	8.281000e+03	1	0
##	[5683,]	6.601562e+07	7.770156e+08	400	0
##	[5684,]	1.392400e+04	1.738890e+05	1	0
##	[5685,]	0.000000e+00	0.000000e+00	0	0
##	[5686,]	0.000000e+00	0.000000e+00	0	0
##	[5687,]	0.000000e+00	0.000000e+00	0	0
##	[5688,]	0.000000e+00	0.000000e+00	0	0
##	[5689,]	4.900000e+01	3.600000e+01	0	0
##	[5690,]	0.000000e+00	0.000000e+00	0	0
##	[5691,]	8.852410e+08	2.898540e+10	26569	16
##	[5692,]	1.190281e+06	3.814600e+08	1089	1
##	[5693,]	3.600000e+01	2.631690e+05	4	4
##	[5694,]	0.000000e+00	0.000000e+00	0	0
##	[5695,]	0.000000e+00	0.000000e+00	0	0
##	[5696,]	4.000000e+00	1.000000e+00	0	0
##	[5697,]	0.000000e+00	0.000000e+00	0	0
##	[5698,]	0.000000e+00	1.000000e+00	0	0
##	[5699,]	1.000000e+00	0.000000e+00	0	0
##	[5700,]	1.521000e+03	1.849000e+03	0	0
##	[5701,]	8.600708e+07	1.493333e+10	9801	4
##	[5702,]	4.000000e+00	6.502500e+04	0	0
##	[5703,]	0.000000e+00	0.000000e+00	0	0
##	[5704,]	0.000000e+00	0.000000e+00	0	0
##	[5705,]	0.000000e+00	0.000000e+00	0	0
##	[5706,]	0.000000e+00	0.000000e+00	0	0
##	[5707,]	1.000000e+00	1.000000e+00	0	0
##	[5708,]	2.798410e+05	2.972176e+08	144	1
##	[5709,]	0.000000e+00	0.000000e+00	0	0
##	[5710,]	2.250000e+02	1.225000e+03	0	0
##	[5711,]	0.000000e+00	0.000000e+00	0	0
##	[5712,]	0.000000e+00	0.000000e+00	0	0
##	[5713,]	2.034010e+05	0.000000e+00	0	0
##	[5714,]	0.000000e+00	0.000000e+00	0	0
##	[5715,]	0.000000e+00	0.000000e+00	0	0
##	[5716,]	0.000000e+00	0.000000e+00	0	0

##	[5717,]	0.000000e+00	0.000000e+00	0	0
##	[5718,]	0.000000e+00	0.000000e+00	0	0
##	[5719,]	0.000000e+00	0.000000e+00	0	0
##	[5720,]	0.000000e+00	0.000000e+00	0	0
##	[5721,]	0.000000e+00	0.000000e+00	0	0
##	[5722,]	1.000000e+02	4.000000e+02	0	0
##	[5723,]	1.624896e+07	1.482306e+10	6400	25
##	[5724,]	0.000000e+00	0.000000e+00	0	0
##	[5725,]	0.000000e+00	0.000000e+00	0	0
##	[5726,]	0.000000e+00	0.000000e+00	0	0
##	[5727,]	6.200100e+04	1.929321e+08	324	4
##	[5728,]	0.000000e+00	1.000000e+00	0	0
##	[5729,]	1.000000e+00	1.664100e+04	1	0
##	[5730,]	0.000000e+00	4.000000e+00	0	0
##	[5731,]	1.664100e+04	9.248669e+07	100	1
##	[5732,]	0.000000e+00	0.000000e+00	0	0
##	[5733,]	0.000000e+00	0.000000e+00	0	0
##	[5734,]	1.000000e+00	2.601000e+03	1	0
##	[5735,]	0.000000e+00	1.000000e+00	0	0
##	[5736,]	0.000000e+00	0.000000e+00	0	0
##	[5737,]	0.000000e+00	0.000000e+00	0	0
##	[5738,]	0.000000e+00	9.000000e+00	0	0
##	[5739,]	9.000000e+00	5.760000e+02	0	0
##	[5740,]	4.149369e+06	7.840748e+09	7744	9
##	[5741,]	0.000000e+00	1.000000e+02	0	0
##	[5742,]	0.000000e+00	0.000000e+00	0	0
##	[5743,]	5.625000e+03	1.188870e+07	121	0
##	[5744,]	0.000000e+00	0.000000e+00	0	0
##	[5745,]	0.000000e+00	0.000000e+00	0	0
##	[5746,]	0.000000e+00	0.000000e+00	0	0
##	[5747,]	0.000000e+00	5.760000e+02	0	0
##	[5748,]	0.000000e+00	0.000000e+00	0	0
##	[5749,]	1.814409e+06	1.668968e+09	1156	0
##	[5750,]	0.000000e+00	1.000000e+00	0	0
##	[5751,]	6.855840e+07	4.875264e+06	1	0
##	[5752,]	2.704000e+03	2.250000e+02	0	0
##	[5753,]	0.000000e+00	0.000000e+00	0	0
##	[5754,]	0.000000e+00	0.000000e+00	0	0
##	[5755,]	0.000000e+00	0.000000e+00	0	0
##	[5756,]	0.000000e+00	0.000000e+00	0	0
##	[5757,]	9.000000e+00	0.000000e+00	0	0
##	[5758,]	0.000000e+00	1.000000e+00	0	0
##	[5759,]	0.000000e+00	0.000000e+00	0	0
##	[5760,]	0.000000e+00	0.000000e+00	0	0
##	[5761,]	7.557001e+06	4.897340e+09	13225	100
##	[5762,]	4.900000e+01	7.673760e+05	9	0
##	[5763,]	9.000000e+00	1.210000e+02	0	0
##	[5764,]	5.815435e+09	2.717547e+11	286225	121
##	[5765,]	0.000000e+00	0.000000e+00	0	0
##	[5766,]	0.000000e+00	0.000000e+00	0	0
##	[5767,]	0.000000e+00	1.000000e+00	0	0
##	[5768,]	1.000000e+00	1.000000e+00	0	0
##	[5769,]	4.761000e+03	6.561000e+03	1	0
##	[5770,]	0.000000e+00	0.000000e+00	0	0

##	[5771,]	0.000000e+00	0.000000e+00	0	0
##	[5772,]	0.000000e+00	0.000000e+00	0	0
##	[5773,]	0.000000e+00	0.000000e+00	0	0
##	[5774,]	1.764000e+03	0.000000e+00	0	0
##	[5775,]	0.000000e+00	0.000000e+00	0	0
##	[5776,]	0.000000e+00	0.000000e+00	0	0
##	[5777,]	0.000000e+00	0.000000e+00	0	0
##	[5778,]	0.000000e+00	0.000000e+00	0	0
##	[5779,]	0.000000e+00	0.000000e+00	0	0
##	[5780,]	0.000000e+00	0.000000e+00	0	0
##	[5781,]	1.089000e+03	4.000000e+00	0	0
##	[5782,]	0.000000e+00	0.000000e+00	0	0
##	[5783,]	0.000000e+00	0.000000e+00	0	0
##	[5784,]	0.000000e+00	0.000000e+00	0	0
##	[5785,]	0.000000e+00	0.000000e+00	0	0
##	[5786,]	3.892512e+07	2.520040e+05	1	0
##	[5787,]	0.000000e+00	0.000000e+00	0	0
##	[5788,]	0.000000e+00	0.000000e+00	0	0
##	[5789,]	0.000000e+00	0.000000e+00	0	0
##	[5790,]	0.000000e+00	0.000000e+00	0	0
##	[5791,]	0.000000e+00	0.000000e+00	0	0
##	[5792,]	0.000000e+00	0.000000e+00	0	0
##	[5793,]	0.000000e+00	0.000000e+00	0	0
##	[5794,]	0.000000e+00	1.000000e+00	0	0
##	[5795,]	2.304000e+03	9.000000e+02	0	0
##	[5796,]	0.000000e+00	0.000000e+00	0	0
##	[5797,]	0.000000e+00	0.000000e+00	0	0
##	[5798,]	1.000000e+00	0.000000e+00	0	0
##	[5799,]	4.565705e+07	7.177041e+06	25	0
##	[5800,]	0.000000e+00	0.000000e+00	0	0
##	[5801,]	0.000000e+00	0.000000e+00	0	0
##	[5802,]	0.000000e+00	0.000000e+00	0	0
##	[5803,]	0.000000e+00	0.000000e+00	0	0
##	[5804,]	0.000000e+00	6.561000e+03	0	0
##	[5805,]	0.000000e+00	0.000000e+00	0	0
##	[5806,]	1.422056e+08	9.339747e+08	841	1
##	[5807,]	1.440000e+02	1.600000e+01	0	0
##	[5808,]	0.000000e+00	0.000000e+00	0	0
##	[5809,]	0.000000e+00	0.000000e+00	0	0
##	[5810,]	2.890000e+04	2.440360e+05	0	0
##	[5811,]	0.000000e+00	0.000000e+00	0	0
##	[5812,]	2.500000e+01	1.806250e+05	0	0
##	[5813,]	2.131600e+06	5.346269e+08	841	16
##	[5814,]	0.000000e+00	1.000000e+00	0	0
##	[5815,]	0.000000e+00	0.000000e+00	0	0
##	[5816,]	1.089000e+03	6.760000e+02	0	0
##	[5817,]	0.000000e+00	0.000000e+00	0	0
##	[5818,]	0.000000e+00	0.000000e+00	0	0
##	[5819,]	1.738473e+09	2.850728e+10	32761	16
##	[5820,]	0.000000e+00	2.500000e+01	0	0
##	[5821,]	0.000000e+00	0.000000e+00	0	0
##	[5822,]	1.571012e+08	1.255565e+10	13456	4
##	[5823,]	0.000000e+00	0.000000e+00	0	0
##	[5824,]	0.000000e+00	0.000000e+00	0	0

##	[5825,]	2.560000e+02	1.440000e+02	0	0
##	[5826,]	4.624000e+05	4.148554e+08	576	9
##	[5827,]	1.000000e+00	4.080400e+04	1	0
##	[5828,]	0.000000e+00	0.000000e+00	0	0
##	[5829,]	0.000000e+00	0.000000e+00	0	0
##	[5830,]	0.000000e+00	0.000000e+00	0	0
##	[5831,]	0.000000e+00	0.000000e+00	0	0
##	[5832,]	0.000000e+00	0.000000e+00	0	0
##	[5833,]	9.000000e+00	0.000000e+00	0	0
##	[5834,]	0.000000e+00	0.000000e+00	0	0
##	[5835,]	0.000000e+00	0.000000e+00	0	0
##	[5836,]	0.000000e+00	0.000000e+00	0	0
##	[5837,]	0.000000e+00	0.000000e+00	0	0
##	[5838,]	0.000000e+00	0.000000e+00	0	0
##	[5839,]	0.000000e+00	0.000000e+00	0	0
##	[5840,]	9.721960e+05	1.600000e+01	0	0
##	[5841,]	0.000000e+00	0.000000e+00	0	0
##	[5842,]	9.000000e+00	4.000000e+00	0	0
##	[5843,]	0.000000e+00	0.000000e+00	0	0
##	[5844,]	4.884100e+04	2.218312e+08	961	1
##	[5845,]	4.900000e+01	5.290000e+02	0	0
##	[5846,]	3.347780e+07	1.192224e+10	9216	9
##	[5847,]	0.000000e+00	0.000000e+00	0	0
##	[5848,]	0.000000e+00	0.000000e+00	0	0
##	[5849,]	0.000000e+00	0.000000e+00	0	0
##	[5850,]	0.000000e+00	9.216000e+03	1	0
##	[5851,]	1.000000e+00	0.000000e+00	0	0
##	[5852,]	1.000000e+00	3.364000e+03	1	0
##	[5853,]	2.310400e+04	6.817805e+07	289	4
##	[5854,]	0.000000e+00	9.000000e+00	0	0
##	[5855,]	0.000000e+00	0.000000e+00	0	0
##	[5856,]	0.000000e+00	1.440000e+02	1	0
##	[5857,]	0.000000e+00	0.000000e+00	0	0
##	[5858,]	0.000000e+00	0.000000e+00	0	0
##	[5859,]	7.485696e+06	5.252481e+09	4225	1
##	[5860,]	0.000000e+00	0.000000e+00	0	0
##	[5861,]	0.000000e+00	0.000000e+00	0	0
##	[5862,]	0.000000e+00	0.000000e+00	0	0
##	[5863,]	0.000000e+00	1.960000e+02	0	0
##	[5864,]	0.000000e+00	1.000000e+00	0	0
##	[5865,]	2.505889e+06	7.943379e+08	2304	0
##	[5866,]	1.000000e+00	1.600000e+01	0	0
##	[5867,]	4.356000e+03	8.099716e+06	196	0
##	[5868,]	0.000000e+00	0.000000e+00	0	0
##	[5869,]	0.000000e+00	0.000000e+00	0	0
##	[5870,]	0.000000e+00	1.000000e+00	0	0
##	[5871,]	0.000000e+00	0.000000e+00	0	0
##	[5872,]	0.000000e+00	0.000000e+00	0	0
##	[5873,]	0.000000e+00	0.000000e+00	0	0
##	[5874,]	0.000000e+00	0.000000e+00	0	0
##	[5875,]	0.000000e+00	1.000000e+00	0	0
##	[5876,]	0.000000e+00	0.000000e+00	0	0
##	[5877,]	7.056000e+03	1.024000e+03	0	0
##	[5878,]	1.966726e+08	1.014422e+07	36	0

##	[5879,]	1.000000e+00	0.000000e+00	0	0
##	[5880,]	0.000000e+00	0.000000e+00	0	0
##	[5881,]	0.000000e+00	0.000000e+00	0	0
##	[5882,]	1.210000e+02	9.006010e+05	0	0
##	[5883,]	0.000000e+00	6.400000e+01	0	0
##	[5884,]	0.000000e+00	9.000000e+00	0	0
##	[5885,]	1.046522e+07	4.298114e+09	16384	49
##	[5886,]	1.089000e+03	1.444000e+03	4	0
##	[5887,]	0.000000e+00	0.000000e+00	0	0
##	[5888,]	0.000000e+00	0.000000e+00	0	0
##	[5889,]	6.201248e+09	1.919553e+11	208849	81
##	[5890,]	0.000000e+00	1.000000e+00	0	0
##	[5891,]	0.000000e+00	0.000000e+00	0	0
##	[5892,]	0.000000e+00	0.000000e+00	0	0
##	[5893,]	0.000000e+00	0.000000e+00	0	0
##	[5894,]	0.000000e+00	0.000000e+00	0	0
##	[5895,]	0.000000e+00	0.000000e+00	0	0
##	[5896,]	0.000000e+00	0.000000e+00	0	0
##	[5897,]	0.000000e+00	0.000000e+00	0	0
##	[5898,]	0.000000e+00	0.000000e+00	0	0
##	[5899,]	0.000000e+00	0.000000e+00	0	0
##	[5900,]	4.900000e+03	0.000000e+00	0	0
##	[5901,]	4.000000e+00	0.000000e+00	0	0
##	[5902,]	0.000000e+00	0.000000e+00	0	0
##	[5903,]	0.000000e+00	0.000000e+00	0	0
##	[5904,]	0.000000e+00	0.000000e+00	0	0
##	[5905,]	1.936000e+03	4.000000e+00	0	0
##	[5906,]	0.000000e+00	0.000000e+00	0	0
##	[5907,]	0.000000e+00	0.000000e+00	0	0
##	[5908,]	0.000000e+00	0.000000e+00	0	0
##	[5909,]	7.672008e+07	4.342810e+05	4	0
##	[5910,]	0.000000e+00	0.000000e+00	0	0
##	[5911,]	0.000000e+00	0.000000e+00	0	0
##	[5912,]	0.000000e+00	0.000000e+00	0	0
##	[5913,]	0.000000e+00	1.600000e+01	0	0
##	[5914,]	0.000000e+00	0.000000e+00	0	0
##	[5915,]	0.000000e+00	0.000000e+00	0	0
##	[5916,]	1.000000e+00	0.000000e+00	0	0
##	[5917,]	0.000000e+00	0.000000e+00	0	0
##	[5918,]	4.225000e+03	2.560000e+02	0	0
##	[5919,]	0.000000e+00	0.000000e+00	0	0
##	[5920,]	5.864496e+07	1.047817e+07	36	0
##	[5921,]	0.000000e+00	0.000000e+00	0	0
##	[5922,]	1.600000e+01	4.000000e+00	0	0
##	[5923,]	0.000000e+00	0.000000e+00	0	0
##	[5924,]	0.000000e+00	0.000000e+00	0	0
##	[5925,]	0.000000e+00	0.000000e+00	0	0
##	[5926,]	2.624400e+04	1.616040e+05	9	0
##	[5927,]	1.000000e+00	6.400000e+03	0	0
##	[5928,]	0.000000e+00	0.000000e+00	0	0
##	[5929,]	0.000000e+00	0.000000e+00	0	0
##	[5930,]	1.609346e+08	1.078006e+09	1296	1
##	[5931,]	4.410000e+02	1.690000e+02	0	0
##	[5932,]	0.000000e+00	0.000000e+00	0	0

##	[5933,]	0.000000e+00	0.000000e+00	0	0
##	[5934,]	4.900000e+01	2.361960e+05	0	0
##	[5935,]	0.000000e+00	9.000000e+00	0	0
##	[5936,]	2.975625e+06	5.529552e+08	1764	16
##	[5937,]	1.848226e+09	2.633447e+10	27889	25
##	[5938,]	0.000000e+00	0.000000e+00	0	0
##	[5939,]	0.000000e+00	4.000000e+00	0	0
##	[5940,]	0.000000e+00	0.000000e+00	0	0
##	[5941,]	0.000000e+00	0.000000e+00	0	0
##	[5942,]	1.493284e+08	8.893622e+09	5929	0
##	[5943,]	0.000000e+00	0.000000e+00	0	0
##	[5944,]	4.000000e+00	8.100000e+01	1	0
##	[5945,]	0.000000e+00	1.000000e+00	0	0
##	[5946,]	0.000000e+00	4.000000e+00	0	0
##	[5947,]	9.000000e+00	4.622500e+04	0	0
##	[5948,]	5.867560e+05	4.043719e+08	841	0
##	[5949,]	0.000000e+00	0.000000e+00	0	0
##	[5950,]	0.000000e+00	0.000000e+00	0	0
##	[5951,]	0.000000e+00	0.000000e+00	0	0
##	[5952,]	0.000000e+00	0.000000e+00	0	0
##	[5953,]	0.000000e+00	0.000000e+00	0	0
##	[5954,]	1.000000e+00	0.000000e+00	0	0
##	[5955,]	0.000000e+00	0.000000e+00	0	0
##	[5956,]	0.000000e+00	0.000000e+00	0	0
##	[5957,]	0.000000e+00	0.000000e+00	0	0
##	[5958,]	8.340544e+06	4.900000e+01	0	0
##	[5959,]	0.000000e+00	0.000000e+00	0	0
##	[5960,]	0.000000e+00	0.000000e+00	0	0
##	[5961,]	9.000000e+00	8.100000e+01	0	0
##	[5962,]	0.000000e+00	0.000000e+00	0	0
##	[5963,]	0.000000e+00	4.000000e+00	0	0
##	[5964,]	1.142440e+05	1.608839e+08	729	4
##	[5965,]	0.000000e+00	0.000000e+00	0	0
##	[5966,]	0.000000e+00	0.000000e+00	0	0
##	[5967,]	0.000000e+00	0.000000e+00	0	0
##	[5968,]	4.003093e+07	7.438545e+09	5929	4
##	[5969,]	0.000000e+00	0.000000e+00	0	0
##	[5970,]	0.000000e+00	1.322500e+04	0	0
##	[5971,]	0.000000e+00	0.000000e+00	0	0
##	[5972,]	0.000000e+00	0.000000e+00	0	0
##	[5973,]	0.000000e+00	0.000000e+00	0	0
##	[5974,]	0.000000e+00	1.000000e+00	0	0
##	[5975,]	2.822400e+04	4.603622e+07	484	0
##	[5976,]	0.000000e+00	1.000000e+00	0	0
##	[5977,]	8.116801e+06	2.175383e+09	3969	0
##	[5978,]	9.000000e+00	9.000000e+00	0	0
##	[5979,]	0.000000e+00	0.000000e+00	0	0
##	[5980,]	0.000000e+00	1.600000e+03	0	0
##	[5981,]	0.000000e+00	1.690000e+02	0	0
##	[5982,]	0.000000e+00	0.000000e+00	0	0
##	[5983,]	0.000000e+00	0.000000e+00	0	0
##	[5984,]	5.776000e+03	4.264225e+06	25	1
##	[5985,]	0.000000e+00	0.000000e+00	0	0
##	[5986,]	0.000000e+00	4.000000e+00	1	0

##	[5987,]	0.000000e+00	0.000000e+00	0	0
##	[5988,]	0.000000e+00	0.000000e+00	0	0
##	[5989,]	0.000000e+00	0.000000e+00	0	0
##	[5990,]	2.805625e+06	2.503040e+08	1369	1
##	[5991,]	0.000000e+00	0.000000e+00	0	0
##	[5992,]	9.000000e+00	0.000000e+00	0	0
##	[5993,]	0.000000e+00	0.000000e+00	0	0
##	[5994,]	1.210000e+04	3.240000e+02	0	0
##	[5995,]	0.000000e+00	1.600000e+01	0	0
##	[5996,]	0.000000e+00	0.000000e+00	0	0
##	[5997,]	0.000000e+00	0.000000e+00	0	0
##	[5998,]	0.000000e+00	0.000000e+00	0	0
##	[5999,]	0.000000e+00	0.000000e+00	0	0
##	[6000,]	3.753906e+08	1.523341e+07	64	0
##	[6001,]	5.041284e+09	1.938253e+11	477481	441
##	[6002,]	0.000000e+00	0.000000e+00	0	0
##	[6003,]	1.000000e+00	0.000000e+00	0	0
##	[6004,]	0.000000e+00	0.000000e+00	0	0
##	[6005,]	0.000000e+00	1.600000e+01	0	0
##	[6006,]	2.560000e+02	9.000000e+02	1	0
##	[6007,]	0.000000e+00	0.000000e+00	0	0
##	[6008,]	1.215220e+07	2.951858e+09	19881	49
##	[6009,]	4.096000e+03	1.623076e+06	9	0
##	[6010,]	0.000000e+00	1.600000e+01	0	0
##	[6011,]	0.000000e+00	0.000000e+00	0	0
##	[6012,]	0.000000e+00	0.000000e+00	0	0
##	[6013,]	0.000000e+00	0.000000e+00	0	0
##	[6014,]	0.000000e+00	0.000000e+00	0	0
##	[6015,]	0.000000e+00	0.000000e+00	0	0
##	[6016,]	2.402500e+04	1.000000e+00	0	0
##	[6017,]	0.000000e+00	0.000000e+00	0	0
##	[6018,]	0.000000e+00	0.000000e+00	0	0
##	[6019,]	0.000000e+00	0.000000e+00	0	0
##	[6020,]	0.000000e+00	0.000000e+00	0	0
##	[6021,]	0.000000e+00	0.000000e+00	0	0
##	[6022,]	0.000000e+00	0.000000e+00	0	0
##	[6023,]	0.000000e+00	0.000000e+00	0	0
##	[6024,]	1.971497e+08	5.239521e+06	4	0
##	[6025,]	0.000000e+00	0.000000e+00	0	0
##	[6026,]	0.000000e+00	0.000000e+00	0	0
##	[6027,]	0.000000e+00	1.000000e+00	0	0
##	[6028,]	0.000000e+00	0.000000e+00	0	0
##	[6029,]	1.600000e+03	2.500000e+01	0	0
##	[6030,]	0.000000e+00	0.000000e+00	0	0
##	[6031,]	3.608405e+07	4.302048e+07	196	0
##	[6032,]	1.000000e+00	4.000000e+00	0	0
##	[6033,]	0.000000e+00	0.000000e+00	0	0
##	[6034,]	1.849000e+03	2.890000e+02	1	0
##	[6035,]	1.000000e+00	0.000000e+00	0	0
##	[6036,]	0.000000e+00	0.000000e+00	0	0
##	[6037,]	0.000000e+00	0.000000e+00	0	0
##	[6038,]	0.000000e+00	1.000000e+00	0	0
##	[6039,]	0.000000e+00	0.000000e+00	0	0
##	[6040,]	0.000000e+00	0.000000e+00	0	0

##	[6041,]	0.000000e+00	0.000000e+00	0	0
##	[6042,]	0.000000e+00	0.000000e+00	0	0
##	[6043,]	0.000000e+00	0.000000e+00	0	0
##	[6044,]	0.000000e+00	0.000000e+00	0	0
##	[6045,]	0.000000e+00	0.000000e+00	0	0
##	[6046,]	4.000000e+00	4.000000e+00	0	0
##	[6047,]	0.000000e+00	0.000000e+00	0	0
##	[6048,]	2.500000e+01	1.368900e+04	0	0
##	[6049,]	1.077444e+08	1.518661e+09	3025	0
##	[6050,]	2.044900e+04	1.730560e+05	1	0
##	[6051,]	0.000000e+00	9.000000e+00	0	0
##	[6052,]	5.760000e+02	4.121640e+05	4	0
##	[6053,]	0.000000e+00	0.000000e+00	0	0
##	[6054,]	0.000000e+00	0.000000e+00	0	0
##	[6055,]	1.307039e+09	2.997192e+10	70756	64
##	[6056,]	0.000000e+00	0.000000e+00	0	0
##	[6057,]	0.000000e+00	9.000000e+00	0	0
##	[6058,]	1.210000e+02	1.210000e+02	0	0
##	[6059,]	0.000000e+00	0.000000e+00	0	0
##	[6060,]	3.218436e+06	4.648767e+08	2401	4
##	[6061,]	0.000000e+00	0.000000e+00	0	0
##	[6062,]	0.000000e+00	0.000000e+00	0	0
##	[6063,]	0.000000e+00	0.000000e+00	0	0
##	[6064,]	0.000000e+00	0.000000e+00	0	0
##	[6065,]	4.000000e+00	3.600000e+01	0	0
##	[6066,]	4.410000e+02	9.302500e+04	1	0
##	[6067,]	0.000000e+00	0.000000e+00	0	0
##	[6068,]	1.236544e+08	9.214464e+09	14884	25
##	[6069,]	6.006250e+05	2.444220e+08	1024	9
##	[6070,]	0.000000e+00	0.000000e+00	0	0
##	[6071,]	1.444323e+08	4.000000e+02	0	0
##	[6072,]	0.000000e+00	0.000000e+00	0	0
##	[6073,]	0.000000e+00	0.000000e+00	0	0
##	[6074,]	0.000000e+00	0.000000e+00	0	0
##	[6075,]	8.100000e+01	0.000000e+00	0	0
##	[6076,]	0.000000e+00	0.000000e+00	0	0
##	[6077,]	0.000000e+00	0.000000e+00	0	0
##	[6078,]	0.000000e+00	0.000000e+00	0	0
##	[6079,]	0.000000e+00	0.000000e+00	0	0
##	[6080,]	0.000000e+00	0.000000e+00	0	0
##	[6081,]	0.000000e+00	0.000000e+00	0	0
##	[6082,]	4.900000e+01	1.849600e+04	0	0
##	[6083,]	0.000000e+00	0.000000e+00	0	0
##	[6084,]	0.000000e+00	1.000000e+00	0	0
##	[6085,]	0.000000e+00	0.000000e+00	0	0
##	[6086,]	0.000000e+00	0.000000e+00	0	0
##	[6087,]	0.000000e+00	0.000000e+00	0	0
##	[6088,]	4.944902e+07	6.221266e+09	16900	9
##	[6089,]	1.730560e+05	1.110916e+08	576	1
##	[6090,]	0.000000e+00	9.000000e+00	1	0
##	[6091,]	1.000000e+00	0.000000e+00	0	0
##	[6092,]	1.000000e+00	1.600000e+01	0	0
##	[6093,]	1.437168e+07	1.519674e+09	6084	9
##	[6094,]	0.000000e+00	0.000000e+00	0	0

##	[6095,]	0.000000e+00	0.000000e+00	0	0
##	[6096,]	0.000000e+00	0.000000e+00	0	0
##	[6097,]	0.000000e+00	1.000000e+00	0	0
##	[6098,]	5.244100e+04	2.194922e+07	676	1
##	[6099,]	9.000000e+00	3.249000e+03	0	0
##	[6100,]	0.000000e+00	0.000000e+00	0	0
##	[6101,]	6.380676e+06	2.048333e+08	1600	4
##	[6102,]	0.000000e+00	0.000000e+00	0	0
##	[6103,]	0.000000e+00	0.000000e+00	0	0
##	[6104,]	0.000000e+00	1.600000e+01	0	0
##	[6105,]	0.000000e+00	0.000000e+00	0	0
##	[6106,]	0.000000e+00	0.000000e+00	0	0
##	[6107,]	1.664100e+04	2.235025e+06	81	0
##	[6108,]	0.000000e+00	0.000000e+00	0	0
##	[6109,]	1.600000e+01	2.890000e+02	0	0
##	[6110,]	0.000000e+00	0.000000e+00	0	0
##	[6111,]	1.038193e+09	7.865916e+07	256	0
##	[6112,]	0.000000e+00	0.000000e+00	0	0
##	[6113,]	0.000000e+00	0.000000e+00	0	0
##	[6114,]	1.000000e+00	9.000000e+00	0	0
##	[6115,]	1.000000e+00	0.000000e+00	0	0
##	[6116,]	0.000000e+00	0.000000e+00	0	0
##	[6117,]	8.464000e+03	4.840000e+02	1	0
##	[6118,]	0.000000e+00	0.000000e+00	0	0
##	[6119,]	0.000000e+00	0.000000e+00	0	0
##	[6120,]	0.000000e+00	1.000000e+00	0	0
##	[6121,]	0.000000e+00	0.000000e+00	0	0
##	[6122,]	1.182603e+09	3.780069e+10	301401	529
##	[6123,]	0.000000e+00	3.600000e+01	1	0
##	[6124,]	0.000000e+00	0.000000e+00	0	0
##	[6125,]	3.207681e+06	5.062050e+08	13456	9
##	[6126,]	0.000000e+00	0.000000e+00	0	0
##	[6127,]	1.849000e+03	8.190250e+05	36	0
##	[6128,]	2.890000e+02	5.290000e+02	0	0
##	[6129,]	1.000000e+00	1.000000e+00	0	0
##	[6130,]	0.000000e+00	4.000000e+00	0	0
##	[6131,]	2.464900e+04	1.000000e+00	0	0
##	[6132,]	0.000000e+00	0.000000e+00	0	0
##	[6133,]	0.000000e+00	0.000000e+00	0	0
##	[6134,]	0.000000e+00	0.000000e+00	0	0
##	[6135,]	0.000000e+00	0.000000e+00	0	0
##	[6136,]	0.000000e+00	0.000000e+00	0	0
##	[6137,]	0.000000e+00	0.000000e+00	0	0
##	[6138,]	0.000000e+00	0.000000e+00	0	0
##	[6139,]	0.000000e+00	0.000000e+00	0	0
##	[6140,]	0.000000e+00	0.000000e+00	0	0
##	[6141,]	0.000000e+00	0.000000e+00	0	0
##	[6142,]	2.560000e+02	4.000000e+00	0	0
##	[6143,]	0.000000e+00	0.000000e+00	0	0
##	[6144,]	0.000000e+00	0.000000e+00	0	0
##	[6145,]	0.000000e+00	0.000000e+00	0	0
##	[6146,]	0.000000e+00	0.000000e+00	0	0
##	[6147,]	0.000000e+00	0.000000e+00	0	0
##	[6148,]	0.000000e+00	0.000000e+00	0	0

##	[6149,]	1.226335e+08	8.156736e+06	4	0
##	[6150,]	0.000000e+00	0.000000e+00	0	0
##	[6151,]	0.000000e+00	0.000000e+00	0	0
##	[6152,]	0.000000e+00	0.000000e+00	0	0
##	[6153,]	0.000000e+00	9.000000e+00	0	0
##	[6154,]	0.000000e+00	0.000000e+00	0	0
##	[6155,]	7.840000e+02	3.610000e+02	1	0
##	[6156,]	0.000000e+00	0.000000e+00	0	0
##	[6157,]	8.208225e+06	4.432896e+07	225	0
##	[6158,]	1.000000e+00	0.000000e+00	0	0
##	[6159,]	0.000000e+00	0.000000e+00	0	0
##	[6160,]	0.000000e+00	0.000000e+00	0	0
##	[6161,]	0.000000e+00	1.000000e+00	0	0
##	[6162,]	1.000000e+00	1.000000e+00	0	0
##	[6163,]	4.900000e+03	5.244100e+04	1	0
##	[6164,]	0.000000e+00	0.000000e+00	0	0
##	[6165,]	2.399040e+07	6.622388e+08	1156	0
##	[6166,]	1.600000e+01	1.188100e+04	0	0
##	[6167,]	0.000000e+00	0.000000e+00	0	0
##	[6168,]	0.000000e+00	0.000000e+00	0	0
##	[6169,]	0.000000e+00	1.000000e+00	0	0
##	[6170,]	0.000000e+00	0.000000e+00	0	0
##	[6171,]	4.000000e+02	2.371690e+05	9	0
##	[6172,]	6.225210e+05	9.735769e+07	1369	4
##	[6173,]	0.000000e+00	9.000000e+00	0	0
##	[6174,]	0.000000e+00	0.000000e+00	0	0
##	[6175,]	0.000000e+00	0.000000e+00	0	0
##	[6176,]	0.000000e+00	1.000000e+00	0	0
##	[6177,]	2.847319e+08	6.842102e+09	35344	25
##	[6178,]	0.000000e+00	0.000000e+00	0	0
##	[6179,]	1.000000e+02	1.210000e+02	0	0
##	[6180,]	1.000000e+00	0.000000e+00	0	0
##	[6181,]	0.000000e+00	0.000000e+00	0	0
##	[6182,]	0.000000e+00	0.000000e+00	0	0
##	[6183,]	0.000000e+00	4.000000e+00	0	0
##	[6184,]	0.000000e+00	1.000000e+00	0	0
##	[6185,]	0.000000e+00	0.000000e+00	0	0
##	[6186,]	4.000000e+00	9.000000e+00	0	0
##	[6187,]	0.000000e+00	0.000000e+00	0	0
##	[6188,]	2.724840e+07	1.545748e+09	10201	36
##	[6189,]	1.440000e+02	3.496900e+04	1	0
##	[6190,]	1.536640e+05	4.545456e+07	529	0
##	[6191,]	0.000000e+00	0.000000e+00	0	0
##	[6192,]	0.000000e+00	0.000000e+00	0	0
##	[6193,]	0.000000e+00	0.000000e+00	0	0
##	[6194,]	0.000000e+00	0.000000e+00	0	0
##	[6195,]	0.000000e+00	0.000000e+00	0	0
##	[6196,]	0.000000e+00	0.000000e+00	0	0
##	[6197,]	1.337261e+08	3.610000e+02	1	0
##	[6198,]	0.000000e+00	0.000000e+00	0	0
##	[6199,]	1.000000e+00	0.000000e+00	0	0
##	[6200,]	1.000000e+00	0.000000e+00	0	0
##	[6201,]	4.000000e+00	2.500000e+01	0	0
##	[6202,]	9.000000e+00	7.569000e+03	1	0

##	[6203,]	0.000000e+00	0.000000e+00	0	0
##	[6204,]	1.404001e+07	7.723397e+08	10201	81
##	[6205,]	0.000000e+00	0.000000e+00	0	0
##	[6206,]	6.708100e+04	1.193702e+07	361	1
##	[6207,]	0.000000e+00	0.000000e+00	0	0
##	[6208,]	0.000000e+00	0.000000e+00	0	0
##	[6209,]	0.000000e+00	0.000000e+00	0	0
##	[6210,]	0.000000e+00	0.000000e+00	0	0
##	[6211,]	0.000000e+00	0.000000e+00	0	0
##	[6212,]	4.347225e+06	1.771561e+08	7056	4
##	[6213,]	0.000000e+00	0.000000e+00	0	0
##	[6214,]	4.000000e+00	1.000000e+00	0	0
##	[6215,]	0.000000e+00	0.000000e+00	0	0
##	[6216,]	2.340900e+04	2.474329e+06	625	0
##	[6217,]	0.000000e+00	0.000000e+00	0	0
##	[6218,]	9.000000e+00	4.840000e+02	1	0
##	[6219,]	0.000000e+00	0.000000e+00	0	0
##	[6220,]	0.000000e+00	0.000000e+00	1	0
##	[6221,]	1.000000e+00	1.690000e+02	0	0
##	[6222,]	0.000000e+00	0.000000e+00	0	0
##	[6223,]	0.000000e+00	4.000000e+00	0	0
##	[6224,]	0.000000e+00	0.000000e+00	0	0
##	[6225,]	0.000000e+00	0.000000e+00	0	0
##	[6226,]	0.000000e+00	0.000000e+00	0	0
##	[6227,]	1.638400e+04	4.006890e+05	121	0
##	[6228,]	2.449225e+06	3.086914e+07	1681	1
##	[6229,]	0.000000e+00	0.000000e+00	0	0
##	[6230,]	0.000000e+00	0.000000e+00	0	0
##	[6231,]	1.000000e+00	9.000000e+00	0	0
##	[6232,]	2.025000e+03	4.410000e+02	1	0
##	[6233,]	0.000000e+00	0.000000e+00	0	0
##	[6234,]	6.584356e+08	9.089716e+07	324	0
##	[6235,]	0.000000e+00	0.000000e+00	0	0
##	[6236,]	0.000000e+00	0.000000e+00	0	0
##	[6237,]	0.000000e+00	0.000000e+00	0	0
##	[6238,]	1.000000e+00	0.000000e+00	0	0
##	[6239,]	0.000000e+00	0.000000e+00	0	0
##	[6240,]	0.000000e+00	0.000000e+00	0	0
##	[6241,]	3.240000e+02	1.656369e+06	4	0
##	[6242,]	0.000000e+00	0.000000e+00	0	0
##	[6243,]	0.000000e+00	1.000000e+00	0	0
##	[6244,]	0.000000e+00	0.000000e+00	0	0
##	[6245,]	7.050618e+08	1.751838e+10	186624	25
##	[6246,]	0.000000e+00	0.000000e+00	0	0
##	[6247,]	1.690000e+02	1.440000e+02	0	0
##	[6248,]	2.729104e+06	2.018673e+08	13225	9
##	[6249,]	0.000000e+00	9.000000e+00	0	0
##	[6250,]	4.000000e+00	0.000000e+00	0	0
##	[6251,]	0.000000e+00	0.000000e+00	0	0
##	[6252,]	6.561000e+03	0.000000e+00	0	0
##	[6253,]	0.000000e+00	0.000000e+00	0	0
##	[6254,]	0.000000e+00	0.000000e+00	0	0
##	[6255,]	0.000000e+00	0.000000e+00	0	0
##	[6256,]	0.000000e+00	0.000000e+00	0	0

##	[6257,]	0.000000e+00	0.000000e+00	0	0
##	[6258,]	0.000000e+00	0.000000e+00	0	0
##	[6259,]	0.000000e+00	0.000000e+00	0	0
##	[6260,]	0.000000e+00	0.000000e+00	0	0
##	[6261,]	0.000000e+00	0.000000e+00	0	0
##	[6262,]	0.000000e+00	0.000000e+00	0	0
##	[6263,]	0.000000e+00	0.000000e+00	0	0
##	[6264,]	0.000000e+00	0.000000e+00	0	0
##	[6265,]	0.000000e+00	0.000000e+00	0	0
##	[6266,]	1.690000e+02	2.500000e+01	0	0
##	[6267,]	0.000000e+00	0.000000e+00	0	0
##	[6268,]	0.000000e+00	0.000000e+00	0	0
##	[6269,]	1.000000e+00	4.000000e+00	0	0
##	[6270,]	1.008618e+08	8.702500e+06	16	0
##	[6271,]	6.002500e+06	3.628858e+07	25	0
##	[6272,]	0.000000e+00	0.000000e+00	0	0
##	[6273,]	0.000000e+00	1.000000e+00	0	0
##	[6274,]	0.000000e+00	0.000000e+00	0	0
##	[6275,]	0.000000e+00	0.000000e+00	0	0
##	[6276,]	8.100000e+01	6.400000e+01	0	0
##	[6277,]	0.000000e+00	0.000000e+00	0	0
##	[6278,]	0.000000e+00	0.000000e+00	0	0
##	[6279,]	0.000000e+00	0.000000e+00	0	0
##	[6280,]	0.000000e+00	0.000000e+00	0	0
##	[6281,]	0.000000e+00	0.000000e+00	0	0
##	[6282,]	0.000000e+00	0.000000e+00	0	0
##	[6283,]	2.500000e+01	1.000000e+00	0	0
##	[6284,]	1.000000e+00	1.876900e+04	0	0
##	[6285,]	0.000000e+00	0.000000e+00	0	0
##	[6286,]	1.225000e+03	1.664100e+04	9	0
##	[6287,]	0.000000e+00	0.000000e+00	0	0
##	[6288,]	1.460004e+07	3.448449e+08	484	0
##	[6289,]	0.000000e+00	0.000000e+00	0	0
##	[6290,]	0.000000e+00	0.000000e+00	0	0
##	[6291,]	1.743456e+08	3.762228e+09	25281	0
##	[6292,]	5.184000e+05	4.329640e+07	1089	1
##	[6293,]	0.000000e+00	0.000000e+00	0	0
##	[6294,]	0.000000e+00	0.000000e+00	0	0
##	[6295,]	0.000000e+00	0.000000e+00	0	0
##	[6296,]	6.400000e+01	4.970250e+05	0	0
##	[6297,]	3.600000e+01	1.600000e+01	0	0
##	[6298,]	4.000000e+00	0.000000e+00	0	0
##	[6299,]	0.000000e+00	0.000000e+00	0	0
##	[6300,]	0.000000e+00	1.000000e+00	0	0
##	[6301,]	0.000000e+00	0.000000e+00	0	0
##	[6302,]	0.000000e+00	0.000000e+00	0	0
##	[6303,]	0.000000e+00	1.600000e+01	0	0
##	[6304,]	1.451610e+05	1.782528e+07	289	0
##	[6305,]	1.671992e+07	7.315402e+08	6400	1
##	[6306,]	0.000000e+00	0.000000e+00	0	0
##	[6307,]	0.000000e+00	0.000000e+00	0	0
##	[6308,]	0.000000e+00	0.000000e+00	0	0
##	[6309,]	0.000000e+00	0.000000e+00	0	0
##	[6310,]	2.500000e+01	8.584900e+04	1	0

##	[6311,]	1.000000e+00	0.000000e+00	0	0
##	[6312,]	0.000000e+00	0.000000e+00	0	0
##	[6313,]	0.000000e+00	0.000000e+00	0	0
##	[6314,]	0.000000e+00	0.000000e+00	0	0
##	[6315,]	0.000000e+00	0.000000e+00	0	0
##	[6316,]	1.336567e+08	7.290000e+02	1	0
##	[6317,]	0.000000e+00	0.000000e+00	0	0
##	[6318,]	1.000000e+00	0.000000e+00	0	0
##	[6319,]	0.000000e+00	0.000000e+00	0	0
##	[6320,]	0.000000e+00	0.000000e+00	0	0
##	[6321,]	0.000000e+00	0.000000e+00	0	0
##	[6322,]	8.277129e+06	2.560320e+08	6724	1
##	[6323,]	0.000000e+00	0.000000e+00	0	0
##	[6324,]	0.000000e+00	0.000000e+00	0	0
##	[6325,]	0.000000e+00	0.000000e+00	0	0
##	[6326,]	0.000000e+00	0.000000e+00	0	0
##	[6327,]	0.000000e+00	4.000000e+00	0	0
##	[6328,]	9.000000e+00	1.322500e+04	0	0
##	[6329,]	7.075600e+04	4.422609e+06	1089	1
##	[6330,]	4.000000e+00	1.000000e+00	0	0
##	[6331,]	0.000000e+00	0.000000e+00	0	0
##	[6332,]	0.000000e+00	0.000000e+00	0	0
##	[6333,]	0.000000e+00	0.000000e+00	0	0
##	[6334,]	2.131600e+04	6.955560e+05	225	0
##	[6335,]	2.096704e+06	4.568408e+07	3025	4
##	[6336,]	0.000000e+00	1.000000e+00	0	0
##	[6337,]	0.000000e+00	0.000000e+00	0	0
##	[6338,]	0.000000e+00	4.000000e+00	0	0
##	[6339,]	1.000000e+00	9.000000e+02	1	0
##	[6340,]	0.000000e+00	0.000000e+00	0	0
##	[6341,]	0.000000e+00	0.000000e+00	0	0
##	[6342,]	0.000000e+00	0.000000e+00	0	0
##	[6343,]	0.000000e+00	0.000000e+00	0	0
##	[6344,]	0.000000e+00	0.000000e+00	0	0
##	[6345,]	1.081600e+04	1.156000e+05	196	1
##	[6346,]	0.000000e+00	4.900000e+01	0	0
##	[6347,]	0.000000e+00	0.000000e+00	0	0
##	[6348,]	0.000000e+00	0.000000e+00	0	0
##	[6349,]	1.240996e+06	6.985449e+06	1156	1
##	[6350,]	0.000000e+00	0.000000e+00	0	0
##	[6351,]	0.000000e+00	0.000000e+00	0	0
##	[6352,]	0.000000e+00	0.000000e+00	0	0
##	[6353,]	0.000000e+00	0.000000e+00	0	0
##	[6354,]	0.000000e+00	0.000000e+00	0	0
##	[6355,]	0.000000e+00	0.000000e+00	0	0
##	[6356,]	1.000000e+00	0.000000e+00	0	0
##	[6357,]	5.824982e+08	8.101800e+07	100	0
##	[6358,]	0.000000e+00	0.000000e+00	0	0
##	[6359,]	5.290000e+02	1.690000e+02	0	0
##	[6360,]	1.000000e+00	9.000000e+00	0	0
##	[6361,]	0.000000e+00	0.000000e+00	0	0
##	[6362,]	1.000000e+00	0.000000e+00	0	0
##	[6363,]	8.100000e+01	1.308736e+06	9	1
##	[6364,]	4.765489e+06	4.185707e+08	24336	25

##	[6365,]	0.000000e+00	0.000000e+00	0	0
##	[6366,]	0.000000e+00	2.500000e+01	0	0
##	[6367,]	0.000000e+00	1.600000e+01	0	0
##	[6368,]	0.000000e+00	0.000000e+00	0	0
##	[6369,]	4.900000e+01	8.100000e+01	0	0
##	[6370,]	1.339560e+09	2.617115e+10	467856	324
##	[6371,]	0.000000e+00	0.000000e+00	0	0
##	[6372,]	0.000000e+00	0.000000e+00	0	0
##	[6373,]	0.000000e+00	0.000000e+00	0	0
##	[6374,]	0.000000e+00	0.000000e+00	0	0
##	[6375,]	0.000000e+00	0.000000e+00	0	0
##	[6376,]	0.000000e+00	0.000000e+00	0	0
##	[6377,]	1.690000e+04	9.000000e+00	0	0
##	[6378,]	0.000000e+00	0.000000e+00	0	0
##	[6379,]	0.000000e+00	0.000000e+00	0	0
##	[6380,]	0.000000e+00	0.000000e+00	0	0
##	[6381,]	0.000000e+00	0.000000e+00	0	0
##	[6382,]	0.000000e+00	0.000000e+00	0	0
##	[6383,]	0.000000e+00	0.000000e+00	0	0
##	[6384,]	0.000000e+00	0.000000e+00	0	0
##	[6385,]	2.890000e+02	2.500000e+01	0	0
##	[6386,]	0.000000e+00	1.000000e+00	0	0
##	[6387,]	0.000000e+00	0.000000e+00	0	0
##	[6388,]	0.000000e+00	0.000000e+00	0	0
##	[6389,]	1.283689e+08	3.089136e+07	4	0
##	[6390,]	0.000000e+00	0.000000e+00	0	0
##	[6391,]	3.600000e+01	6.250000e+02	0	0
##	[6392,]	0.000000e+00	1.000000e+00	0	0
##	[6393,]	1.046522e+07	1.103970e+08	324	1
##	[6394,]	0.000000e+00	0.000000e+00	0	0
##	[6395,]	0.000000e+00	0.000000e+00	0	0
##	[6396,]	0.000000e+00	0.000000e+00	0	0
##	[6397,]	0.000000e+00	0.000000e+00	0	0
##	[6398,]	0.000000e+00	2.500000e+01	0	0
##	[6399,]	0.000000e+00	0.000000e+00	0	0
##	[6400,]	0.000000e+00	0.000000e+00	0	0
##	[6401,]	0.000000e+00	0.000000e+00	0	0
##	[6402,]	2.796294e+07	6.006421e+08	1444	16
##	[6403,]	0.000000e+00	0.000000e+00	0	0
##	[6404,]	0.000000e+00	0.000000e+00	0	0
##	[6405,]	0.000000e+00	0.000000e+00	0	0
##	[6406,]	7.290000e+02	4.243600e+04	4	0
##	[6407,]	4.000000e+00	0.000000e+00	0	0
##	[6408,]	4.000000e+00	2.371600e+04	1	0
##	[6409,]	0.000000e+00	0.000000e+00	0	0
##	[6410,]	0.000000e+00	0.000000e+00	0	0
##	[6411,]	0.000000e+00	4.000000e+00	0	0
##	[6412,]	0.000000e+00	1.000000e+00	0	0
##	[6413,]	0.000000e+00	0.000000e+00	0	0
##	[6414,]	0.000000e+00	0.000000e+00	0	0
##	[6415,]	3.206248e+08	6.272482e+09	45796	36
##	[6416,]	1.600000e+01	4.435560e+05	1	0
##	[6417,]	0.000000e+00	0.000000e+00	0	0
##	[6418,]	0.000000e+00	0.000000e+00	0	0

##	[6419,]	1.600000e+01	3.600000e+01	0	0
##	[6420,]	1.104601e+06	9.308390e+07	2116	9
##	[6421,]	0.000000e+00	4.000000e+00	0	0
##	[6422,]	4.000000e+00	4.284900e+04	0	0
##	[6423,]	0.000000e+00	0.000000e+00	0	0
##	[6424,]	1.000000e+00	0.000000e+00	0	0
##	[6425,]	2.709202e+07	9.434112e+08	24336	9
##	[6426,]	0.000000e+00	0.000000e+00	0	0
##	[6427,]	1.980250e+05	3.465677e+07	1764	1
##	[6428,]	1.000000e+00	1.000000e+00	0	0
##	[6429,]	0.000000e+00	1.000000e+00	0	0
##	[6430,]	0.000000e+00	0.000000e+00	0	0
##	[6431,]	0.000000e+00	0.000000e+00	0	0
##	[6432,]	0.000000e+00	0.000000e+00	0	0
##	[6433,]	1.000000e+02	0.000000e+00	0	0
##	[6434,]	0.000000e+00	0.000000e+00	0	0
##	[6435,]	0.000000e+00	0.000000e+00	0	0
##	[6436,]	0.000000e+00	0.000000e+00	0	0
##	[6437,]	0.000000e+00	0.000000e+00	0	0
##	[6438,]	1.964483e+08	8.410000e+02	0	0
##	[6439,]	0.000000e+00	0.000000e+00	0	0
##	[6440,]	1.000000e+00	0.000000e+00	0	0
##	[6441,]	0.000000e+00	0.000000e+00	0	0
##	[6442,]	0.000000e+00	0.000000e+00	0	0
##	[6443,]	1.075840e+05	1.226400e+07	1024	0
##	[6444,]	0.000000e+00	4.000000e+00	0	0
##	[6445,]	0.000000e+00	0.000000e+00	0	0
##	[6446,]	0.000000e+00	9.000000e+00	0	0
##	[6447,]	1.000000e+00	6.400000e+03	1	0
##	[6448,]	0.000000e+00	0.000000e+00	0	0
##	[6449,]	0.000000e+00	0.000000e+00	0	0
##	[6450,]	1.561040e+07	3.006409e+08	14641	16
##	[6451,]	0.000000e+00	0.000000e+00	0	0
##	[6452,]	0.000000e+00	0.000000e+00	0	0
##	[6453,]	5.480281e+06	5.052366e+07	8100	1
##	[6454,]	2.822400e+04	8.046090e+05	784	0
##	[6455,]	0.000000e+00	0.000000e+00	0	0
##	[6456,]	0.000000e+00	0.000000e+00	0	0
##	[6457,]	0.000000e+00	0.000000e+00	0	0
##	[6458,]	0.000000e+00	0.000000e+00	0	0
##	[6459,]	0.000000e+00	0.000000e+00	0	0
##	[6460,]	0.000000e+00	1.024000e+03	0	1
##	[6461,]	0.000000e+00	0.000000e+00	0	0
##	[6462,]	0.000000e+00	0.000000e+00	0	0
##	[6463,]	2.689600e+04	1.017610e+05	36	1
##	[6464,]	0.000000e+00	2.500000e+01	0	0
##	[6465,]	0.000000e+00	0.000000e+00	0	0
##	[6466,]	0.000000e+00	0.000000e+00	0	0
##	[6467,]	0.000000e+00	0.000000e+00	0	0
##	[6468,]	0.000000e+00	0.000000e+00	0	0
##	[6469,]	3.644281e+06	8.444836e+06	4225	0
##	[6470,]	0.000000e+00	0.000000e+00	0	0
##	[6471,]	0.000000e+00	0.000000e+00	0	0
##	[6472,]	0.000000e+00	3.600000e+01	0	0

##	[6473,]	0.000000e+00	0.000000e+00	0	0
##	[6474,]	0.000000e+00	1.000000e+00	0	0
##	[6475,]	1.000000e+00	0.000000e+00	0	0
##	[6476,]	0.000000e+00	0.000000e+00	0	0
##	[6477,]	8.243215e+08	2.591134e+08	400	1
##	[6478,]	0.000000e+00	0.000000e+00	0	0
##	[6479,]	1.089000e+03	9.000000e+02	0	0
##	[6480,]	0.000000e+00	0.000000e+00	0	0
##	[6481,]	0.000000e+00	0.000000e+00	0	0
##	[6482,]	2.500000e+01	4.410000e+02	9	0
##	[6483,]	6.400000e+01	2.352250e+05	4	0
##	[6484,]	1.000000e+00	4.900000e+01	1	0
##	[6485,]	0.000000e+00	0.000000e+00	0	0
##	[6486,]	0.000000e+00	1.000000e+00	1	0
##	[6487,]	0.000000e+00	1.600000e+01	0	0
##	[6488,]	1.598720e+09	3.927769e+10	3594816	1089
##	[6489,]	0.000000e+00	0.000000e+00	0	0
##	[6490,]	6.953769e+06	4.823734e+08	57121	16
##	[6491,]	0.000000e+00	0.000000e+00	0	0
##	[6492,]	0.000000e+00	0.000000e+00	0	0
##	[6493,]	0.000000e+00	0.000000e+00	0	0
##	[6494,]	0.000000e+00	0.000000e+00	0	0
##	[6495,]	0.000000e+00	0.000000e+00	0	0
##	[6496,]	0.000000e+00	0.000000e+00	0	0
##	[6497,]	9.796900e+04	9.000000e+00	0	0
##	[6498,]	0.000000e+00	0.000000e+00	0	0
##	[6499,]	0.000000e+00	0.000000e+00	0	0
##	[6500,]	0.000000e+00	0.000000e+00	0	0
##	[6501,]	0.000000e+00	0.000000e+00	0	0
##	[6502,]	0.000000e+00	0.000000e+00	0	0
##	[6503,]	1.690000e+02	9.000000e+00	0	0
##	[6504,]	0.000000e+00	0.000000e+00	0	0
##	[6505,]	0.000000e+00	0.000000e+00	0	0
##	[6506,]	0.000000e+00	0.000000e+00	0	0
##	[6507,]	0.000000e+00	0.000000e+00	0	0
##	[6508,]	0.000000e+00	0.000000e+00	0	0
##	[6509,]	6.957228e+07	2.232562e+07	49	0
##	[6510,]	0.000000e+00	0.000000e+00	0	0
##	[6511,]	0.000000e+00	0.000000e+00	0	0
##	[6512,]	0.000000e+00	1.000000e+00	0	0
##	[6513,]	0.000000e+00	0.000000e+00	0	0
##	[6514,]	0.000000e+00	0.000000e+00	0	0
##	[6515,]	7.128900e+06	8.898149e+07	121	1
##	[6516,]	0.000000e+00	0.000000e+00	0	0
##	[6517,]	3.610000e+02	2.890000e+02	0	0
##	[6518,]	0.000000e+00	0.000000e+00	0	0
##	[6519,]	1.000000e+00	1.000000e+00	0	0
##	[6520,]	0.000000e+00	0.000000e+00	0	0
##	[6521,]	2.809000e+03	4.040100e+04	4	0
##	[6522,]	0.000000e+00	0.000000e+00	0	0
##	[6523,]	2.757300e+07	6.113256e+08	3136	1
##	[6524,]	4.000000e+00	0.000000e+00	0	0
##	[6525,]	0.000000e+00	0.000000e+00	0	0
##	[6526,]	0.000000e+00	0.000000e+00	0	0

##	[6527,]	0.000000e+00	0.000000e+00	0	0
##	[6528,]	1.000000e+00	0.000000e+00	0	0
##	[6529,]	0.000000e+00	0.000000e+00	0	0
##	[6530,]	0.000000e+00	2.116000e+03	1	0
##	[6531,]	0.000000e+00	0.000000e+00	0	0
##	[6532,]	1.162084e+06	1.376164e+08	6241	1
##	[6533,]	0.000000e+00	0.000000e+00	0	0
##	[6534,]	9.000000e+00	6.864400e+04	0	0
##	[6535,]	0.000000e+00	0.000000e+00	0	0
##	[6536,]	0.000000e+00	0.000000e+00	0	0
##	[6537,]	0.000000e+00	4.000000e+00	0	0
##	[6538,]	0.000000e+00	0.000000e+00	0	0
##	[6539,]	3.250448e+08	9.352824e+09	209764	36
##	[6540,]	1.000000e+00	6.400000e+01	0	0
##	[6541,]	0.000000e+00	0.000000e+00	0	0
##	[6542,]	0.000000e+00	1.000000e+00	1	0
##	[6543,]	4.000000e+00	1.040400e+04	1	0
##	[6544,]	3.330444e+07	1.429596e+09	91204	36
##	[6545,]	4.000000e+00	1.600000e+01	0	0
##	[6546,]	0.000000e+00	0.000000e+00	0	0
##	[6547,]	0.000000e+00	0.000000e+00	0	0
##	[6548,]	2.809000e+05	3.314305e+07	2116	4
##	[6549,]	0.000000e+00	1.000000e+00	0	0
##	[6550,]	0.000000e+00	0.000000e+00	0	0
##	[6551,]	0.000000e+00	0.000000e+00	0	0
##	[6552,]	0.000000e+00	0.000000e+00	0	0
##	[6553,]	0.000000e+00	0.000000e+00	0	0
##	[6554,]	0.000000e+00	0.000000e+00	0	0
##	[6555,]	6.400000e+01	0.000000e+00	0	0
##	[6556,]	0.000000e+00	0.000000e+00	0	0
##	[6557,]	0.000000e+00	0.000000e+00	0	0
##	[6558,]	0.000000e+00	0.000000e+00	0	0
##	[6559,]	0.000000e+00	0.000000e+00	0	0
##	[6560,]	1.188318e+08	1.849000e+03	0	0
##	[6561,]	1.000000e+00	1.764000e+03	0	0
##	[6562,]	0.000000e+00	0.000000e+00	0	0
##	[6563,]	1.944810e+05	8.352100e+06	1849	1
##	[6564,]	0.000000e+00	0.000000e+00	0	0
##	[6565,]	2.284840e+07	5.482154e+08	191844	196
##	[6566,]	0.000000e+00	1.000000e+00	0	0
##	[6567,]	0.000000e+00	0.000000e+00	0	0
##	[6568,]	0.000000e+00	0.000000e+00	0	0
##	[6569,]	0.000000e+00	2.500000e+01	1	0
##	[6570,]	0.000000e+00	1.000000e+00	0	0
##	[6571,]	0.000000e+00	9.000000e+00	0	0
##	[6572,]	0.000000e+00	0.000000e+00	0	0
##	[6573,]	0.000000e+00	0.000000e+00	0	0
##	[6574,]	0.000000e+00	0.000000e+00	0	0
##	[6575,]	0.000000e+00	4.000000e+00	0	0
##	[6576,]	8.008900e+04	1.030225e+06	1936	0
##	[6577,]	0.000000e+00	0.000000e+00	0	0
##	[6578,]	0.000000e+00	4.410000e+02	0	0
##	[6579,]	9.690769e+06	1.180265e+08	189225	9
##	[6580,]	0.000000e+00	4.000000e+00	4	0

##	[6581,]	0.000000e+00	4.000000e+00	0	0
##	[6582,]	0.000000e+00	0.000000e+00	0	0
##	[6583,]	0.000000e+00	1.000000e+00	0	0
##	[6584,]	0.000000e+00	0.000000e+00	0	0
##	[6585,]	0.000000e+00	0.000000e+00	0	0
##	[6586,]	6.350400e+04	1.361610e+05	625	0
##	[6587,]	9.241600e+06	2.174357e+07	42849	9
##	[6588,]	0.000000e+00	0.000000e+00	0	0
##	[6589,]	0.000000e+00	0.000000e+00	1	0
##	[6590,]	4.000000e+00	1.440000e+02	0	0
##	[6591,]	0.000000e+00	0.000000e+00	0	0
##	[6592,]	0.000000e+00	0.000000e+00	0	0
##	[6593,]	4.939506e+08	2.017536e+08	324	1
##	[6594,]	0.000000e+00	0.000000e+00	0	0
##	[6595,]	0.000000e+00	1.000000e+00	0	0
##	[6596,]	0.000000e+00	0.000000e+00	0	0
##	[6597,]	1.600000e+03	4.000000e+02	0	0
##	[6598,]	0.000000e+00	0.000000e+00	0	0
##	[6599,]	1.000000e+00	1.000000e+00	0	0
##	[6600,]	0.000000e+00	0.000000e+00	0	0
##	[6601,]	6.221532e+08	2.256485e+10	627264	784
##	[6602,]	3.222025e+06	2.042898e+08	21316	16
##	[6603,]	1.000000e+00	3.600000e+01	1	0
##	[6604,]	8.100000e+01	8.100000e+01	0	0
##	[6605,]	3.600000e+01	8.643600e+04	324	0
##	[6606,]	0.000000e+00	0.000000e+00	0	0
##	[6607,]	0.000000e+00	4.000000e+00	0	0
##	[6608,]	0.000000e+00	0.000000e+00	0	0
##	[6609,]	0.000000e+00	0.000000e+00	0	0
##	[6610,]	0.000000e+00	0.000000e+00	0	0
##	[6611,]	0.000000e+00	0.000000e+00	0	0
##	[6612,]	0.000000e+00	0.000000e+00	0	0
##	[6613,]	0.000000e+00	0.000000e+00	0	0
##	[6614,]	0.000000e+00	0.000000e+00	0	0
##	[6615,]	1.488400e+04	4.000000e+00	0	0
##	[6616,]	0.000000e+00	0.000000e+00	0	0
##	[6617,]	0.000000e+00	0.000000e+00	0	0
##	[6618,]	0.000000e+00	0.000000e+00	0	0
##	[6619,]	0.000000e+00	0.000000e+00	0	0
##	[6620,]	0.000000e+00	0.000000e+00	0	0
##	[6621,]	0.000000e+00	0.000000e+00	0	0
##	[6622,]	0.000000e+00	0.000000e+00	0	0
##	[6623,]	0.000000e+00	0.000000e+00	0	0
##	[6624,]	0.000000e+00	0.000000e+00	0	0
##	[6625,]	0.000000e+00	0.000000e+00	0	0
##	[6626,]	0.000000e+00	0.000000e+00	0	0
##	[6627,]	2.395124e+07	1.421290e+07	36	0
##	[6628,]	1.600000e+01	1.600000e+01	0	0
##	[6629,]	0.000000e+00	0.000000e+00	0	0
##	[6630,]	0.000000e+00	0.000000e+00	0	0
##	[6631,]	3.940225e+06	5.777520e+07	49	0
##	[6632,]	0.000000e+00	0.000000e+00	0	0
##	[6633,]	0.000000e+00	0.000000e+00	0	0
##	[6634,]	0.000000e+00	0.000000e+00	0	0

##	[6635,]	0.000000e+00	0.000000e+00	0	0
##	[6636,]	0.000000e+00	0.000000e+00	0	0
##	[6637,]	0.000000e+00	0.000000e+00	0	0
##	[6638,]	0.000000e+00	1.000000e+00	0	0
##	[6639,]	0.000000e+00	0.000000e+00	0	0
##	[6640,]	8.100000e+01	4.900000e+01	0	0
##	[6641,]	1.309716e+07	4.758070e+08	2025	1
##	[6642,]	0.000000e+00	9.000000e+00	0	0
##	[6643,]	0.000000e+00	0.000000e+00	0	0
##	[6644,]	9.000000e+02	2.433600e+04	0	0
##	[6645,]	0.000000e+00	0.000000e+00	0	0
##	[6646,]	0.000000e+00	0.000000e+00	0	0
##	[6647,]	0.000000e+00	0.000000e+00	0	0
##	[6648,]	0.000000e+00	9.000000e+00	0	0
##	[6649,]	0.000000e+00	4.000000e+02	0	0
##	[6650,]	0.000000e+00	0.000000e+00	0	0
##	[6651,]	2.500000e+01	2.624400e+04	36	0
##	[6652,]	6.099610e+05	6.326612e+07	2025	1
##	[6653,]	4.900000e+01	1.000000e+00	0	0
##	[6654,]	0.000000e+00	0.000000e+00	0	0
##	[6655,]	0.000000e+00	0.000000e+00	0	0
##	[6656,]	1.000000e+00	4.000000e+00	0	0
##	[6657,]	0.000000e+00	0.000000e+00	0	0
##	[6658,]	1.346760e+08	5.762176e+09	71824	81
##	[6659,]	0.000000e+00	0.000000e+00	0	0
##	[6660,]	0.000000e+00	0.000000e+00	0	0
##	[6661,]	0.000000e+00	0.000000e+00	0	0
##	[6662,]	0.000000e+00	0.000000e+00	0	0
##	[6663,]	4.000000e+00	4.000000e+00	0	0
##	[6664,]	1.406250e+07	7.240405e+08	20449	36
##	[6665,]	0.000000e+00	0.000000e+00	0	0
##	[6666,]	1.466890e+05	1.420536e+07	841	0
##	[6667,]	0.000000e+00	4.000000e+00	0	0
##	[6668,]	0.000000e+00	0.000000e+00	0	0
##	[6669,]	0.000000e+00	4.225000e+03	16	0
##	[6670,]	0.000000e+00	0.000000e+00	0	0
##	[6671,]	0.000000e+00	0.000000e+00	0	0
##	[6672,]	2.500000e+01	0.000000e+00	0	0
##	[6673,]	0.000000e+00	0.000000e+00	0	0
##	[6674,]	0.000000e+00	0.000000e+00	0	0
##	[6675,]	2.734244e+07	1.690000e+02	1	0
##	[6676,]	0.000000e+00	0.000000e+00	0	0
##	[6677,]	0.000000e+00	0.000000e+00	0	0
##	[6678,]	0.000000e+00	0.000000e+00	0	0
##	[6679,]	0.000000e+00	0.000000e+00	0	0
##	[6680,]	0.000000e+00	0.000000e+00	0	0
##	[6681,]	6.859161e+06	2.323795e+08	18769	9
##	[6682,]	7.236100e+04	2.396304e+06	841	4
##	[6683,]	0.000000e+00	8.410000e+02	9	0
##	[6684,]	0.000000e+00	0.000000e+00	0	0
##	[6685,]	0.000000e+00	1.000000e+00	1	0
##	[6686,]	0.000000e+00	0.000000e+00	0	0
##	[6687,]	0.000000e+00	0.000000e+00	0	0
##	[6688,]	0.000000e+00	1.000000e+00	0	0

##	[6689,]	0.000000e+00	0.000000e+00	0	0
##	[6690,]	0.000000e+00	0.000000e+00	0	0
##	[6691,]	2.958400e+06	4.727938e+07	14161	64
##	[6692,]	0.000000e+00	0.000000e+00	0	0
##	[6693,]	0.000000e+00	0.000000e+00	0	0
##	[6694,]	0.000000e+00	0.000000e+00	0	0
##	[6695,]	0.000000e+00	4.000000e+00	0	0
##	[6696,]	0.000000e+00	0.000000e+00	0	0
##	[6697,]	0.000000e+00	1.210000e+02	1	0
##	[6698,]	0.000000e+00	0.000000e+00	0	0
##	[6699,]	3.132900e+04	3.708810e+05	900	1
##	[6700,]	0.000000e+00	0.000000e+00	0	0
##	[6701,]	0.000000e+00	0.000000e+00	0	0
##	[6702,]	0.000000e+00	0.000000e+00	0	0
##	[6703,]	0.000000e+00	0.000000e+00	0	0
##	[6704,]	1.000000e+00	4.900000e+01	16	0
##	[6705,]	0.000000e+00	0.000000e+00	0	0
##	[6706,]	0.000000e+00	0.000000e+00	0	0
##	[6707,]	0.000000e+00	0.000000e+00	0	0
##	[6708,]	0.000000e+00	0.000000e+00	0	0
##	[6709,]	2.402500e+04	6.604900e+04	169	0
##	[6710,]	2.656900e+06	1.201316e+07	6400	1
##	[6711,]	0.000000e+00	0.000000e+00	0	0
##	[6712,]	1.495729e+08	1.296410e+08	196	0
##	[6713,]	0.000000e+00	1.000000e+00	0	0
##	[6714,]	0.000000e+00	0.000000e+00	0	0
##	[6715,]	3.240000e+02	1.210000e+02	0	0
##	[6716,]	0.000000e+00	0.000000e+00	0	0
##	[6717,]	0.000000e+00	0.000000e+00	0	0
##	[6718,]	0.000000e+00	0.000000e+00	0	0
##	[6719,]	0.000000e+00	0.000000e+00	0	0
##	[6720,]	0.000000e+00	0.000000e+00	0	0
##	[6721,]	0.000000e+00	0.000000e+00	0	0
##	[6722,]	0.000000e+00	0.000000e+00	0	0
##	[6723,]	0.000000e+00	0.000000e+00	0	0
##	[6724,]	0.000000e+00	4.000000e+00	0	0
##	[6725,]	4.419245e+08	1.539461e+10	810000	400
##	[6726,]	1.000000e+02	3.920400e+04	25	0
##	[6727,]	1.338649e+06	9.688465e+07	18496	25
##	[6728,]	0.000000e+00	0.000000e+00	0	0
##	[6729,]	0.000000e+00	0.000000e+00	0	0
##	[6730,]	3.600000e+01	2.250000e+02	1	0
##	[6731,]	0.000000e+00	0.000000e+00	0	0
##	[6732,]	0.000000e+00	0.000000e+00	0	0
##	[6733,]	0.000000e+00	0.000000e+00	0	0
##	[6734,]	0.000000e+00	0.000000e+00	0	0
##	[6735,]	0.000000e+00	0.000000e+00	0	0
##	[6736,]	1.664100e+04	4.000000e+00	0	0
##	[6737,]	0.000000e+00	0.000000e+00	0	0
##	[6738,]	0.000000e+00	0.000000e+00	0	0
##	[6739,]	0.000000e+00	0.000000e+00	0	0
##	[6740,]	0.000000e+00	0.000000e+00	0	0
##	[6741,]	0.000000e+00	0.000000e+00	0	0
##	[6742,]	0.000000e+00	0.000000e+00	0	0

##	[6743,]	1.000000e+00	0.000000e+00	0	0
##	[6744,]	0.000000e+00	0.000000e+00	0	0
##	[6745,]	0.000000e+00	0.000000e+00	0	0
##	[6746,]	0.000000e+00	0.000000e+00	0	0
##	[6747,]	0.000000e+00	0.000000e+00	0	0
##	[6748,]	9.000000e+00	1.600000e+01	0	0
##	[6749,]	1.806250e+07	1.521780e+07	25	0
##	[6750,]	0.000000e+00	0.000000e+00	0	0
##	[6751,]	0.000000e+00	0.000000e+00	0	0
##	[6752,]	0.000000e+00	0.000000e+00	0	0
##	[6753,]	0.000000e+00	0.000000e+00	0	0
##	[6754,]	0.000000e+00	0.000000e+00	0	0
##	[6755,]	4.000000e+00	2.890000e+02	0	0
##	[6756,]	0.000000e+00	0.000000e+00	0	0
##	[6757,]	0.000000e+00	0.000000e+00	0	0
##	[6758,]	0.000000e+00	0.000000e+00	0	0
##	[6759,]	3.334276e+06	6.084000e+07	100	0
##	[6760,]	0.000000e+00	1.000000e+00	0	0
##	[6761,]	0.000000e+00	0.000000e+00	0	0
##	[6762,]	0.000000e+00	0.000000e+00	0	0
##	[6763,]	1.169640e+07	3.868696e+08	7225	1
##	[6764,]	0.000000e+00	0.000000e+00	0	0
##	[6765,]	0.000000e+00	0.000000e+00	0	0
##	[6766,]	0.000000e+00	1.000000e+00	0	0
##	[6767,]	1.000000e+00	4.410000e+02	0	0
##	[6768,]	9.610000e+02	2.310400e+04	4	0
##	[6769,]	0.000000e+00	0.000000e+00	0	0
##	[6770,]	0.000000e+00	0.000000e+00	0	0
##	[6771,]	1.600000e+01	2.500000e+01	1	0
##	[6772,]	0.000000e+00	0.000000e+00	0	0
##	[6773,]	2.970250e+05	3.098036e+07	2916	4
##	[6774,]	0.000000e+00	0.000000e+00	0	0
##	[6775,]	1.071639e+08	4.207209e+09	123904	16
##	[6776,]	0.000000e+00	0.000000e+00	0	0
##	[6777,]	1.600000e+01	9.409000e+03	1	0
##	[6778,]	0.000000e+00	0.000000e+00	0	0
##	[6779,]	0.000000e+00	0.000000e+00	0	0
##	[6780,]	0.000000e+00	1.000000e+00	0	0
##	[6781,]	0.000000e+00	0.000000e+00	0	0
##	[6782,]	0.000000e+00	4.900000e+01	0	0
##	[6783,]	8.749764e+06	4.515625e+08	22801	49
##	[6784,]	0.000000e+00	0.000000e+00	0	0
##	[6785,]	0.000000e+00	0.000000e+00	0	0
##	[6786,]	5.107600e+04	6.723649e+06	841	0
##	[6787,]	0.000000e+00	0.000000e+00	0	0
##	[6788,]	0.000000e+00	0.000000e+00	0	0
##	[6789,]	4.000000e+00	1.225000e+03	4	0
##	[6790,]	0.000000e+00	0.000000e+00	0	0
##	[6791,]	0.000000e+00	0.000000e+00	0	0
##	[6792,]	0.000000e+00	0.000000e+00	0	0
##	[6793,]	0.000000e+00	0.000000e+00	0	0
##	[6794,]	4.000000e+00	0.000000e+00	0	0
##	[6795,]	0.000000e+00	0.000000e+00	0	0
##	[6796,]	0.000000e+00	0.000000e+00	0	0

##	[6797,]	0.000000e+00	0.000000e+00	0	0
##	[6798,]	0.000000e+00	0.000000e+00	0	0
##	[6799,]	2.083922e+07	2.560000e+02	0	0
##	[6800,]	0.000000e+00	0.000000e+00	0	0
##	[6801,]	0.000000e+00	1.000000e+00	0	0
##	[6802,]	0.000000e+00	0.000000e+00	0	0
##	[6803,]	0.000000e+00	0.000000e+00	0	0
##	[6804,]	0.000000e+00	4.000000e+00	0	0
##	[6805,]	0.000000e+00	0.000000e+00	0	0
##	[6806,]	0.000000e+00	1.089000e+03	1	0
##	[6807,]	2.924100e+04	9.702250e+05	324	4
##	[6808,]	0.000000e+00	0.000000e+00	0	0
##	[6809,]	0.000000e+00	0.000000e+00	0	0
##	[6810,]	3.594816e+06	1.204067e+08	14641	36
##	[6811,]	4.000000e+00	8.100000e+01	1	0
##	[6812,]	0.000000e+00	0.000000e+00	0	0
##	[6813,]	0.000000e+00	0.000000e+00	0	0
##	[6814,]	0.000000e+00	0.000000e+00	0	0
##	[6815,]	0.000000e+00	0.000000e+00	0	0
##	[6816,]	7.056000e+03	1.600000e+05	361	0
##	[6817,]	1.320201e+06	2.337722e+07	13924	4
##	[6818,]	0.000000e+00	0.000000e+00	0	0
##	[6819,]	0.000000e+00	0.000000e+00	0	0
##	[6820,]	4.000000e+00	0.000000e+00	0	0
##	[6821,]	0.000000e+00	0.000000e+00	0	0
##	[6822,]	1.000000e+04	2.160900e+04	196	1
##	[6823,]	1.000000e+00	9.000000e+00	0	0
##	[6824,]	0.000000e+00	0.000000e+00	0	0
##	[6825,]	0.000000e+00	0.000000e+00	0	0
##	[6826,]	1.555009e+06	6.175225e+06	5329	0
##	[6827,]	0.000000e+00	0.000000e+00	0	0
##	[6828,]	0.000000e+00	0.000000e+00	0	0
##	[6829,]	0.000000e+00	0.000000e+00	0	0
##	[6830,]	0.000000e+00	0.000000e+00	0	0
##	[6831,]	1.159929e+08	1.373350e+08	225	0
##	[6832,]	0.000000e+00	0.000000e+00	0	0
##	[6833,]	0.000000e+00	0.000000e+00	0	0
##	[6834,]	1.000000e+00	0.000000e+00	0	0
##	[6835,]	0.000000e+00	0.000000e+00	0	0
##	[6836,]	4.900000e+01	4.410000e+02	0	0
##	[6837,]	0.000000e+00	0.000000e+00	0	0
##	[6838,]	0.000000e+00	1.000000e+00	0	0
##	[6839,]	0.000000e+00	0.000000e+00	0	0
##	[6840,]	0.000000e+00	0.000000e+00	0	0
##	[6841,]	9.082090e+05	9.698310e+07	53824	25
##	[6842,]	2.500000e+01	2.890000e+02	0	0
##	[6843,]	0.000000e+00	0.000000e+00	0	0
##	[6844,]	0.000000e+00	0.000000e+00	0	0
##	[6845,]	0.000000e+00	0.000000e+00	0	0
##	[6846,]	4.574893e+08	1.737783e+10	5026564	529
##	[6847,]	0.000000e+00	0.000000e+00	0	0
##	[6848,]	0.000000e+00	1.000000e+00	0	0
##	[6849,]	0.000000e+00	2.500000e+01	0	0
##	[6850,]	9.000000e+00	1.822500e+04	9	1

##	[6851,]	0.000000e+00	0.000000e+00	0	0
##	[6852,]	1.489960e+05	9.000000e+00	0	0
##	[6853,]	0.000000e+00	0.000000e+00	0	0
##	[6854,]	0.000000e+00	0.000000e+00	0	0
##	[6855,]	0.000000e+00	0.000000e+00	0	0
##	[6856,]	0.000000e+00	0.000000e+00	0	0
##	[6857,]	0.000000e+00	0.000000e+00	0	0
##	[6858,]	0.000000e+00	0.000000e+00	0	0
##	[6859,]	0.000000e+00	0.000000e+00	0	0
##	[6860,]	0.000000e+00	0.000000e+00	0	0
##	[6861,]	1.493050e+07	1.524122e+07	25	0
##	[6862,]	0.000000e+00	0.000000e+00	0	0
##	[6863,]	0.000000e+00	0.000000e+00	0	0
##	[6864,]	0.000000e+00	0.000000e+00	0	0
##	[6865,]	0.000000e+00	0.000000e+00	0	0
##	[6866,]	0.000000e+00	0.000000e+00	0	0
##	[6867,]	0.000000e+00	0.000000e+00	0	0
##	[6868,]	0.000000e+00	0.000000e+00	0	0
##	[6869,]	1.600000e+01	4.900000e+01	0	0
##	[6870,]	0.000000e+00	0.000000e+00	0	0
##	[6871,]	2.699449e+06	6.444878e+07	441	0
##	[6872,]	0.000000e+00	0.000000e+00	0	0
##	[6873,]	0.000000e+00	0.000000e+00	0	0
##	[6874,]	0.000000e+00	0.000000e+00	0	0
##	[6875,]	0.000000e+00	0.000000e+00	0	0
##	[6876,]	0.000000e+00	0.000000e+00	0	0
##	[6877,]	0.000000e+00	0.000000e+00	0	0
##	[6878,]	2.500000e+01	1.440000e+02	0	0
##	[6879,]	0.000000e+00	0.000000e+00	0	0
##	[6880,]	0.000000e+00	0.000000e+00	0	0
##	[6881,]	0.000000e+00	0.000000e+00	0	0
##	[6882,]	0.000000e+00	1.000000e+00	0	0
##	[6883,]	0.000000e+00	0.000000e+00	0	0
##	[6884,]	0.000000e+00	0.000000e+00	0	0
##	[6885,]	0.000000e+00	4.000000e+02	0	0
##	[6886,]	0.000000e+00	0.000000e+00	0	0
##	[6887,]	1.024000e+03	1.988100e+04	9	0
##	[6888,]	0.000000e+00	9.000000e+00	0	0
##	[6889,]	0.000000e+00	0.000000e+00	0	0
##	[6890,]	1.360134e+07	6.464815e+08	68121	4
##	[6891,]	0.000000e+00	0.000000e+00	0	0
##	[6892,]	9.000000e+00	4.761000e+03	1	0
##	[6893,]	1.600000e+01	2.500000e+01	0	0
##	[6894,]	0.000000e+00	0.000000e+00	0	0
##	[6895,]	0.000000e+00	0.000000e+00	0	0
##	[6896,]	2.294410e+05	3.318912e+07	12996	1
##	[6897,]	1.058224e+08	5.010799e+09	1052676	121
##	[6898,]	0.000000e+00	9.000000e+00	0	0
##	[6899,]	0.000000e+00	0.000000e+00	0	0
##	[6900,]	0.000000e+00	0.000000e+00	0	0
##	[6901,]	0.000000e+00	0.000000e+00	0	0
##	[6902,]	9.102289e+06	4.043317e+08	131769	16
##	[6903,]	1.000000e+00	1.600000e+01	0	0
##	[6904,]	4.120900e+04	6.625476e+06	2809	4

##	[6905,]	0.000000e+00	4.410000e+02	0	1
##	[6906,]	0.000000e+00	0.000000e+00	0	0
##	[6907,]	0.000000e+00	0.000000e+00	0	0
##	[6908,]	0.000000e+00	0.000000e+00	0	0
##	[6909,]	0.000000e+00	0.000000e+00	0	0
##	[6910,]	0.000000e+00	0.000000e+00	0	0
##	[6911,]	0.000000e+00	0.000000e+00	0	0
##	[6912,]	2.103140e+07	6.760000e+02	0	0
##	[6913,]	1.000000e+00	0.000000e+00	0	0
##	[6914,]	0.000000e+00	0.000000e+00	0	0
##	[6915,]	0.000000e+00	0.000000e+00	0	0
##	[6916,]	0.000000e+00	0.000000e+00	0	0
##	[6917,]	0.000000e+00	0.000000e+00	0	0
##	[6918,]	0.000000e+00	0.000000e+00	0	0
##	[6919,]	0.000000e+00	0.000000e+00	0	0
##	[6920,]	0.000000e+00	0.000000e+00	0	0
##	[6921,]	0.000000e+00	0.000000e+00	0	0
##	[6922,]	0.000000e+00	1.000000e+00	0	0
##	[6923,]	0.000000e+00	0.000000e+00	0	0
##	[6924,]	0.000000e+00	1.000000e+00	0	0
##	[6925,]	1.188100e+04	8.372250e+05	625	4
##	[6926,]	0.000000e+00	0.000000e+00	0	0
##	[6927,]	0.000000e+00	3.610000e+02	0	0
##	[6928,]	0.000000e+00	1.000000e+00	0	0
##	[6929,]	3.564544e+06	9.377986e+07	68121	9
##	[6930,]	0.000000e+00	0.000000e+00	0	0
##	[6931,]	4.225000e+03	1.115560e+05	729	0
##	[6932,]	0.000000e+00	0.000000e+00	0	0
##	[6933,]	1.408969e+06	1.535072e+07	28561	4
##	[6934,]	0.000000e+00	0.000000e+00	0	0
##	[6935,]	0.000000e+00	0.000000e+00	0	0
##	[6936,]	0.000000e+00	9.000000e+00	1	0
##	[6937,]	0.000000e+00	0.000000e+00	0	0
##	[6938,]	0.000000e+00	4.000000e+00	0	0
##	[6939,]	0.000000e+00	0.000000e+00	0	0
##	[6940,]	0.000000e+00	0.000000e+00	0	0
##	[6941,]	0.000000e+00	0.000000e+00	0	0
##	[6942,]	1.747684e+06	3.617604e+06	26244	1
##	[6943,]	0.000000e+00	0.000000e+00	0	0
##	[6944,]	0.000000e+00	0.000000e+00	0	0
##	[6945,]	0.000000e+00	9.000000e+00	1	0
##	[6946,]	0.000000e+00	0.000000e+00	0	0
##	[6947,]	4.225000e+03	1.512900e+04	100	0
##	[6948,]	0.000000e+00	0.000000e+00	0	0
##	[6949,]	0.000000e+00	0.000000e+00	0	0
##	[6950,]	0.000000e+00	4.000000e+00	0	0
##	[6951,]	0.000000e+00	0.000000e+00	0	0
##	[6952,]	0.000000e+00	0.000000e+00	0	0
##	[6953,]	0.000000e+00	0.000000e+00	0	0
##	[6954,]	0.000000e+00	0.000000e+00	0	0
##	[6955,]	0.000000e+00	0.000000e+00	0	0
##	[6956,]	1.098094e+08	1.430655e+08	676	0
##	[6957,]	0.000000e+00	0.000000e+00	0	0
##	[6958,]	1.000000e+02	3.610000e+02	0	0

##	[6959,]	0.000000e+00	0.000000e+00	0	0
##	[6960,]	0.000000e+00	0.000000e+00	0	0
##	[6961,]	0.000000e+00	0.000000e+00	0	0
##	[6962,]	4.000000e+00	1.440000e+02	1	0
##	[6963,]	0.000000e+00	0.000000e+00	0	0
##	[6964,]	5.314410e+05	1.697440e+07	41209	4
##	[6965,]	0.000000e+00	0.000000e+00	0	0
##	[6966,]	2.668976e+08	3.157091e+09	5841889	676
##	[6967,]	0.000000e+00	1.000000e+00	1	0
##	[6968,]	0.000000e+00	0.000000e+00	0	0
##	[6969,]	4.000000e+00	4.000000e+00	0	0
##	[6970,]	4.000000e+00	7.569000e+03	16	0
##	[6971,]	0.000000e+00	0.000000e+00	0	0
##	[6972,]	0.000000e+00	0.000000e+00	0	0
##	[6973,]	0.000000e+00	0.000000e+00	0	0
##	[6974,]	0.000000e+00	0.000000e+00	0	0
##	[6975,]	0.000000e+00	0.000000e+00	0	0
##	[6976,]	0.000000e+00	0.000000e+00	0	0
##	[6977,]	0.000000e+00	0.000000e+00	0	0
##	[6978,]	5.712100e+04	4.000000e+00	0	0
##	[6979,]	0.000000e+00	0.000000e+00	0	0
##	[6980,]	0.000000e+00	0.000000e+00	0	0
##	[6981,]	0.000000e+00	0.000000e+00	0	0
##	[6982,]	0.000000e+00	0.000000e+00	0	0
##	[6983,]	0.000000e+00	0.000000e+00	0	0
##	[6984,]	0.000000e+00	0.000000e+00	0	0
##	[6985,]	1.000000e+00	0.000000e+00	0	0
##	[6986,]	1.000000e+00	9.000000e+00	0	0
##	[6987,]	0.000000e+00	0.000000e+00	0	0
##	[6988,]	0.000000e+00	0.000000e+00	0	0
##	[6989,]	0.000000e+00	0.000000e+00	0	0
##	[6990,]	8.439025e+06	1.145146e+07	16	0
##	[6991,]	0.000000e+00	0.000000e+00	0	0
##	[6992,]	0.000000e+00	0.000000e+00	0	0
##	[6993,]	0.000000e+00	0.000000e+00	0	0
##	[6994,]	0.000000e+00	0.000000e+00	0	0
##	[6995,]	4.000000e+00	6.400000e+01	0	0
##	[6996,]	0.000000e+00	0.000000e+00	0	0
##	[6997,]	0.000000e+00	0.000000e+00	0	0
##	[6998,]	1.520289e+06	3.048144e+07	256	1
##	[6999,]	0.000000e+00	0.000000e+00	0	0
##	[7000,]	0.000000e+00	0.000000e+00	0	0
##	[7001,]	0.000000e+00	0.000000e+00	0	0
##	[7002,]	0.000000e+00	0.000000e+00	0	0
##	[7003,]	0.000000e+00	1.000000e+00	0	0
##	[7004,]	2.250000e+02	3.969000e+03	9	0
##	[7005,]	0.000000e+00	0.000000e+00	0	0
##	[7006,]	0.000000e+00	0.000000e+00	0	0
##	[7007,]	0.000000e+00	0.000000e+00	0	0
##	[7008,]	1.000000e+00	1.210000e+02	0	0
##	[7009,]	7.958041e+06	1.178744e+08	91809	0
##	[7010,]	0.000000e+00	0.000000e+00	0	0
##	[7011,]	4.000000e+00	0.000000e+00	0	0
##	[7012,]	1.000000e+00	2.209000e+03	4	0

##	[7013,]	1.303210e+05	5.391684e+06	9604	0
##	[7014,]	0.000000e+00	0.000000e+00	0	0
##	[7015,]	0.000000e+00	0.000000e+00	0	0
##	[7016,]	6.099610e+07	8.352678e+08	1274641	64
##	[7017,]	4.000000e+00	3.600000e+01	1	0
##	[7018,]	0.000000e+00	0.000000e+00	0	0
##	[7019,]	0.000000e+00	0.000000e+00	0	0
##	[7020,]	0.000000e+00	0.000000e+00	0	0
##	[7021,]	0.000000e+00	1.000000e+02	1	0
##	[7022,]	0.000000e+00	0.000000e+00	0	0
##	[7023,]	0.000000e+00	0.000000e+00	0	0
##	[7024,]	0.000000e+00	0.000000e+00	0	0
##	[7025,]	0.000000e+00	0.000000e+00	0	0
##	[7026,]	4.682896e+06	6.603188e+07	178084	16
##	[7027,]	1.932100e+04	1.048576e+06	2116	1
##	[7028,]	0.000000e+00	0.000000e+00	0	0
##	[7029,]	0.000000e+00	0.000000e+00	0	0
##	[7030,]	0.000000e+00	9.000000e+00	0	0
##	[7031,]	0.000000e+00	0.000000e+00	0	0
##	[7032,]	1.000000e+00	0.000000e+00	0	0
##	[7033,]	0.000000e+00	0.000000e+00	0	0
##	[7034,]	1.110222e+07	1.440000e+02	0	0
##	[7035,]	0.000000e+00	0.000000e+00	0	0
##	[7036,]	0.000000e+00	0.000000e+00	0	0
##	[7037,]	0.000000e+00	0.000000e+00	0	0
##	[7038,]	0.000000e+00	0.000000e+00	0	0
##	[7039,]	0.000000e+00	0.000000e+00	0	0
##	[7040,]	0.000000e+00	0.000000e+00	0	0
##	[7041,]	0.000000e+00	4.000000e+00	0	0
##	[7042,]	0.000000e+00	0.000000e+00	0	0
##	[7043,]	0.000000e+00	0.000000e+00	0	0
##	[7044,]	0.000000e+00	1.210000e+02	1	0
##	[7045,]	2.343961e+06	2.158532e+07	57121	25
##	[7046,]	0.000000e+00	0.000000e+00	0	0
##	[7047,]	0.000000e+00	0.000000e+00	0	0
##	[7048,]	0.000000e+00	0.000000e+00	0	0
##	[7049,]	1.000000e+04	1.831840e+05	576	1
##	[7050,]	0.000000e+00	0.000000e+00	0	0
##	[7051,]	3.136000e+03	4.284900e+04	289	0
##	[7052,]	0.000000e+00	4.000000e+00	0	0
##	[7053,]	0.000000e+00	0.000000e+00	0	0
##	[7054,]	0.000000e+00	0.000000e+00	0	0
##	[7055,]	0.000000e+00	0.000000e+00	0	0
##	[7056,]	0.000000e+00	2.500000e+01	0	0
##	[7057,]	9.721960e+05	5.198400e+06	38416	25
##	[7058,]	0.000000e+00	0.000000e+00	0	0
##	[7059,]	0.000000e+00	0.000000e+00	0	0
##	[7060,]	0.000000e+00	0.000000e+00	1	0
##	[7061,]	0.000000e+00	0.000000e+00	0	0
##	[7062,]	0.000000e+00	0.000000e+00	0	0
##	[7063,]	0.000000e+00	0.000000e+00	0	0
##	[7064,]	0.000000e+00	0.000000e+00	0	0
##	[7065,]	3.364000e+03	5.776000e+03	225	0
##	[7066,]	1.050625e+06	1.898884e+06	16384	16

##	[7067,]	0.000000e+00	0.000000e+00	0	0
##	[7068,]	0.000000e+00	1.000000e+00	0	0
##	[7069,]	0.000000e+00	0.000000e+00	0	0
##	[7070,]	0.000000e+00	9.000000e+00	0	0
##	[7071,]	1.600000e+01	1.210000e+02	0	0
##	[7072,]	0.000000e+00	0.000000e+00	0	0
##	[7073,]	1.000000e+00	0.000000e+00	0	0
##	[7074,]	0.000000e+00	0.000000e+00	0	0
##	[7075,]	0.000000e+00	0.000000e+00	0	0
##	[7076,]	0.000000e+00	0.000000e+00	0	0
##	[7077,]	0.000000e+00	0.000000e+00	0	0
##	[7078,]	0.000000e+00	0.000000e+00	0	0
##	[7079,]	0.000000e+00	0.000000e+00	0	0
##	[7080,]	5.942868e+07	7.954856e+07	400	1
##	[7081,]	0.000000e+00	2.116000e+03	100	0
##	[7082,]	1.162515e+08	7.240405e+08	8305924	484
##	[7083,]	5.285290e+05	2.483776e+06	49284	4
##	[7084,]	0.000000e+00	0.000000e+00	0	0
##	[7085,]	0.000000e+00	0.000000e+00	0	0
##	[7086,]	0.000000e+00	0.000000e+00	0	0
##	[7087,]	4.000000e+00	4.900000e+01	1	1
##	[7088,]	0.000000e+00	0.000000e+00	0	0
##	[7089,]	0.000000e+00	0.000000e+00	0	0
##	[7090,]	1.000000e+00	0.000000e+00	1	0
##	[7091,]	0.000000e+00	0.000000e+00	0	0
##	[7092,]	0.000000e+00	0.000000e+00	0	0
##	[7093,]	0.000000e+00	0.000000e+00	0	0
##	[7094,]	0.000000e+00	0.000000e+00	0	0
##	[7095,]	0.000000e+00	0.000000e+00	0	0
##	[7096,]	0.000000e+00	0.000000e+00	0	0
##	[7097,]	0.000000e+00	0.000000e+00	0	0
##	[7098,]	2.088490e+05	2.500000e+01	0	0
##	[7099,]	0.000000e+00	0.000000e+00	0	0
##	[7100,]	0.000000e+00	0.000000e+00	0	0
##	[7101,]	0.000000e+00	0.000000e+00	0	0
##	[7102,]	0.000000e+00	0.000000e+00	0	0
##	[7103,]	0.000000e+00	0.000000e+00	0	0
##	[7104,]	3.686400e+06	5.522500e+06	64	0
##	[7105,]	0.000000e+00	0.000000e+00	0	0
##	[7106,]	0.000000e+00	0.000000e+00	0	0
##	[7107,]	9.000000e+00	1.600000e+01	0	0
##	[7108,]	0.000000e+00	0.000000e+00	0	0
##	[7109,]	0.000000e+00	0.000000e+00	0	0
##	[7110,]	0.000000e+00	0.000000e+00	0	0
##	[7111,]	0.000000e+00	0.000000e+00	0	0
##	[7112,]	0.000000e+00	0.000000e+00	0	0
##	[7113,]	5.256250e+05	1.286657e+07	36	0
##	[7114,]	0.000000e+00	0.000000e+00	0	0
##	[7115,]	0.000000e+00	1.000000e+00	0	0
##	[7116,]	1.210000e+02	1.600000e+01	0	0
##	[7117,]	0.000000e+00	0.000000e+00	0	0
##	[7118,]	0.000000e+00	0.000000e+00	0	0
##	[7119,]	0.000000e+00	0.000000e+00	0	0
##	[7120,]	0.000000e+00	0.000000e+00	0	0

##	[7121,]	0.000000e+00	4.900000e+01	1	0
##	[7122,]	2.676496e+06	2.419656e+07	134689	4
##	[7123,]	0.000000e+00	0.000000e+00	0	0
##	[7124,]	0.000000e+00	0.000000e+00	0	0
##	[7125,]	0.000000e+00	0.000000e+00	0	0
##	[7126,]	0.000000e+00	0.000000e+00	0	0
##	[7127,]	5.290000e+02	9.000000e+02	1	0
##	[7128,]	0.000000e+00	0.000000e+00	0	0
##	[7129,]	0.000000e+00	0.000000e+00	0	0
##	[7130,]	0.000000e+00	9.000000e+00	0	0
##	[7131,]	0.000000e+00	0.000000e+00	0	0
##	[7132,]	4.000000e+00	4.000000e+00	0	1
##	[7133,]	2.338690e+07	1.625370e+08	1488400	49
##	[7134,]	0.000000e+00	4.000000e+02	16	0
##	[7135,]	0.000000e+00	0.000000e+00	0	0
##	[7136,]	0.000000e+00	0.000000e+00	0	0
##	[7137,]	1.069290e+05	7.276090e+05	16900	0
##	[7138,]	0.000000e+00	0.000000e+00	0	0
##	[7139,]	0.000000e+00	0.000000e+00	0	0
##	[7140,]	0.000000e+00	0.000000e+00	0	0
##	[7141,]	0.000000e+00	1.210000e+02	4	0
##	[7142,]	2.656900e+04	1.354240e+05	2209	0
##	[7143,]	0.000000e+00	0.000000e+00	0	0
##	[7144,]	0.000000e+00	0.000000e+00	0	0
##	[7145,]	2.343961e+06	1.594405e+07	292681	49
##	[7146,]	1.000000e+00	0.000000e+00	1	0
##	[7147,]	0.000000e+00	1.000000e+00	0	0
##	[7148,]	0.000000e+00	0.000000e+00	0	0
##	[7149,]	0.000000e+00	0.000000e+00	0	0
##	[7150,]	0.000000e+00	0.000000e+00	0	0
##	[7151,]	1.000000e+00	0.000000e+00	0	0
##	[7152,]	0.000000e+00	0.000000e+00	0	0
##	[7153,]	6.195121e+06	4.840000e+02	0	0
##	[7154,]	0.000000e+00	0.000000e+00	0	0
##	[7155,]	0.000000e+00	0.000000e+00	0	0
##	[7156,]	0.000000e+00	0.000000e+00	0	0
##	[7157,]	0.000000e+00	0.000000e+00	0	0
##	[7158,]	0.000000e+00	0.000000e+00	0	0
##	[7159,]	0.000000e+00	0.000000e+00	0	0
##	[7160,]	0.000000e+00	0.000000e+00	0	0
##	[7161,]	0.000000e+00	0.000000e+00	0	0
##	[7162,]	0.000000e+00	0.000000e+00	1	0
##	[7163,]	0.000000e+00	0.000000e+00	0	0
##	[7164,]	0.000000e+00	0.000000e+00	0	0
##	[7165,]	0.000000e+00	0.000000e+00	0	0
##	[7166,]	1.254400e+04	3.062500e+04	324	1
##	[7167,]	1.392400e+06	6.890625e+06	87616	16
##	[7168,]	0.000000e+00	2.500000e+01	1	0
##	[7169,]	0.000000e+00	0.000000e+00	0	0
##	[7170,]	0.000000e+00	0.000000e+00	0	0
##	[7171,]	5.882890e+05	2.595321e+06	63001	4
##	[7172,]	0.000000e+00	0.000000e+00	0	0
##	[7173,]	0.000000e+00	1.000000e+00	0	0
##	[7174,]	0.000000e+00	0.000000e+00	0	0

##	[7175,]	0.000000e+00	0.000000e+00	1	0
##	[7176,]	0.000000e+00	0.000000e+00	0	0
##	[7177,]	0.000000e+00	0.000000e+00	0	0
##	[7178,]	3.249000e+03	1.166400e+04	121	1
##	[7179,]	0.000000e+00	0.000000e+00	0	0
##	[7180,]	0.000000e+00	0.000000e+00	0	0
##	[7181,]	0.000000e+00	0.000000e+00	0	0
##	[7182,]	6.922240e+05	1.022121e+06	42849	0
##	[7183,]	0.000000e+00	0.000000e+00	0	0
##	[7184,]	0.000000e+00	0.000000e+00	0	0
##	[7185,]	0.000000e+00	0.000000e+00	0	0
##	[7186,]	0.000000e+00	0.000000e+00	0	0
##	[7187,]	2.025000e+03	1.764000e+03	225	0
##	[7188,]	0.000000e+00	9.000000e+00	1	0
##	[7189,]	0.000000e+00	0.000000e+00	0	0
##	[7190,]	0.000000e+00	0.000000e+00	0	0
##	[7191,]	2.250000e+02	6.400000e+01	0	0
##	[7192,]	3.125928e+07	3.556930e+07	196	0
##	[7193,]	0.000000e+00	0.000000e+00	0	0
##	[7194,]	0.000000e+00	0.000000e+00	0	0
##	[7195,]	0.000000e+00	0.000000e+00	0	0
##	[7196,]	0.000000e+00	0.000000e+00	0	0
##	[7197,]	0.000000e+00	1.000000e+00	0	0
##	[7198,]	0.000000e+00	0.000000e+00	0	0
##	[7199,]	0.000000e+00	0.000000e+00	0	0
##	[7200,]	0.000000e+00	0.000000e+00	0	0
##	[7201,]	4.000000e+00	6.400000e+01	0	1
##	[7202,]	1.000000e+00	9.000000e+02	16	0
##	[7203,]	0.000000e+00	0.000000e+00	0	0
##	[7204,]	0.000000e+00	4.000000e+00	0	0
##	[7205,]	0.000000e+00	0.000000e+00	1	0
##	[7206,]	6.020208e+07	3.298582e+08	6290064	225
##	[7207,]	2.116000e+05	1.016064e+06	33489	4
##	[7208,]	0.000000e+00	0.000000e+00	0	0
##	[7209,]	4.000000e+00	4.000000e+00	4	0
##	[7210,]	0.000000e+00	0.000000e+00	0	0
##	[7211,]	0.000000e+00	0.000000e+00	0	0
##	[7212,]	0.000000e+00	0.000000e+00	0	0
##	[7213,]	0.000000e+00	0.000000e+00	0	0
##	[7214,]	0.000000e+00	0.000000e+00	0	0
##	[7215,]	0.000000e+00	0.000000e+00	0	0
##	[7216,]	0.000000e+00	0.000000e+00	0	0
##	[7217,]	0.000000e+00	0.000000e+00	0	0
##	[7218,]	0.000000e+00	0.000000e+00	0	0
##	[7219,]	1.303210e+05	1.600000e+01	0	0
##	[7220,]	0.000000e+00	0.000000e+00	0	0
##	[7221,]	1.849600e+06	3.980025e+06	9	0
##	[7222,]	0.000000e+00	0.000000e+00	0	0
##	[7223,]	0.000000e+00	0.000000e+00	0	0
##	[7224,]	0.000000e+00	0.000000e+00	0	0
##	[7225,]	0.000000e+00	0.000000e+00	0	0
##	[7226,]	0.000000e+00	0.000000e+00	0	0
##	[7227,]	0.000000e+00	0.000000e+00	0	0
##	[7228,]	9.000000e+00	1.600000e+01	0	0

##	[7229,]	0.000000e+00	0.000000e+00	0	0
##	[7230,]	0.000000e+00	0.000000e+00	0	0
##	[7231,]	0.000000e+00	0.000000e+00	0	0
##	[7232,]	1.944810e+05	6.806881e+06	25	0
##	[7233,]	0.000000e+00	0.000000e+00	0	0
##	[7234,]	0.000000e+00	0.000000e+00	0	0
##	[7235,]	0.000000e+00	0.000000e+00	0	0
##	[7236,]	4.000000e+00	1.600000e+01	0	0
##	[7237,]	0.000000e+00	0.000000e+00	0	0
##	[7238,]	0.000000e+00	0.000000e+00	0	0
##	[7239,]	0.000000e+00	0.000000e+00	0	0
##	[7240,]	0.000000e+00	0.000000e+00	0	0
##	[7241,]	0.000000e+00	0.000000e+00	0	0
##	[7242,]	0.000000e+00	9.000000e+00	0	0
##	[7243,]	0.000000e+00	0.000000e+00	0	0
##	[7244,]	0.000000e+00	0.000000e+00	0	0
##	[7245,]	1.301881e+06	9.072144e+06	77841	0
##	[7246,]	2.890000e+02	4.840000e+02	16	0
##	[7247,]	0.000000e+00	0.000000e+00	0	0
##	[7248,]	0.000000e+00	0.000000e+00	0	0
##	[7249,]	0.000000e+00	0.000000e+00	0	0
##	[7250,]	0.000000e+00	0.000000e+00	0	0
##	[7251,]	0.000000e+00	0.000000e+00	0	0
##	[7252,]	1.186802e+07	7.221600e+07	1181569	9
##	[7253,]	4.368100e+04	2.401000e+05	8281	0
##	[7254,]	0.000000e+00	0.000000e+00	0	0
##	[7255,]	0.000000e+00	9.000000e+00	0	0
##	[7256,]	0.000000e+00	0.000000e+00	0	0
##	[7257,]	4.000000e+00	1.000000e+00	1	0
##	[7258,]	0.000000e+00	0.000000e+00	0	0
##	[7259,]	0.000000e+00	1.960000e+02	4	0
##	[7260,]	0.000000e+00	0.000000e+00	0	0
##	[7261,]	0.000000e+00	1.600000e+01	0	1
##	[7262,]	0.000000e+00	0.000000e+00	0	0
##	[7263,]	0.000000e+00	0.000000e+00	0	0
##	[7264,]	0.000000e+00	4.000000e+00	0	0
##	[7265,]	1.000000e+00	8.100000e+01	0	0
##	[7266,]	0.000000e+00	0.000000e+00	0	0
##	[7267,]	8.464000e+03	5.953600e+04	2209	0
##	[7268,]	1.304164e+06	7.474756e+06	270400	4
##	[7269,]	0.000000e+00	0.000000e+00	0	0
##	[7270,]	0.000000e+00	0.000000e+00	0	0
##	[7271,]	0.000000e+00	0.000000e+00	0	0
##	[7272,]	0.000000e+00	0.000000e+00	0	0
##	[7273,]	0.000000e+00	0.000000e+00	0	0
##	[7274,]	0.000000e+00	0.000000e+00	0	0
##	[7275,]	0.000000e+00	0.000000e+00	0	0
##	[7276,]	0.000000e+00	0.000000e+00	0	0
##	[7277,]	1.600000e+01	0.000000e+00	0	0
##	[7278,]	0.000000e+00	0.000000e+00	0	0
##	[7279,]	0.000000e+00	0.000000e+00	0	0
##	[7280,]	2.499561e+06	6.250000e+02	0	0
##	[7281,]	1.000000e+00	1.000000e+00	0	0
##	[7282,]	0.000000e+00	0.000000e+00	0	0

##	[7283,]	0.000000e+00	0.000000e+00	0	0
##	[7284,]	3.600000e+03	1.795600e+04	289	0
##	[7285,]	7.938810e+05	3.621409e+06	67600	36
##	[7286,]	0.000000e+00	9.000000e+00	1	0
##	[7287,]	0.000000e+00	0.000000e+00	0	0
##	[7288,]	0.000000e+00	0.000000e+00	1	0
##	[7289,]	0.000000e+00	0.000000e+00	0	0
##	[7290,]	0.000000e+00	0.000000e+00	0	0
##	[7291,]	0.000000e+00	0.000000e+00	0	0
##	[7292,]	0.000000e+00	1.000000e+00	1	0
##	[7293,]	0.000000e+00	0.000000e+00	0	0
##	[7294,]	0.000000e+00	1.000000e+00	0	0
##	[7295,]	1.764000e+03	5.041000e+03	144	4
##	[7296,]	2.937640e+05	1.540081e+06	45369	9
##	[7297,]	0.000000e+00	0.000000e+00	0	0
##	[7298,]	0.000000e+00	0.000000e+00	0	0
##	[7299,]	0.000000e+00	0.000000e+00	0	0
##	[7300,]	1.000000e+00	0.000000e+00	0	0
##	[7301,]	0.000000e+00	0.000000e+00	0	0
##	[7302,]	0.000000e+00	0.000000e+00	0	0
##	[7303,]	0.000000e+00	0.000000e+00	0	0
##	[7304,]	0.000000e+00	0.000000e+00	0	0
##	[7305,]	0.000000e+00	0.000000e+00	0	0
##	[7306,]	0.000000e+00	0.000000e+00	0	0
##	[7307,]	1.600000e+03	2.209000e+03	144	0
##	[7308,]	3.576040e+05	5.990760e+05	22201	1
##	[7309,]	0.000000e+00	0.000000e+00	1	0
##	[7310,]	0.000000e+00	0.000000e+00	0	0
##	[7311,]	8.100000e+01	6.400000e+01	0	0
##	[7312,]	0.000000e+00	0.000000e+00	0	0
##	[7313,]	0.000000e+00	0.000000e+00	0	0
##	[7314,]	0.000000e+00	0.000000e+00	0	0
##	[7315,]	0.000000e+00	0.000000e+00	0	0
##	[7316,]	0.000000e+00	0.000000e+00	0	0
##	[7317,]	1.401005e+07	2.146469e+07	64	0
##	[7318,]	0.000000e+00	0.000000e+00	0	0
##	[7319,]	0.000000e+00	0.000000e+00	0	0
##	[7320,]	0.000000e+00	0.000000e+00	0	0
##	[7321,]	0.000000e+00	0.000000e+00	0	0
##	[7322,]	8.236900e+04	4.928040e+05	25600	400
##	[7323,]	3.364000e+03	3.648100e+04	484	4
##	[7324,]	0.000000e+00	3.610000e+02	36	0
##	[7325,]	0.000000e+00	0.000000e+00	0	0
##	[7326,]	0.000000e+00	0.000000e+00	0	0
##	[7327,]	0.000000e+00	0.000000e+00	1	0
##	[7328,]	4.000000e+00	3.600000e+01	0	0
##	[7329,]	0.000000e+00	0.000000e+00	0	0
##	[7330,]	3.355885e+07	2.220994e+08	10010896	225
##	[7331,]	0.000000e+00	0.000000e+00	0	0
##	[7332,]	9.060100e+04	2.500000e+01	0	0
##	[7333,]	0.000000e+00	0.000000e+00	0	0
##	[7334,]	0.000000e+00	0.000000e+00	0	0
##	[7335,]	0.000000e+00	0.000000e+00	0	0
##	[7336,]	0.000000e+00	0.000000e+00	0	0

##	[7337,]	0.000000e+00	0.000000e+00	0	0
##	[7338,]	0.000000e+00	0.000000e+00	0	0
##	[7339,]	0.000000e+00	0.000000e+00	0	0
##	[7340,]	0.000000e+00	0.000000e+00	0	0
##	[7341,]	0.000000e+00	0.000000e+00	0	0
##	[7342,]	4.000000e+00	9.000000e+00	0	0
##	[7343,]	0.000000e+00	0.000000e+00	0	0
##	[7344,]	7.726410e+05	2.496400e+06	16	0
##	[7345,]	0.000000e+00	0.000000e+00	0	0
##	[7346,]	0.000000e+00	0.000000e+00	0	0
##	[7347,]	0.000000e+00	0.000000e+00	0	0
##	[7348,]	0.000000e+00	0.000000e+00	0	0
##	[7349,]	0.000000e+00	0.000000e+00	0	0
##	[7350,]	0.000000e+00	0.000000e+00	0	0
##	[7351,]	0.000000e+00	0.000000e+00	0	0
##	[7352,]	0.000000e+00	0.000000e+00	0	0
##	[7353,]	0.000000e+00	0.000000e+00	0	0
##	[7354,]	0.000000e+00	0.000000e+00	0	0
##	[7355,]	0.000000e+00	0.000000e+00	0	0
##	[7356,]	0.000000e+00	0.000000e+00	0	0
##	[7357,]	0.000000e+00	0.000000e+00	0	0
##	[7358,]	1.043290e+05	4.255969e+06	49	0
##	[7359,]	0.000000e+00	1.000000e+00	0	0
##	[7360,]	1.600000e+01	4.000000e+00	0	0
##	[7361,]	0.000000e+00	1.000000e+00	0	0
##	[7362,]	0.000000e+00	0.000000e+00	0	0
##	[7363,]	0.000000e+00	0.000000e+00	0	0
##	[7364,]	1.600000e+01	1.440000e+02	16	0
##	[7365,]	0.000000e+00	4.000000e+00	0	0
##	[7366,]	1.600000e+01	8.100000e+01	1	0
##	[7367,]	0.000000e+00	0.000000e+00	0	0
##	[7368,]	0.000000e+00	0.000000e+00	0	0
##	[7369,]	7.310250e+05	5.555449e+06	142129	1
##	[7370,]	0.000000e+00	0.000000e+00	0	0
##	[7371,]	2.310400e+04	1.190250e+05	6561	16
##	[7372,]	6.702921e+06	4.499726e+07	1846881	25
##	[7373,]	1.000000e+00	4.000000e+00	0	0
##	[7374,]	0.000000e+00	0.000000e+00	0	0
##	[7375,]	0.000000e+00	0.000000e+00	0	0
##	[7376,]	0.000000e+00	0.000000e+00	0	0
##	[7377,]	0.000000e+00	6.400000e+01	0	0
##	[7378,]	1.156000e+03	7.569000e+03	36	0
##	[7379,]	0.000000e+00	0.000000e+00	0	0
##	[7380,]	0.000000e+00	0.000000e+00	1	0
##	[7381,]	0.000000e+00	1.000000e+00	0	0
##	[7382,]	0.000000e+00	0.000000e+00	0	0
##	[7383,]	0.000000e+00	0.000000e+00	0	0
##	[7384,]	1.690000e+02	2.601000e+03	64	0
##	[7385,]	0.000000e+00	0.000000e+00	0	0
##	[7386,]	3.969000e+03	2.402500e+04	729	4
##	[7387,]	6.272640e+05	5.503716e+06	339889	4
##	[7388,]	0.000000e+00	0.000000e+00	0	0
##	[7389,]	0.000000e+00	1.600000e+01	16	0
##	[7390,]	0.000000e+00	0.000000e+00	0	0

##	[7391,]	0.000000e+00	0.000000e+00	0	0
##	[7392,]	1.311025e+06	2.560000e+02	0	0
##	[7393,]	0.000000e+00	0.000000e+00	0	0
##	[7394,]	0.000000e+00	0.000000e+00	0	0
##	[7395,]	4.000000e+00	0.000000e+00	0	0
##	[7396,]	0.000000e+00	0.000000e+00	0	0
##	[7397,]	0.000000e+00	0.000000e+00	0	0
##	[7398,]	0.000000e+00	0.000000e+00	0	0
##	[7399,]	0.000000e+00	0.000000e+00	0	0
##	[7400,]	0.000000e+00	0.000000e+00	0	0
##	[7401,]	0.000000e+00	0.000000e+00	0	0
##	[7402,]	0.000000e+00	0.000000e+00	0	0
##	[7403,]	1.089000e+03	1.144900e+04	625	81
##	[7404,]	0.000000e+00	0.000000e+00	0	0
##	[7405,]	0.000000e+00	9.000000e+00	1	0
##	[7406,]	0.000000e+00	0.000000e+00	0	0
##	[7407,]	4.802490e+05	2.903616e+06	130321	25
##	[7408,]	4.000000e+00	8.410000e+02	25	4
##	[7409,]	0.000000e+00	1.000000e+00	0	0
##	[7410,]	0.000000e+00	0.000000e+00	0	0
##	[7411,]	0.000000e+00	0.000000e+00	0	0
##	[7412,]	6.250000e+02	3.364000e+03	400	25
##	[7413,]	2.500000e+01	1.000000e+02	4	0
##	[7414,]	0.000000e+00	1.000000e+00	0	0
##	[7415,]	0.000000e+00	0.000000e+00	0	0
##	[7416,]	0.000000e+00	0.000000e+00	0	0
##	[7417,]	0.000000e+00	4.000000e+00	0	0
##	[7418,]	0.000000e+00	0.000000e+00	0	0
##	[7419,]	1.713960e+05	1.192464e+06	71824	4
##	[7420,]	0.000000e+00	0.000000e+00	0	0
##	[7421,]	0.000000e+00	0.000000e+00	0	0
##	[7422,]	2.025000e+05	4.844160e+05	46656	0
##	[7423,]	1.000000e+02	6.250000e+02	9	0
##	[7424,]	0.000000e+00	0.000000e+00	1	0
##	[7425,]	1.000000e+00	0.000000e+00	0	0
##	[7426,]	0.000000e+00	0.000000e+00	0	0
##	[7427,]	0.000000e+00	2.500000e+01	0	0
##	[7428,]	0.000000e+00	0.000000e+00	0	0
##	[7429,]	0.000000e+00	0.000000e+00	0	0
##	[7430,]	0.000000e+00	0.000000e+00	0	0
##	[7431,]	0.000000e+00	0.000000e+00	0	0
##	[7432,]	0.000000e+00	0.000000e+00	0	0
##	[7433,]	0.000000e+00	0.000000e+00	0	0
##	[7434,]	0.000000e+00	0.000000e+00	0	0
##	[7435,]	0.000000e+00	0.000000e+00	0	0
##	[7436,]	7.011904e+06	1.342490e+07	121	0
##	[7437,]	0.000000e+00	0.000000e+00	0	0
##	[7438,]	0.000000e+00	0.000000e+00	0	0
##	[7439,]	0.000000e+00	1.000000e+00	0	0
##	[7440,]	6.400000e+01	2.500000e+01	0	0
##	[7441,]	1.849000e+03	1.562500e+04	729	4
##	[7442,]	0.000000e+00	2.500000e+01	0	0
##	[7443,]	1.000000e+00	3.240000e+02	9	0
##	[7444,]	1.000000e+00	0.000000e+00	0	0

##	[7445,]	0.000000e+00	0.000000e+00	0	0
##	[7446,]	0.000000e+00	0.000000e+00	0	0
##	[7447,]	0.000000e+00	0.000000e+00	0	0
##	[7448,]	4.040100e+04	2.371690e+05	48841	4
##	[7449,]	1.592010e+07	1.509458e+08	9991921	196
##	[7450,]	0.000000e+00	0.000000e+00	0	0
##	[7451,]	0.000000e+00	0.000000e+00	0	0
##	[7452,]	0.000000e+00	0.000000e+00	0	0
##	[7453,]	0.000000e+00	0.000000e+00	0	0
##	[7454,]	0.000000e+00	0.000000e+00	0	0
##	[7455,]	0.000000e+00	0.000000e+00	0	0
##	[7456,]	0.000000e+00	0.000000e+00	0	0
##	[7457,]	0.000000e+00	0.000000e+00	0	0
##	[7458,]	0.000000e+00	0.000000e+00	0	0
##	[7459,]	5.569600e+04	4.900000e+01	0	0
##	[7460,]	0.000000e+00	0.000000e+00	0	0
##	[7461,]	0.000000e+00	1.000000e+00	0	0
##	[7462,]	0.000000e+00	0.000000e+00	0	0
##	[7463,]	0.000000e+00	0.000000e+00	0	0
##	[7464,]	0.000000e+00	0.000000e+00	0	0
##	[7465,]	0.000000e+00	0.000000e+00	0	0
##	[7466,]	0.000000e+00	0.000000e+00	0	0
##	[7467,]	5.256250e+05	1.473796e+06	9	0
##	[7468,]	0.000000e+00	0.000000e+00	0	0
##	[7469,]	0.000000e+00	0.000000e+00	0	0
##	[7470,]	0.000000e+00	0.000000e+00	0	0
##	[7471,]	0.000000e+00	0.000000e+00	0	0
##	[7472,]	0.000000e+00	0.000000e+00	0	0
##	[7473,]	5.382400e+04	2.093809e+06	81	0
##	[7474,]	0.000000e+00	1.600000e+01	0	0
##	[7475,]	0.000000e+00	0.000000e+00	0	0
##	[7476,]	0.000000e+00	0.000000e+00	0	0
##	[7477,]	0.000000e+00	0.000000e+00	0	0
##	[7478,]	0.000000e+00	0.000000e+00	0	0
##	[7479,]	0.000000e+00	0.000000e+00	0	0
##	[7480,]	0.000000e+00	0.000000e+00	0	0
##	[7481,]	0.000000e+00	0.000000e+00	0	0
##	[7482,]	0.000000e+00	0.000000e+00	0	0
##	[7483,]	8.100000e+01	8.100000e+01	16	0
##	[7484,]	3.600000e+01	1.000000e+02	1	0
##	[7485,]	0.000000e+00	0.000000e+00	0	0
##	[7486,]	0.000000e+00	0.000000e+00	0	0
##	[7487,]	0.000000e+00	2.500000e+01	0	0
##	[7488,]	2.809000e+05	2.996361e+06	132496	4
##	[7489,]	0.000000e+00	0.000000e+00	0	0
##	[7490,]	0.000000e+00	0.000000e+00	0	0
##	[7491,]	0.000000e+00	0.000000e+00	0	0
##	[7492,]	1.000000e+00	0.000000e+00	0	0
##	[7493,]	0.000000e+00	4.900000e+01	1	0
##	[7494,]	0.000000e+00	2.500000e+01	0	0
##	[7495,]	0.000000e+00	0.000000e+00	0	0
##	[7496,]	0.000000e+00	0.000000e+00	0	0
##	[7497,]	8.281000e+03	5.712100e+04	7396	1
##	[7498,]	0.000000e+00	0.000000e+00	0	0

##	[7499,]	3.240000e+02	2.809000e+03	64	1
##	[7500,]	3.189796e+06	3.065837e+07	1857769	25
##	[7501,]	0.000000e+00	0.000000e+00	0	0
##	[7502,]	0.000000e+00	0.000000e+00	0	0
##	[7503,]	3.881290e+05	3.928324e+06	389376	4
##	[7504,]	2.704000e+03	1.102500e+04	2704	0
##	[7505,]	1.000000e+00	1.600000e+01	0	0
##	[7506,]	0.000000e+00	0.000000e+00	0	0
##	[7507,]	3.600000e+01	7.840000e+02	64	1
##	[7508,]	0.000000e+00	0.000000e+00	0	0
##	[7509,]	0.000000e+00	0.000000e+00	0	0
##	[7510,]	0.000000e+00	0.000000e+00	0	0
##	[7511,]	0.000000e+00	0.000000e+00	0	0
##	[7512,]	0.000000e+00	0.000000e+00	0	0
##	[7513,]	0.000000e+00	0.000000e+00	0	0
##	[7514,]	0.000000e+00	0.000000e+00	0	0
##	[7515,]	1.329409e+06	5.290000e+02	0	0
##	[7516,]	0.000000e+00	0.000000e+00	0	0
##	[7517,]	0.000000e+00	0.000000e+00	0	0
##	[7518,]	0.000000e+00	0.000000e+00	0	0
##	[7519,]	0.000000e+00	0.000000e+00	0	0
##	[7520,]	0.000000e+00	0.000000e+00	0	0
##	[7521,]	5.760000e+02	4.900000e+03	1156	1
##	[7522,]	0.000000e+00	0.000000e+00	0	0
##	[7523,]	0.000000e+00	0.000000e+00	0	0
##	[7524,]	2.218410e+05	2.371600e+06	131044	9
##	[7525,]	0.000000e+00	4.000000e+00	4	0
##	[7526,]	0.000000e+00	0.000000e+00	0	0
##	[7527,]	0.000000e+00	0.000000e+00	0	0
##	[7528,]	0.000000e+00	0.000000e+00	0	0
##	[7529,]	0.000000e+00	0.000000e+00	0	0
##	[7530,]	4.900000e+01	2.890000e+02	9	0
##	[7531,]	0.000000e+00	0.000000e+00	0	0
##	[7532,]	0.000000e+00	0.000000e+00	0	0
##	[7533,]	8.100000e+01	2.025000e+03	625	0
##	[7534,]	0.000000e+00	0.000000e+00	0	0
##	[7535,]	9.000000e+00	1.210000e+02	4	0
##	[7536,]	8.880400e+04	8.798440e+05	73984	4
##	[7537,]	0.000000e+00	0.000000e+00	0	0
##	[7538,]	0.000000e+00	0.000000e+00	0	0
##	[7539,]	0.000000e+00	0.000000e+00	0	0
##	[7540,]	0.000000e+00	0.000000e+00	0	0
##	[7541,]	0.000000e+00	0.000000e+00	0	0
##	[7542,]	0.000000e+00	0.000000e+00	0	0
##	[7543,]	7.952400e+04	3.113640e+05	30976	0
##	[7544,]	2.560000e+02	3.610000e+02	400	0
##	[7545,]	0.000000e+00	0.000000e+00	0	0
##	[7546,]	0.000000e+00	0.000000e+00	0	0
##	[7547,]	0.000000e+00	0.000000e+00	0	0
##	[7548,]	0.000000e+00	0.000000e+00	0	0
##	[7549,]	9.000000e+00	3.600000e+01	25	0
##	[7550,]	0.000000e+00	0.000000e+00	0	0
##	[7551,]	0.000000e+00	0.000000e+00	0	0
##	[7552,]	0.000000e+00	0.000000e+00	0	0

##	[7553,]	0.000000e+00	0.000000e+00	0	0
##	[7554,]	5.503716e+06	7.241481e+06	144	0
##	[7555,]	0.000000e+00	0.000000e+00	0	0
##	[7556,]	0.000000e+00	0.000000e+00	0	0
##	[7557,]	0.000000e+00	0.000000e+00	0	0
##	[7558,]	0.000000e+00	0.000000e+00	0	0
##	[7559,]	0.000000e+00	0.000000e+00	0	0
##	[7560,]	0.000000e+00	2.500000e+01	0	0
##	[7561,]	9.610000e+02	7.056000e+03	1296	9
##	[7562,]	7.656289e+06	1.227442e+08	10368400	324
##	[7563,]	0.000000e+00	0.000000e+00	4	0
##	[7564,]	0.000000e+00	0.000000e+00	0	0
##	[7565,]	0.000000e+00	0.000000e+00	0	0
##	[7566,]	0.000000e+00	0.000000e+00	0	0
##	[7567,]	2.016400e+04	2.693610e+05	56169	1
##	[7568,]	1.000000e+00	1.440000e+02	25	0
##	[7569,]	0.000000e+00	0.000000e+00	0	0
##	[7570,]	0.000000e+00	9.000000e+00	1	0
##	[7571,]	0.000000e+00	0.000000e+00	0	0
##	[7572,]	0.000000e+00	0.000000e+00	0	0
##	[7573,]	0.000000e+00	0.000000e+00	0	0
##	[7574,]	0.000000e+00	0.000000e+00	0	0
##	[7575,]	0.000000e+00	0.000000e+00	0	0
##	[7576,]	0.000000e+00	0.000000e+00	0	0
##	[7577,]	0.000000e+00	0.000000e+00	0	0
##	[7578,]	3.610000e+04	9.000000e+00	0	0
##	[7579,]	0.000000e+00	0.000000e+00	0	0
##	[7580,]	0.000000e+00	0.000000e+00	0	0
##	[7581,]	0.000000e+00	0.000000e+00	0	0
##	[7582,]	0.000000e+00	0.000000e+00	0	0
##	[7583,]	0.000000e+00	0.000000e+00	0	0
##	[7584,]	0.000000e+00	0.000000e+00	0	0
##	[7585,]	0.000000e+00	0.000000e+00	0	0
##	[7586,]	4.000000e+00	4.000000e+00	0	0
##	[7587,]	0.000000e+00	0.000000e+00	0	0
##	[7588,]	2.631690e+05	1.030225e+06	25	0
##	[7589,]	0.000000e+00	0.000000e+00	0	0
##	[7590,]	0.000000e+00	0.000000e+00	0	0
##	[7591,]	0.000000e+00	0.000000e+00	0	0
##	[7592,]	0.000000e+00	1.000000e+00	0	0
##	[7593,]	0.000000e+00	0.000000e+00	0	0
##	[7594,]	0.000000e+00	0.000000e+00	0	0
##	[7595,]	0.000000e+00	0.000000e+00	0	0
##	[7596,]	3.204100e+04	1.227664e+06	9	0
##	[7597,]	0.000000e+00	0.000000e+00	0	0
##	[7598,]	1.000000e+00	4.000000e+00	0	0
##	[7599,]	0.000000e+00	0.000000e+00	0	0
##	[7600,]	0.000000e+00	0.000000e+00	0	0
##	[7601,]	0.000000e+00	0.000000e+00	0	0
##	[7602,]	1.664640e+05	2.253001e+06	123201	9
##	[7603,]	0.000000e+00	0.000000e+00	0	0
##	[7604,]	0.000000e+00	0.000000e+00	0	0
##	[7605,]	0.000000e+00	8.100000e+01	4	0
##	[7606,]	1.600000e+01	8.100000e+01	0	0

##	[7607,]	0.000000e+00	0.000000e+00	0	0
##	[7608,]	0.000000e+00	0.000000e+00	0	0
##	[7609,]	0.000000e+00	0.000000e+00	0	0
##	[7610,]	1.000000e+00	9.000000e+00	0	0
##	[7611,]	0.000000e+00	0.000000e+00	0	0
##	[7612,]	0.000000e+00	2.500000e+01	4	0
##	[7613,]	0.000000e+00	0.000000e+00	0	0
##	[7614,]	0.000000e+00	0.000000e+00	0	0
##	[7615,]	1.555009e+06	2.369742e+07	1585081	49
##	[7616,]	0.000000e+00	0.000000e+00	0	0
##	[7617,]	6.724000e+03	6.708100e+04	10816	1
##	[7618,]	3.610000e+02	1.225000e+03	64	1
##	[7619,]	0.000000e+00	0.000000e+00	0	0
##	[7620,]	0.000000e+00	4.000000e+00	0	0
##	[7621,]	0.000000e+00	0.000000e+00	0	0
##	[7622,]	4.900000e+01	3.610000e+02	100	0
##	[7623,]	0.000000e+00	1.000000e+00	0	0
##	[7624,]	0.000000e+00	0.000000e+00	0	0
##	[7625,]	0.000000e+00	0.000000e+00	0	0
##	[7626,]	0.000000e+00	0.000000e+00	0	0
##	[7627,]	0.000000e+00	9.000000e+00	9	0
##	[7628,]	2.070250e+05	3.308761e+06	357604	4
##	[7629,]	6.250000e+02	1.562500e+04	4900	0
##	[7630,]	0.000000e+00	0.000000e+00	0	0
##	[7631,]	0.000000e+00	0.000000e+00	0	0
##	[7632,]	5.959840e+05	4.000000e+02	0	0
##	[7633,]	0.000000e+00	0.000000e+00	0	0
##	[7634,]	0.000000e+00	0.000000e+00	0	0
##	[7635,]	0.000000e+00	0.000000e+00	0	0
##	[7636,]	0.000000e+00	0.000000e+00	0	0
##	[7637,]	0.000000e+00	0.000000e+00	0	0
##	[7638,]	0.000000e+00	0.000000e+00	0	0
##	[7639,]	0.000000e+00	0.000000e+00	0	0
##	[7640,]	0.000000e+00	0.000000e+00	0	0
##	[7641,]	0.000000e+00	0.000000e+00	0	0
##	[7642,]	4.000000e+02	4.761000e+03	676	0
##	[7643,]	0.000000e+00	0.000000e+00	0	0
##	[7644,]	8.761600e+04	1.882384e+06	151321	16
##	[7645,]	0.000000e+00	0.000000e+00	0	0
##	[7646,]	9.000000e+00	1.210000e+02	49	0
##	[7647,]	0.000000e+00	0.000000e+00	0	0
##	[7648,]	0.000000e+00	0.000000e+00	0	0
##	[7649,]	0.000000e+00	0.000000e+00	0	0
##	[7650,]	0.000000e+00	0.000000e+00	0	0
##	[7651,]	1.000000e+00	1.000000e+02	49	1
##	[7652,]	0.000000e+00	0.000000e+00	0	0
##	[7653,]	0.000000e+00	0.000000e+00	1	0
##	[7654,]	0.000000e+00	0.000000e+00	1	0
##	[7655,]	3.240000e+04	9.120250e+05	123904	1
##	[7656,]	0.000000e+00	0.000000e+00	0	0
##	[7657,]	2.500000e+01	1.936000e+03	484	0
##	[7658,]	0.000000e+00	0.000000e+00	0	0
##	[7659,]	0.000000e+00	0.000000e+00	0	0
##	[7660,]	0.000000e+00	0.000000e+00	0	0

##	[7661,]	0.000000e+00	0.000000e+00	0	0
##	[7662,]	0.000000e+00	0.000000e+00	0	0
##	[7663,]	0.000000e+00	0.000000e+00	0	0
##	[7664,]	0.000000e+00	1.000000e+00	0	0
##	[7665,]	3.600000e+01	1.690000e+02	225	0
##	[7666,]	0.000000e+00	0.000000e+00	0	0
##	[7667,]	3.276100e+04	3.180960e+05	73441	1
##	[7668,]	0.000000e+00	0.000000e+00	0	0
##	[7669,]	0.000000e+00	0.000000e+00	1	0
##	[7670,]	1.000000e+00	0.000000e+00	4	1
##	[7671,]	0.000000e+00	0.000000e+00	0	0
##	[7672,]	0.000000e+00	0.000000e+00	0	0
##	[7673,]	2.735716e+06	4.605316e+06	64	0
##	[7674,]	0.000000e+00	0.000000e+00	0	0
##	[7675,]	0.000000e+00	1.000000e+00	0	0
##	[7676,]	0.000000e+00	0.000000e+00	0	0
##	[7677,]	0.000000e+00	0.000000e+00	0	0
##	[7678,]	0.000000e+00	0.000000e+00	0	0
##	[7679,]	9.000000e+00	1.600000e+01	0	0
##	[7680,]	0.000000e+00	0.000000e+00	0	0
##	[7681,]	0.000000e+00	0.000000e+00	0	0
##	[7682,]	0.000000e+00	0.000000e+00	0	0
##	[7683,]	0.000000e+00	1.000000e+00	0	0
##	[7684,]	0.000000e+00	1.690000e+02	9	0
##	[7685,]	8.836000e+05	1.188100e+04	1024	25
##	[7686,]	0.000000e+00	1.000000e+00	0	0
##	[7687,]	8.281000e+03	2.134440e+05	45796	36
##	[7688,]	6.051600e+06	1.378041e+08	13300609	100
##	[7689,]	4.000000e+00	1.000000e+00	1	0
##	[7690,]	0.000000e+00	0.000000e+00	0	0
##	[7691,]	0.000000e+00	0.000000e+00	0	0
##	[7692,]	0.000000e+00	0.000000e+00	0	0
##	[7693,]	2.371600e+04	1.600000e+01	0	0
##	[7694,]	0.000000e+00	0.000000e+00	0	0
##	[7695,]	0.000000e+00	0.000000e+00	0	0
##	[7696,]	0.000000e+00	0.000000e+00	0	0
##	[7697,]	0.000000e+00	0.000000e+00	0	0
##	[7698,]	0.000000e+00	0.000000e+00	0	0
##	[7699,]	0.000000e+00	0.000000e+00	0	0
##	[7700,]	0.000000e+00	0.000000e+00	0	0
##	[7701,]	0.000000e+00	0.000000e+00	0	0
##	[7702,]	0.000000e+00	0.000000e+00	0	0
##	[7703,]	0.000000e+00	0.000000e+00	0	0
##	[7704,]	0.000000e+00	0.000000e+00	0	0
##	[7705,]	1.383840e+05	9.545290e+05	4	0
##	[7706,]	0.000000e+00	0.000000e+00	0	0
##	[7707,]	0.000000e+00	0.000000e+00	0	0
##	[7708,]	0.000000e+00	0.000000e+00	0	0
##	[7709,]	0.000000e+00	0.000000e+00	0	0
##	[7710,]	0.000000e+00	0.000000e+00	0	0
##	[7711,]	0.000000e+00	0.000000e+00	0	0
##	[7712,]	2.924100e+04	1.157776e+06	9	1
##	[7713,]	0.000000e+00	0.000000e+00	0	0
##	[7714,]	0.000000e+00	0.000000e+00	0	0

##	[7715,]	0.000000e+00	0.000000e+00	0	0
##	[7716,]	0.000000e+00	0.000000e+00	0	0
##	[7717,]	0.000000e+00	1.000000e+00	0	0
##	[7718,]	0.000000e+00	0.000000e+00	0	0
##	[7719,]	1.000000e+00	0.000000e+00	0	0
##	[7720,]	0.000000e+00	0.000000e+00	0	0
##	[7721,]	1.560250e+05	2.660161e+06	123904	1
##	[7722,]	0.000000e+00	0.000000e+00	0	0
##	[7723,]	0.000000e+00	0.000000e+00	0	0
##	[7724,]	0.000000e+00	0.000000e+00	0	0
##	[7725,]	9.000000e+00	1.440000e+02	4	1
##	[7726,]	4.356000e+03	6.400000e+01	1	1
##	[7727,]	0.000000e+00	0.000000e+00	0	0
##	[7728,]	0.000000e+00	0.000000e+00	1	0
##	[7729,]	0.000000e+00	0.000000e+00	0	0
##	[7730,]	0.000000e+00	0.000000e+00	0	0
##	[7731,]	0.000000e+00	8.100000e+01	1	0
##	[7732,]	4.000000e+00	1.000000e+00	1	0
##	[7733,]	1.764000e+03	5.428900e+04	7569	0
##	[7734,]	0.000000e+00	0.000000e+00	0	0
##	[7735,]	0.000000e+00	0.000000e+00	0	0
##	[7736,]	1.320201e+06	2.664624e+07	1882384	16
##	[7737,]	0.000000e+00	0.000000e+00	0	0
##	[7738,]	0.000000e+00	0.000000e+00	0	0
##	[7739,]	1.451610e+05	2.304000e+03	81	9
##	[7740,]	0.000000e+00	0.000000e+00	0	0
##	[7741,]	1.592010e+05	3.833764e+06	519841	0
##	[7742,]	0.000000e+00	0.000000e+00	0	0
##	[7743,]	0.000000e+00	0.000000e+00	0	0
##	[7744,]	0.000000e+00	0.000000e+00	0	0
##	[7745,]	0.000000e+00	4.000000e+00	0	0
##	[7746,]	0.000000e+00	0.000000e+00	0	0
##	[7747,]	0.000000e+00	0.000000e+00	0	0
##	[7748,]	4.410000e+04	7.290000e+02	25	1
##	[7749,]	0.000000e+00	0.000000e+00	0	0
##	[7750,]	6.250000e+02	1.123600e+04	2209	1
##	[7751,]	0.000000e+00	0.000000e+00	0	0
##	[7752,]	0.000000e+00	0.000000e+00	0	0
##	[7753,]	0.000000e+00	0.000000e+00	0	0
##	[7754,]	0.000000e+00	0.000000e+00	0	0
##	[7755,]	0.000000e+00	0.000000e+00	0	0
##	[7756,]	2.265760e+05	8.100000e+01	0	0
##	[7757,]	0.000000e+00	0.000000e+00	0	0
##	[7758,]	0.000000e+00	0.000000e+00	0	0
##	[7759,]	0.000000e+00	0.000000e+00	0	0
##	[7760,]	0.000000e+00	0.000000e+00	0	0
##	[7761,]	0.000000e+00	0.000000e+00	0	0
##	[7762,]	6.250000e+04	2.220100e+06	258064	9
##	[7763,]	0.000000e+00	4.000000e+00	0	0
##	[7764,]	0.000000e+00	0.000000e+00	0	0
##	[7765,]	0.000000e+00	0.000000e+00	0	0
##	[7766,]	2.992900e+04	1.440000e+02	49	0
##	[7767,]	0.000000e+00	0.000000e+00	0	0
##	[7768,]	0.000000e+00	0.000000e+00	0	0

##	[7769,]	1.440000e+02	3.481000e+03	729	1
##	[7770,]	0.000000e+00	0.000000e+00	0	0
##	[7771,]	7.921000e+03	6.400000e+01	49	0
##	[7772,]	0.000000e+00	0.000000e+00	0	0
##	[7773,]	0.000000e+00	0.000000e+00	0	0
##	[7774,]	0.000000e+00	0.000000e+00	0	0
##	[7775,]	0.000000e+00	0.000000e+00	0	0
##	[7776,]	2.190400e+04	9.525760e+05	148996	1
##	[7777,]	0.000000e+00	0.000000e+00	0	0
##	[7778,]	0.000000e+00	0.000000e+00	1	0
##	[7779,]	0.000000e+00	1.000000e+00	0	0
##	[7780,]	4.900000e+01	1.024000e+03	1296	9
##	[7781,]	0.000000e+00	0.000000e+00	0	0
##	[7782,]	4.410000e+02	3.600000e+01	9	0
##	[7783,]	0.000000e+00	0.000000e+00	0	0
##	[7784,]	0.000000e+00	1.000000e+00	0	0
##	[7785,]	1.416100e+04	2.724840e+05	94864	1
##	[7786,]	0.000000e+00	0.000000e+00	0	0
##	[7787,]	0.000000e+00	0.000000e+00	0	0
##	[7788,]	0.000000e+00	0.000000e+00	0	0
##	[7789,]	0.000000e+00	0.000000e+00	0	0
##	[7790,]	4.000000e+00	4.000000e+02	225	0
##	[7791,]	0.000000e+00	0.000000e+00	0	0
##	[7792,]	0.000000e+00	0.000000e+00	0	0
##	[7793,]	0.000000e+00	0.000000e+00	0	0
##	[7794,]	1.000000e+00	0.000000e+00	0	0
##	[7795,]	1.375929e+06	4.268356e+06	25	1
##	[7796,]	0.000000e+00	0.000000e+00	0	0
##	[7797,]	0.000000e+00	1.000000e+00	0	0
##	[7798,]	0.000000e+00	0.000000e+00	0	0
##	[7799,]	0.000000e+00	0.000000e+00	0	0
##	[7800,]	0.000000e+00	0.000000e+00	0	0
##	[7801,]	1.000000e+00	0.000000e+00	25	0
##	[7802,]	0.000000e+00	0.000000e+00	0	0
##	[7803,]	0.000000e+00	0.000000e+00	0	0
##	[7804,]	0.000000e+00	2.890000e+02	121	0
##	[7805,]	0.000000e+00	0.000000e+00	0	0
##	[7806,]	0.000000e+00	0.000000e+00	0	0
##	[7807,]	3.340840e+05	1.102500e+04	1936	16
##	[7808,]	4.289041e+06	1.332870e+08	13912900	289
##	[7809,]	1.000000e+00	9.000000e+00	0	0
##	[7810,]	5.776000e+03	2.352250e+05	57121	4
##	[7811,]	1.000000e+00	0.000000e+00	0	0
##	[7812,]	2.433600e+04	4.000000e+00	0	0
##	[7813,]	0.000000e+00	0.000000e+00	0	0
##	[7814,]	0.000000e+00	0.000000e+00	0	0
##	[7815,]	0.000000e+00	0.000000e+00	0	0
##	[7816,]	0.000000e+00	0.000000e+00	0	0
##	[7817,]	0.000000e+00	0.000000e+00	0	0
##	[7818,]	1.000000e+00	0.000000e+00	0	0
##	[7819,]	0.000000e+00	0.000000e+00	0	0
##	[7820,]	0.000000e+00	0.000000e+00	0	0
##	[7821,]	0.000000e+00	0.000000e+00	0	0
##	[7822,]	1.075840e+05	6.938890e+05	1	0

##	[7823,]	0.000000e+00	1.000000e+00	0	0
##	[7824,]	0.000000e+00	0.000000e+00	0	0
##	[7825,]	0.000000e+00	0.000000e+00	0	0
##	[7826,]	0.000000e+00	0.000000e+00	0	0
##	[7827,]	0.000000e+00	0.000000e+00	0	0
##	[7828,]	0.000000e+00	0.000000e+00	0	0
##	[7829,]	0.000000e+00	0.000000e+00	0	0
##	[7830,]	0.000000e+00	0.000000e+00	0	0
##	[7831,]	0.000000e+00	0.000000e+00	0	0
##	[7832,]	0.000000e+00	9.000000e+00	0	0
##	[7833,]	0.000000e+00	0.000000e+00	0	0
##	[7834,]	2.500000e+01	9.000000e+00	1	0
##	[7835,]	0.000000e+00	0.000000e+00	0	0
##	[7836,]	2.044900e+04	1.016064e+06	16	0
##	[7837,]	0.000000e+00	0.000000e+00	0	0
##	[7838,]	0.000000e+00	0.000000e+00	0	0
##	[7839,]	0.000000e+00	0.000000e+00	0	0
##	[7840,]	0.000000e+00	0.000000e+00	0	0
##	[7841,]	9.000000e+02	8.100000e+01	4	0
##	[7842,]	0.000000e+00	0.000000e+00	0	0
##	[7843,]	9.672100e+04	2.566404e+06	109561	1
##	[7844,]	0.000000e+00	0.000000e+00	0	0
##	[7845,]	1.000000e+00	0.000000e+00	0	0
##	[7846,]	0.000000e+00	0.000000e+00	0	0
##	[7847,]	9.000000e+00	4.900000e+01	16	0
##	[7848,]	0.000000e+00	1.000000e+00	9	0
##	[7849,]	0.000000e+00	0.000000e+00	0	0
##	[7850,]	0.000000e+00	0.000000e+00	0	0
##	[7851,]	1.369000e+03	5.664400e+04	11449	1
##	[7852,]	0.000000e+00	0.000000e+00	0	0
##	[7853,]	0.000000e+00	1.000000e+00	0	0
##	[7854,]	0.000000e+00	0.000000e+00	0	0
##	[7855,]	4.452100e+04	2.809000e+03	289	0
##	[7856,]	0.000000e+00	0.000000e+00	0	0
##	[7857,]	0.000000e+00	0.000000e+00	0	0
##	[7858,]	9.350890e+05	2.583689e+07	1806336	36
##	[7859,]	0.000000e+00	1.000000e+02	16	0
##	[7860,]	0.000000e+00	0.000000e+00	0	0
##	[7861,]	1.638400e+04	3.610000e+02	25	0
##	[7862,]	0.000000e+00	0.000000e+00	0	0
##	[7863,]	0.000000e+00	0.000000e+00	0	0
##	[7864,]	0.000000e+00	0.000000e+00	0	0
##	[7865,]	1.260250e+05	3.892729e+06	459684	9
##	[7866,]	0.000000e+00	2.500000e+01	0	0
##	[7867,]	2.250000e+02	1.210000e+04	3600	1
##	[7868,]	0.000000e+00	0.000000e+00	0	0
##	[7869,]	0.000000e+00	0.000000e+00	0	0
##	[7870,]	1.000000e+00	1.000000e+00	0	0
##	[7871,]	0.000000e+00	0.000000e+00	0	0
##	[7872,]	0.000000e+00	0.000000e+00	0	0
##	[7873,]	0.000000e+00	0.000000e+00	0	0
##	[7874,]	1.062760e+05	4.840000e+02	0	0
##	[7875,]	0.000000e+00	0.000000e+00	0	0
##	[7876,]	0.000000e+00	0.000000e+00	0	0

##	[7877,]	0.000000e+00	0.000000e+00	0	0
##	[7878,]	0.000000e+00	0.000000e+00	0	0
##	[7879,]	0.000000e+00	0.000000e+00	0	0
##	[7880,]	0.000000e+00	0.000000e+00	0	0
##	[7881,]	0.000000e+00	1.000000e+00	0	0
##	[7882,]	0.000000e+00	0.000000e+00	0	0
##	[7883,]	1.210000e+02	4.356000e+03	625	0
##	[7884,]	0.000000e+00	1.000000e+00	1	0
##	[7885,]	0.000000e+00	0.000000e+00	1	0
##	[7886,]	0.000000e+00	0.000000e+00	0	0
##	[7887,]	4.840000e+04	2.047761e+06	260100	1
##	[7888,]	1.562500e+04	2.250000e+02	81	0
##	[7889,]	0.000000e+00	0.000000e+00	0	0
##	[7890,]	0.000000e+00	0.000000e+00	0	0
##	[7891,]	0.000000e+00	0.000000e+00	0	0
##	[7892,]	0.000000e+00	0.000000e+00	0	0
##	[7893,]	0.000000e+00	0.000000e+00	0	0
##	[7894,]	0.000000e+00	0.000000e+00	4	0
##	[7895,]	3.600000e+01	1.849000e+03	729	0
##	[7896,]	0.000000e+00	0.000000e+00	4	0
##	[7897,]	3.844000e+03	2.500000e+01	36	9
##	[7898,]	0.000000e+00	0.000000e+00	0	0
##	[7899,]	1.392400e+04	8.949160e+05	206116	16
##	[7900,]	0.000000e+00	0.000000e+00	0	0
##	[7901,]	0.000000e+00	0.000000e+00	0	0
##	[7902,]	1.600000e+01	4.410000e+02	256	0
##	[7903,]	1.000000e+04	2.601000e+05	170569	4
##	[7904,]	4.840000e+02	1.600000e+01	25	1
##	[7905,]	0.000000e+00	0.000000e+00	0	0
##	[7906,]	0.000000e+00	0.000000e+00	0	0
##	[7907,]	0.000000e+00	0.000000e+00	0	0
##	[7908,]	0.000000e+00	0.000000e+00	4	0
##	[7909,]	0.000000e+00	0.000000e+00	0	0
##	[7910,]	0.000000e+00	0.000000e+00	1	0
##	[7911,]	0.000000e+00	0.000000e+00	0	0
##	[7912,]	0.000000e+00	0.000000e+00	0	0
##	[7913,]	1.000000e+00	1.600000e+01	0	0
##	[7914,]	0.000000e+00	0.000000e+00	0	0
##	[7915,]	0.000000e+00	0.000000e+00	0	0
##	[7916,]	0.000000e+00	0.000000e+00	0	0
##	[7917,]	2.500000e+01	9.000000e+00	1	0
##	[7918,]	9.082090e+05	3.478225e+06	25	0
##	[7919,]	0.000000e+00	0.000000e+00	0	0
##	[7920,]	1.000000e+00	0.000000e+00	0	0
##	[7921,]	0.000000e+00	0.000000e+00	0	0
##	[7922,]	1.218010e+05	7.569000e+03	2116	1
##	[7923,]	0.000000e+00	0.000000e+00	0	0
##	[7924,]	0.000000e+00	0.000000e+00	0	0
##	[7925,]	0.000000e+00	0.000000e+00	0	0
##	[7926,]	0.000000e+00	1.000000e+00	0	0
##	[7927,]	0.000000e+00	3.600000e+01	0	0
##	[7928,]	2.748964e+06	1.345832e+08	14753281	256
##	[7929,]	0.000000e+00	1.960000e+02	256	0
##	[7930,]	1.600000e+03	1.927210e+05	54289	36

##	[7931,]	0.000000e+00	0.000000e+00	0	0
##	[7932,]	0.000000e+00	0.000000e+00	0	0
##	[7933,]	0.000000e+00	0.000000e+00	0	0
##	[7934,]	0.000000e+00	0.000000e+00	0	0
##	[7935,]	0.000000e+00	0.000000e+00	0	0
##	[7936,]	0.000000e+00	0.000000e+00	0	0
##	[7937,]	0.000000e+00	0.000000e+00	0	0
##	[7938,]	2.131600e+04	4.000000e+00	0	0
##	[7939,]	0.000000e+00	0.000000e+00	0	0
##	[7940,]	0.000000e+00	0.000000e+00	0	0
##	[7941,]	0.000000e+00	0.000000e+00	0	0
##	[7942,]	0.000000e+00	0.000000e+00	0	0
##	[7943,]	5.953600e+04	6.352090e+05	1	0
##	[7944,]	0.000000e+00	0.000000e+00	0	0
##	[7945,]	0.000000e+00	9.000000e+00	0	0
##	[7946,]	0.000000e+00	0.000000e+00	0	0
##	[7947,]	0.000000e+00	0.000000e+00	0	0
##	[7948,]	0.000000e+00	0.000000e+00	0	0
##	[7949,]	1.000000e+00	0.000000e+00	0	0
##	[7950,]	0.000000e+00	0.000000e+00	0	0
##	[7951,]	0.000000e+00	0.000000e+00	0	0
##	[7952,]	0.000000e+00	0.000000e+00	0	0
##	[7953,]	0.000000e+00	0.000000e+00	0	0
##	[7954,]	0.000000e+00	0.000000e+00	0	0
##	[7955,]	0.000000e+00	1.000000e+00	1	0
##	[7956,]	0.000000e+00	0.000000e+00	0	0
##	[7957,]	0.000000e+00	1.600000e+01	0	0
##	[7958,]	2.073600e+04	7.157160e+05	4	0
##	[7959,]	0.000000e+00	0.000000e+00	0	0
##	[7960,]	0.000000e+00	0.000000e+00	0	0
##	[7961,]	0.000000e+00	1.000000e+00	0	0
##	[7962,]	0.000000e+00	0.000000e+00	0	0
##	[7963,]	4.000000e+02	3.600000e+01	9	0
##	[7964,]	7.075600e+04	2.235025e+06	123201	0
##	[7965,]	0.000000e+00	0.000000e+00	0	0
##	[7966,]	0.000000e+00	0.000000e+00	0	0
##	[7967,]	0.000000e+00	0.000000e+00	0	0
##	[7968,]	1.000000e+00	1.440000e+02	4	0
##	[7969,]	0.000000e+00	9.000000e+00	1	0
##	[7970,]	0.000000e+00	0.000000e+00	0	0
##	[7971,]	0.000000e+00	1.600000e+01	0	0
##	[7972,]	0.000000e+00	0.000000e+00	0	0
##	[7973,]	1.690000e+02	3.841600e+04	8100	1
##	[7974,]	5.882890e+05	2.359045e+07	1635841	25
##	[7975,]	0.000000e+00	0.000000e+00	0	0
##	[7976,]	0.000000e+00	0.000000e+00	0	0
##	[7977,]	1.849600e+04	1.681000e+03	100	0
##	[7978,]	0.000000e+00	0.000000e+00	0	0
##	[7979,]	0.000000e+00	0.000000e+00	0	0
##	[7980,]	0.000000e+00	3.600000e+01	9	0
##	[7981,]	0.000000e+00	0.000000e+00	0	0
##	[7982,]	0.000000e+00	0.000000e+00	0	0
##	[7983,]	4.096000e+03	5.760000e+02	100	1
##	[7984,]	0.000000e+00	0.000000e+00	0	0

##	[7985,]	0.000000e+00	0.000000e+00	0	0
##	[7986,]	0.000000e+00	0.000000e+00	0	0
##	[7987,]	8.702500e+04	3.932289e+06	436921	36
##	[7988,]	6.400000e+01	1.144900e+04	2401	9
##	[7989,]	0.000000e+00	9.000000e+00	16	0
##	[7990,]	0.000000e+00	0.000000e+00	0	0
##	[7991,]	0.000000e+00	0.000000e+00	0	0
##	[7992,]	0.000000e+00	0.000000e+00	0	0
##	[7993,]	0.000000e+00	0.000000e+00	0	0
##	[7994,]	0.000000e+00	0.000000e+00	0	0
##	[7995,]	0.000000e+00	0.000000e+00	0	0
##	[7996,]	0.000000e+00	0.000000e+00	0	0
##	[7997,]	5.107600e+04	4.000000e+02	0	0
##	[7998,]	0.000000e+00	0.000000e+00	0	0
##	[7999,]	0.000000e+00	0.000000e+00	0	0
##	[8000,]	0.000000e+00	0.000000e+00	0	0
##	[8001,]	0.000000e+00	4.000000e+00	0	0
##	[8002,]	0.000000e+00	0.000000e+00	0	0
##	[8003,]	1.210000e+02	4.096000e+03	1089	0
##	[8004,]	0.000000e+00	1.000000e+00	25	0
##	[8005,]	5.329000e+03	1.440000e+02	16	0
##	[8006,]	0.000000e+00	0.000000e+00	0	0
##	[8007,]	0.000000e+00	0.000000e+00	0	0
##	[8008,]	0.000000e+00	0.000000e+00	0	0
##	[8009,]	0.000000e+00	0.000000e+00	0	0
##	[8010,]	2.190400e+04	2.534464e+06	298116	4
##	[8011,]	0.000000e+00	0.000000e+00	0	0
##	[8012,]	0.000000e+00	0.000000e+00	0	0
##	[8013,]	0.000000e+00	0.000000e+00	0	0
##	[8014,]	0.000000e+00	0.000000e+00	0	0
##	[8015,]	0.000000e+00	0.000000e+00	0	0
##	[8016,]	1.849000e+03	9.000000e+00	196	0
##	[8017,]	1.144900e+04	1.087849e+06	252004	4
##	[8018,]	0.000000e+00	0.000000e+00	0	0
##	[8019,]	0.000000e+00	1.000000e+00	1	0
##	[8020,]	9.000000e+00	2.025000e+03	1849	1
##	[8021,]	5.625000e+03	3.981610e+05	252004	1
##	[8022,]	0.000000e+00	0.000000e+00	0	0
##	[8023,]	1.690000e+02	1.000000e+00	25	0
##	[8024,]	0.000000e+00	0.000000e+00	0	0
##	[8025,]	0.000000e+00	0.000000e+00	0	0
##	[8026,]	0.000000e+00	0.000000e+00	0	0
##	[8027,]	0.000000e+00	0.000000e+00	0	0
##	[8028,]	0.000000e+00	0.000000e+00	0	0
##	[8029,]	0.000000e+00	0.000000e+00	4	0
##	[8030,]	1.600000e+01	2.250000e+02	256	1
##	[8031,]	0.000000e+00	0.000000e+00	0	0
##	[8032,]	5.776000e+05	2.772225e+06	9	0
##	[8033,]	0.000000e+00	4.900000e+01	0	0
##	[8034,]	1.000000e+00	1.000000e+00	1	0
##	[8035,]	0.000000e+00	0.000000e+00	0	0
##	[8036,]	0.000000e+00	0.000000e+00	0	0
##	[8037,]	0.000000e+00	0.000000e+00	0	0
##	[8038,]	0.000000e+00	0.000000e+00	0	0

##	[8039,]	0.000000e+00	0.000000e+00	0	0
##	[8040,]	0.000000e+00	0.000000e+00	0	0
##	[8041,]	0.000000e+00	0.000000e+00	0	0
##	[8042,]	0.000000e+00	0.000000e+00	0	0
##	[8043,]	0.000000e+00	0.000000e+00	0	0
##	[8044,]	1.000000e+00	0.000000e+00	0	0
##	[8045,]	0.000000e+00	1.690000e+02	225	0
##	[8046,]	0.000000e+00	4.000000e+00	0	1
##	[8047,]	0.000000e+00	0.000000e+00	0	0
##	[8048,]	9.000000e+02	1.274490e+05	46656	4
##	[8049,]	4.884100e+04	8.649000e+03	1681	9
##	[8050,]	1.567504e+06	9.500401e+07	14394436	64
##	[8051,]	0.000000e+00	0.000000e+00	0	0
##	[8052,]	0.000000e+00	0.000000e+00	0	0
##	[8053,]	0.000000e+00	0.000000e+00	0	0
##	[8054,]	1.102500e+04	1.600000e+01	0	0
##	[8055,]	0.000000e+00	0.000000e+00	0	0
##	[8056,]	0.000000e+00	0.000000e+00	0	0
##	[8057,]	0.000000e+00	0.000000e+00	0	0
##	[8058,]	0.000000e+00	0.000000e+00	0	0
##	[8059,]	0.000000e+00	0.000000e+00	0	0
##	[8060,]	0.000000e+00	0.000000e+00	0	0
##	[8061,]	3.686400e+04	6.052840e+05	9	0
##	[8062,]	4.000000e+00	4.000000e+00	0	0
##	[8063,]	0.000000e+00	0.000000e+00	0	0
##	[8064,]	0.000000e+00	0.000000e+00	0	0
##	[8065,]	0.000000e+00	0.000000e+00	0	0
##	[8066,]	0.000000e+00	0.000000e+00	0	0
##	[8067,]	0.000000e+00	1.000000e+00	0	0
##	[8068,]	0.000000e+00	0.000000e+00	0	0
##	[8069,]	0.000000e+00	0.000000e+00	0	0
##	[8070,]	0.000000e+00	0.000000e+00	0	0
##	[8071,]	0.000000e+00	0.000000e+00	0	0
##	[8072,]	0.000000e+00	0.000000e+00	0	0
##	[8073,]	0.000000e+00	0.000000e+00	0	0
##	[8074,]	1.795600e+04	9.044010e+05	49	0
##	[8075,]	0.000000e+00	0.000000e+00	0	0
##	[8076,]	0.000000e+00	0.000000e+00	0	0
##	[8077,]	0.000000e+00	0.000000e+00	0	0
##	[8078,]	0.000000e+00	0.000000e+00	0	0
##	[8079,]	2.500000e+01	1.000000e+00	0	0
##	[8080,]	0.000000e+00	9.000000e+00	0	0
##	[8081,]	0.000000e+00	0.000000e+00	0	0
##	[8082,]	0.000000e+00	0.000000e+00	0	0
##	[8083,]	4.900000e+01	2.500000e+01	9	0
##	[8084,]	5.244100e+04	1.800964e+06	162409	0
##	[8085,]	0.000000e+00	0.000000e+00	0	0
##	[8086,]	0.000000e+00	0.000000e+00	0	0
##	[8087,]	0.000000e+00	0.000000e+00	0	0
##	[8088,]	0.000000e+00	0.000000e+00	0	0
##	[8089,]	0.000000e+00	1.000000e+00	1	0
##	[8090,]	4.000000e+00	4.900000e+01	1	0
##	[8091,]	0.000000e+00	0.000000e+00	0	1
##	[8092,]	0.000000e+00	0.000000e+00	0	0

##	[8093,]	3.794560e+05	1.683461e+07	1452025	9
##	[8094,]	1.000000e+00	0.000000e+00	0	0
##	[8095,]	0.000000e+00	0.000000e+00	0	0
##	[8096,]	0.000000e+00	0.000000e+00	0	0
##	[8097,]	0.000000e+00	0.000000e+00	0	0
##	[8098,]	2.250000e+02	2.402500e+04	5776	4
##	[8099,]	8.464000e+03	7.840000e+02	100	0
##	[8100,]	0.000000e+00	6.400000e+01	9	0
##	[8101,]	0.000000e+00	0.000000e+00	0	0
##	[8102,]	0.000000e+00	0.000000e+00	0	0
##	[8103,]	1.936000e+03	5.290000e+02	9	0
##	[8104,]	0.000000e+00	1.000000e+00	16	0
##	[8105,]	0.000000e+00	0.000000e+00	0	0
##	[8106,]	0.000000e+00	0.000000e+00	0	0
##	[8107,]	0.000000e+00	0.000000e+00	0	0
##	[8108,]	0.000000e+00	0.000000e+00	0	0
##	[8109,]	6.400000e+01	1.040400e+04	2304	0
##	[8110,]	4.284900e+04	2.729104e+06	366025	4
##	[8111,]	0.000000e+00	0.000000e+00	0	0
##	[8112,]	1.000000e+00	0.000000e+00	0	0
##	[8113,]	0.000000e+00	0.000000e+00	0	0
##	[8114,]	0.000000e+00	0.000000e+00	0	0
##	[8115,]	0.000000e+00	0.000000e+00	0	0
##	[8116,]	0.000000e+00	0.000000e+00	0	0
##	[8117,]	0.000000e+00	0.000000e+00	0	0
##	[8118,]	0.000000e+00	0.000000e+00	0	0
##	[8119,]	0.000000e+00	0.000000e+00	0	0
##	[8120,]	2.464900e+04	4.000000e+02	0	0
##	[8121,]	1.600000e+01	1.936000e+03	961	0
##	[8122,]	0.000000e+00	0.000000e+00	0	0
##	[8123,]	0.000000e+00	1.000000e+00	0	0
##	[8124,]	2.401000e+03	6.760000e+02	121	1
##	[8125,]	0.000000e+00	0.000000e+00	0	0
##	[8126,]	0.000000e+00	0.000000e+00	0	0
##	[8127,]	0.000000e+00	4.000000e+00	25	0
##	[8128,]	0.000000e+00	0.000000e+00	0	0
##	[8129,]	7.921000e+03	1.739761e+06	215296	4
##	[8130,]	0.000000e+00	0.000000e+00	0	0
##	[8131,]	0.000000e+00	0.000000e+00	0	0
##	[8132,]	0.000000e+00	0.000000e+00	0	0
##	[8133,]	0.000000e+00	0.000000e+00	4	0
##	[8134,]	0.000000e+00	0.000000e+00	0	0
##	[8135,]	0.000000e+00	0.000000e+00	0	0
##	[8136,]	1.000000e+00	1.296000e+03	1369	0
##	[8137,]	4.900000e+03	6.972250e+05	182329	0
##	[8138,]	0.000000e+00	1.000000e+00	0	0
##	[8139,]	3.240000e+02	8.100000e+01	36	0
##	[8140,]	0.000000e+00	0.000000e+00	0	0
##	[8141,]	1.210000e+02	4.000000e+00	64	4
##	[8142,]	0.000000e+00	0.000000e+00	0	0
##	[8143,]	0.000000e+00	0.000000e+00	0	0
##	[8144,]	0.000000e+00	0.000000e+00	0	0
##	[8145,]	0.000000e+00	1.690000e+02	529	0
##	[8146,]	0.000000e+00	0.000000e+00	0	0

##	[8147,]	0.000000e+00	0.000000e+00	0	0
##	[8148,]	1.681000e+03	2.460160e+05	476100	1
##	[8149,]	0.000000e+00	1.000000e+00	0	0
##	[8150,]	0.000000e+00	0.000000e+00	0	0
##	[8151,]	0.000000e+00	1.600000e+01	0	0
##	[8152,]	0.000000e+00	0.000000e+00	0	0
##	[8153,]	1.000000e+00	0.000000e+00	0	0
##	[8154,]	0.000000e+00	0.000000e+00	0	0
##	[8155,]	4.900000e+01	9.000000e+00	0	0
##	[8156,]	3.457440e+05	3.073009e+06	100	0
##	[8157,]	0.000000e+00	0.000000e+00	0	0
##	[8158,]	0.000000e+00	0.000000e+00	0	0
##	[8159,]	0.000000e+00	0.000000e+00	0	0
##	[8160,]	0.000000e+00	0.000000e+00	0	0
##	[8161,]	0.000000e+00	0.000000e+00	0	0
##	[8162,]	3.097600e+04	6.241000e+03	729	1
##	[8163,]	0.000000e+00	6.400000e+01	324	0
##	[8164,]	0.000000e+00	0.000000e+00	0	0
##	[8165,]	0.000000e+00	4.000000e+00	0	0
##	[8166,]	0.000000e+00	0.000000e+00	0	0
##	[8167,]	1.936000e+03	1.764000e+05	123201	16
##	[8168,]	0.000000e+00	0.000000e+00	0	0
##	[8169,]	0.000000e+00	0.000000e+00	1	0
##	[8170,]	2.362369e+06	1.107967e+08	27196225	256
##	[8171,]	0.000000e+00	0.000000e+00	0	0
##	[8172,]	0.000000e+00	0.000000e+00	0	0
##	[8173,]	0.000000e+00	0.000000e+00	0	0
##	[8174,]	0.000000e+00	0.000000e+00	0	0
##	[8175,]	0.000000e+00	0.000000e+00	0	0
##	[8176,]	0.000000e+00	0.000000e+00	0	0
##	[8177,]	0.000000e+00	0.000000e+00	0	0
##	[8178,]	0.000000e+00	0.000000e+00	0	0
##	[8179,]	0.000000e+00	0.000000e+00	0	0
##	[8180,]	7.056000e+03	4.000000e+00	0	0
##	[8181,]	0.000000e+00	0.000000e+00	0	0
##	[8182,]	0.000000e+00	0.000000e+00	0	0
##	[8183,]	0.000000e+00	0.000000e+00	0	0
##	[8184,]	0.000000e+00	0.000000e+00	0	0
##	[8185,]	5.904900e+04	3.648160e+05	1	0
##	[8186,]	0.000000e+00	0.000000e+00	0	0
##	[8187,]	0.000000e+00	0.000000e+00	0	0
##	[8188,]	0.000000e+00	0.000000e+00	0	0
##	[8189,]	0.000000e+00	0.000000e+00	0	0
##	[8190,]	0.000000e+00	4.000000e+00	0	0
##	[8191,]	0.000000e+00	0.000000e+00	0	0
##	[8192,]	0.000000e+00	0.000000e+00	0	0
##	[8193,]	0.000000e+00	4.000000e+00	1	0
##	[8194,]	0.000000e+00	0.000000e+00	0	0
##	[8195,]	0.000000e+00	0.000000e+00	0	0
##	[8196,]	0.000000e+00	0.000000e+00	0	0
##	[8197,]	2.073600e+04	4.556250e+05	144	0
##	[8198,]	9.000000e+00	4.000000e+00	0	0
##	[8199,]	0.000000e+00	0.000000e+00	0	0
##	[8200,]	0.000000e+00	0.000000e+00	0	0

##	[8201,]	0.000000e+00	0.000000e+00	0	0
##	[8202,]	0.000000e+00	0.000000e+00	0	0
##	[8203,]	0.000000e+00	0.000000e+00	0	0
##	[8204,]	1.690000e+02	1.600000e+01	0	0
##	[8205,]	0.000000e+00	1.440000e+02	25	0
##	[8206,]	0.000000e+00	0.000000e+00	0	0
##	[8207,]	0.000000e+00	0.000000e+00	0	0
##	[8208,]	0.000000e+00	0.000000e+00	0	0
##	[8209,]	5.290000e+04	1.225449e+06	155236	1
##	[8210,]	0.000000e+00	1.000000e+00	0	0
##	[8211,]	0.000000e+00	0.000000e+00	0	0
##	[8212,]	0.000000e+00	4.000000e+00	0	0
##	[8213,]	5.055210e+05	1.758964e+07	2715904	36
##	[8214,]	4.225000e+03	9.000000e+02	169	1
##	[8215,]	0.000000e+00	1.600000e+01	49	0
##	[8216,]	0.000000e+00	0.000000e+00	0	0
##	[8217,]	0.000000e+00	0.000000e+00	0	0
##	[8218,]	0.000000e+00	0.000000e+00	0	0
##	[8219,]	0.000000e+00	0.000000e+00	0	0
##	[8220,]	5.760000e+02	3.610000e+04	10609	4
##	[8221,]	0.000000e+00	0.000000e+00	0	0
##	[8222,]	0.000000e+00	0.000000e+00	0	0
##	[8223,]	0.000000e+00	0.000000e+00	0	0
##	[8224,]	9.922500e+04	3.728761e+06	567009	16
##	[8225,]	0.000000e+00	0.000000e+00	0	0
##	[8226,]	1.156000e+03	4.840000e+02	25	0
##	[8227,]	3.600000e+01	8.281000e+03	5329	1
##	[8228,]	0.000000e+00	0.000000e+00	0	0
##	[8229,]	0.000000e+00	0.000000e+00	0	0
##	[8230,]	0.000000e+00	9.000000e+00	36	0
##	[8231,]	0.000000e+00	0.000000e+00	0	0
##	[8232,]	0.000000e+00	0.000000e+00	0	0
##	[8233,]	0.000000e+00	0.000000e+00	0	0
##	[8234,]	0.000000e+00	0.000000e+00	0	0
##	[8235,]	4.665600e+04	3.610000e+02	1	0
##	[8236,]	0.000000e+00	0.000000e+00	0	0
##	[8237,]	0.000000e+00	0.000000e+00	0	0
##	[8238,]	0.000000e+00	0.000000e+00	0	0
##	[8239,]	0.000000e+00	0.000000e+00	0	0
##	[8240,]	0.000000e+00	0.000000e+00	0	0
##	[8241,]	1.932100e+04	2.792241e+06	379456	9
##	[8242,]	0.000000e+00	0.000000e+00	0	0
##	[8243,]	0.000000e+00	0.000000e+00	0	0
##	[8244,]	0.000000e+00	0.000000e+00	0	0
##	[8245,]	0.000000e+00	0.000000e+00	0	0
##	[8246,]	1.681000e+03	3.240000e+02	9	0
##	[8247,]	0.000000e+00	0.000000e+00	0	0
##	[8248,]	1.000000e+02	4.900000e+03	2304	1
##	[8249,]	0.000000e+00	0.000000e+00	16	0
##	[8250,]	0.000000e+00	0.000000e+00	0	0
##	[8251,]	0.000000e+00	0.000000e+00	0	0
##	[8252,]	6.084000e+03	1.018081e+06	558009	4
##	[8253,]	0.000000e+00	0.000000e+00	1	0
##	[8254,]	0.000000e+00	0.000000e+00	1	0

##	[8255,]	0.000000e+00	0.000000e+00	0	0
##	[8256,]	9.000000e+00	1.764000e+03	6241	0
##	[8257,]	0.000000e+00	0.000000e+00	0	0
##	[8258,]	0.000000e+00	0.000000e+00	0	0
##	[8259,]	0.000000e+00	0.000000e+00	0	0
##	[8260,]	3.240000e+02	9.000000e+00	16	0
##	[8261,]	0.000000e+00	0.000000e+00	0	0
##	[8262,]	0.000000e+00	0.000000e+00	0	0
##	[8263,]	2.500000e+01	4.000000e+00	4	0
##	[8264,]	0.000000e+00	0.000000e+00	0	0
##	[8265,]	0.000000e+00	0.000000e+00	0	0
##	[8266,]	4.096000e+03	3.769960e+05	1117249	0
##	[8267,]	0.000000e+00	0.000000e+00	0	0
##	[8268,]	1.000000e+00	2.250000e+02	1849	0
##	[8269,]	0.000000e+00	0.000000e+00	0	0
##	[8270,]	0.000000e+00	0.000000e+00	0	0
##	[8271,]	0.000000e+00	1.600000e+01	1	0
##	[8272,]	0.000000e+00	0.000000e+00	0	0
##	[8273,]	0.000000e+00	0.000000e+00	0	0
##	[8274,]	0.000000e+00	0.000000e+00	0	0
##	[8275,]	0.000000e+00	0.000000e+00	0	0
##	[8276,]	0.000000e+00	0.000000e+00	0	0
##	[8277,]	4.719690e+05	1.690000e+06	196	0
##	[8278,]	9.000000e+00	4.000000e+00	0	0
##	[8279,]	0.000000e+00	0.000000e+00	0	0
##	[8280,]	0.000000e+00	0.000000e+00	0	0
##	[8281,]	0.000000e+00	8.100000e+01	729	4
##	[8282,]	4.000000e+00	1.000000e+00	36	0
##	[8283,]	0.000000e+00	0.000000e+00	0	0
##	[8284,]	0.000000e+00	0.000000e+00	0	0
##	[8285,]	3.648100e+04	1.322500e+04	3025	9
##	[8286,]	0.000000e+00	0.000000e+00	4	1
##	[8287,]	3.721000e+03	2.246760e+05	168100	9
##	[8288,]	3.651921e+06	1.613662e+08	51151104	324
##	[8289,]	0.000000e+00	0.000000e+00	0	0
##	[8290,]	0.000000e+00	9.000000e+00	0	0
##	[8291,]	0.000000e+00	0.000000e+00	0	0
##	[8292,]	0.000000e+00	0.000000e+00	0	0
##	[8293,]	0.000000e+00	0.000000e+00	0	0
##	[8294,]	0.000000e+00	0.000000e+00	0	0
##	[8295,]	0.000000e+00	0.000000e+00	0	0
##	[8296,]	7.569000e+03	1.600000e+01	0	0
##	[8297,]	0.000000e+00	0.000000e+00	0	0
##	[8298,]	0.000000e+00	0.000000e+00	0	0
##	[8299,]	0.000000e+00	0.000000e+00	0	0
##	[8300,]	0.000000e+00	0.000000e+00	0	0
##	[8301,]	0.000000e+00	0.000000e+00	0	0
##	[8302,]	0.000000e+00	0.000000e+00	0	0
##	[8303,]	0.000000e+00	0.000000e+00	0	0
##	[8304,]	0.000000e+00	0.000000e+00	0	0
##	[8305,]	5.953600e+04	4.556250e+05	25	0
##	[8306,]	0.000000e+00	1.000000e+00	0	0
##	[8307,]	0.000000e+00	0.000000e+00	0	0
##	[8308,]	0.000000e+00	0.000000e+00	0	0

##	[8309,]	0.000000e+00	0.000000e+00	0	0
##	[8310,]	0.000000e+00	0.000000e+00	0	0
##	[8311,]	0.000000e+00	1.000000e+00	0	0
##	[8312,]	0.000000e+00	9.000000e+00	0	0
##	[8313,]	0.000000e+00	0.000000e+00	0	0
##	[8314,]	0.000000e+00	0.000000e+00	0	0
##	[8315,]	0.000000e+00	0.000000e+00	0	0
##	[8316,]	0.000000e+00	0.000000e+00	0	0
##	[8317,]	2.102500e+04	4.382440e+05	16	0
##	[8318,]	0.000000e+00	0.000000e+00	0	0
##	[8319,]	0.000000e+00	0.000000e+00	0	0
##	[8320,]	0.000000e+00	0.000000e+00	0	0
##	[8321,]	0.000000e+00	0.000000e+00	0	0
##	[8322,]	0.000000e+00	6.400000e+01	0	0
##	[8323,]	0.000000e+00	0.000000e+00	0	0
##	[8324,]	0.000000e+00	0.000000e+00	0	0
##	[8325,]	2.890000e+02	6.400000e+01	1	0
##	[8326,]	0.000000e+00	4.000000e+00	0	0
##	[8327,]	6.150400e+04	1.471369e+06	195364	0
##	[8328,]	0.000000e+00	0.000000e+00	0	0
##	[8329,]	0.000000e+00	0.000000e+00	0	0
##	[8330,]	0.000000e+00	0.000000e+00	0	0
##	[8331,]	0.000000e+00	0.000000e+00	0	0
##	[8332,]	0.000000e+00	0.000000e+00	0	0
##	[8333,]	8.064040e+05	2.415722e+07	4064256	36
##	[8334,]	0.000000e+00	1.000000e+00	0	0
##	[8335,]	7.569000e+03	2.304000e+03	484	4
##	[8336,]	0.000000e+00	4.000000e+00	121	0
##	[8337,]	1.089000e+03	2.689600e+04	11236	1
##	[8338,]	0.000000e+00	0.000000e+00	0	0
##	[8339,]	0.000000e+00	0.000000e+00	0	0
##	[8340,]	0.000000e+00	1.000000e+00	0	0
##	[8341,]	0.000000e+00	0.000000e+00	0	0
##	[8342,]	0.000000e+00	1.000000e+00	0	0
##	[8343,]	0.000000e+00	0.000000e+00	1	0
##	[8344,]	0.000000e+00	4.000000e+00	49	4
##	[8345,]	0.000000e+00	0.000000e+00	0	0
##	[8346,]	2.209000e+03	9.000000e+02	361	0
##	[8347,]	0.000000e+00	0.000000e+00	0	0
##	[8348,]	0.000000e+00	0.000000e+00	0	0
##	[8349,]	1.690000e+02	1.638400e+04	6724	0
##	[8350,]	1.584040e+05	6.471936e+06	1012036	4
##	[8351,]	0.000000e+00	0.000000e+00	0	0
##	[8352,]	0.000000e+00	0.000000e+00	0	0
##	[8353,]	0.000000e+00	0.000000e+00	0	0
##	[8354,]	0.000000e+00	0.000000e+00	0	0
##	[8355,]	0.000000e+00	0.000000e+00	0	0
##	[8356,]	0.000000e+00	0.000000e+00	0	0
##	[8357,]	0.000000e+00	0.000000e+00	0	0
##	[8358,]	0.000000e+00	0.000000e+00	0	0
##	[8359,]	0.000000e+00	0.000000e+00	0	0
##	[8360,]	2.464900e+04	5.290000e+02	0	0
##	[8361,]	0.000000e+00	0.000000e+00	0	0
##	[8362,]	0.000000e+00	4.000000e+00	9	0

##	[8363,]	4.000000e+04	4.052169e+06	746496	9
##	[8364,]	0.000000e+00	0.000000e+00	0	0
##	[8365,]	0.000000e+00	0.000000e+00	4	0
##	[8366,]	0.000000e+00	1.000000e+00	0	0
##	[8367,]	0.000000e+00	0.000000e+00	0	0
##	[8368,]	5.290000e+02	4.000000e+02	16	1
##	[8369,]	0.000000e+00	0.000000e+00	0	0
##	[8370,]	4.900000e+01	7.921000e+03	4356	1
##	[8371,]	0.000000e+00	1.000000e+00	16	0
##	[8372,]	0.000000e+00	0.000000e+00	0	0
##	[8373,]	3.600000e+01	4.096000e+03	6241	1
##	[8374,]	1.000000e+00	0.000000e+00	4	0
##	[8375,]	0.000000e+00	0.000000e+00	0	0
##	[8376,]	1.960000e+02	6.400000e+01	4	0
##	[8377,]	0.000000e+00	0.000000e+00	0	0
##	[8378,]	0.000000e+00	0.000000e+00	1	0
##	[8379,]	0.000000e+00	0.000000e+00	0	0
##	[8380,]	1.081600e+04	1.643524e+06	1067089	36
##	[8381,]	0.000000e+00	0.000000e+00	0	1
##	[8382,]	9.000000e+00	1.000000e+00	49	0
##	[8383,]	1.000000e+00	0.000000e+00	4	0
##	[8384,]	0.000000e+00	0.000000e+00	4	0
##	[8385,]	0.000000e+00	0.000000e+00	0	0
##	[8386,]	4.000000e+00	4.410000e+02	5929	0
##	[8387,]	3.969000e+03	5.416960e+05	3207681	1
##	[8388,]	0.000000e+00	0.000000e+00	0	0
##	[8389,]	0.000000e+00	0.000000e+00	0	0
##	[8390,]	0.000000e+00	0.000000e+00	0	0
##	[8391,]	0.000000e+00	0.000000e+00	0	0
##	[8392,]	0.000000e+00	0.000000e+00	0	0
##	[8393,]	4.006890e+05	1.860496e+06	81	0
##	[8394,]	0.000000e+00	0.000000e+00	0	0
##	[8395,]	0.000000e+00	0.000000e+00	0	0
##	[8396,]	0.000000e+00	0.000000e+00	0	0
##	[8397,]	0.000000e+00	0.000000e+00	0	0
##	[8398,]	0.000000e+00	9.000000e+00	0	0
##	[8399,]	0.000000e+00	4.000000e+00	0	0
##	[8400,]	0.000000e+00	0.000000e+00	0	0
##	[8401,]	3.025000e+03	2.143690e+05	153664	9
##	[8402,]	0.000000e+00	0.000000e+00	0	0
##	[8403,]	1.000000e+00	1.600000e+01	676	0
##	[8404,]	4.214809e+06	1.500625e+08	68707521	729
##	[8405,]	4.000000e+00	2.500000e+01	0	0
##	[8406,]	0.000000e+00	0.000000e+00	0	0
##	[8407,]	0.000000e+00	0.000000e+00	0	0
##	[8408,]	0.000000e+00	0.000000e+00	0	0
##	[8409,]	0.000000e+00	1.000000e+00	4	0
##	[8410,]	1.060900e+04	1.849600e+04	3364	16
##	[8411,]	0.000000e+00	0.000000e+00	0	0
##	[8412,]	0.000000e+00	0.000000e+00	0	0
##	[8413,]	0.000000e+00	0.000000e+00	0	0
##	[8414,]	0.000000e+00	0.000000e+00	0	0
##	[8415,]	0.000000e+00	0.000000e+00	0	0
##	[8416,]	0.000000e+00	0.000000e+00	0	0

##	[8417,]	0.000000e+00	0.000000e+00	0	0
##	[8418,]	4.096000e+03	8.100000e+01	0	0
##	[8419,]	0.000000e+00	0.000000e+00	0	0
##	[8420,]	0.000000e+00	0.000000e+00	0	0
##	[8421,]	4.000000e+00	0.000000e+00	0	0
##	[8422,]	0.000000e+00	0.000000e+00	0	0
##	[8423,]	0.000000e+00	0.000000e+00	0	0
##	[8424,]	0.000000e+00	0.000000e+00	0	0
##	[8425,]	3.385600e+04	2.621440e+05	0	0
##	[8426,]	0.000000e+00	0.000000e+00	0	0
##	[8427,]	4.000000e+00	4.000000e+00	0	0
##	[8428,]	0.000000e+00	0.000000e+00	0	0
##	[8429,]	0.000000e+00	0.000000e+00	0	0
##	[8430,]	0.000000e+00	0.000000e+00	0	0
##	[8431,]	0.000000e+00	0.000000e+00	0	0
##	[8432,]	0.000000e+00	0.000000e+00	0	0
##	[8433,]	0.000000e+00	0.000000e+00	0	0
##	[8434,]	0.000000e+00	0.000000e+00	0	0
##	[8435,]	0.000000e+00	1.000000e+00	0	0
##	[8436,]	4.000000e+00	1.000000e+00	0	0
##	[8437,]	2.340900e+04	3.091360e+05	25	0
##	[8438,]	0.000000e+00	0.000000e+00	0	0
##	[8439,]	0.000000e+00	0.000000e+00	0	0
##	[8440,]	0.000000e+00	0.000000e+00	0	0
##	[8441,]	0.000000e+00	0.000000e+00	0	0
##	[8442,]	0.000000e+00	0.000000e+00	0	0
##	[8443,]	0.000000e+00	1.000000e+00	1	0
##	[8444,]	0.000000e+00	0.000000e+00	0	0
##	[8445,]	0.000000e+00	0.000000e+00	0	0
##	[8446,]	0.000000e+00	6.400000e+01	16	0
##	[8447,]	0.000000e+00	0.000000e+00	0	0
##	[8448,]	2.500000e+01	1.440000e+02	0	0
##	[8449,]	6.656400e+04	1.221025e+06	258064	0
##	[8450,]	0.000000e+00	0.000000e+00	0	0
##	[8451,]	0.000000e+00	1.000000e+00	0	0
##	[8452,]	0.000000e+00	0.000000e+00	0	0
##	[8453,]	3.136000e+03	3.025000e+03	196	1
##	[8454,]	4.000000e+00	4.000000e+00	0	0
##	[8455,]	6.760000e+02	2.788900e+04	16384	0
##	[8456,]	0.000000e+00	0.000000e+00	0	0
##	[8457,]	0.000000e+00	0.000000e+00	0	0
##	[8458,]	0.000000e+00	0.000000e+00	0	0
##	[8459,]	9.920160e+05	2.360016e+07	4507129	100
##	[8460,]	0.000000e+00	1.000000e+00	64	0
##	[8461,]	0.000000e+00	0.000000e+00	0	0
##	[8462,]	0.000000e+00	1.000000e+00	0	0
##	[8463,]	0.000000e+00	0.000000e+00	0	0
##	[8464,]	0.000000e+00	0.000000e+00	0	0
##	[8465,]	0.000000e+00	0.000000e+00	0	0
##	[8466,]	1.000000e+00	4.000000e+00	121	0
##	[8467,]	0.000000e+00	0.000000e+00	0	0
##	[8468,]	1.953640e+05	6.056521e+06	1320201	25
##	[8469,]	1.960000e+02	1.368900e+04	8836	1
##	[8470,]	5.760000e+02	9.000000e+02	144	4

##	[8471,]	0.000000e+00	0.000000e+00	0	0
##	[8472,]	0.000000e+00	0.000000e+00	0	0
##	[8473,]	0.000000e+00	0.000000e+00	0	0
##	[8474,]	0.000000e+00	0.000000e+00	0	0
##	[8475,]	0.000000e+00	0.000000e+00	0	0
##	[8476,]	0.000000e+00	0.000000e+00	0	0
##	[8477,]	0.000000e+00	0.000000e+00	0	0
##	[8478,]	0.000000e+00	0.000000e+00	0	0
##	[8479,]	1.488400e+04	1.600000e+03	0	0
##	[8480,]	0.000000e+00	0.000000e+00	0	0
##	[8481,]	4.752400e+04	3.678724e+06	958441	1
##	[8482,]	0.000000e+00	0.000000e+00	16	0
##	[8483,]	0.000000e+00	0.000000e+00	0	0
##	[8484,]	0.000000e+00	0.000000e+00	0	0
##	[8485,]	1.440000e+02	4.840000e+02	196	1
##	[8486,]	0.000000e+00	0.000000e+00	0	0
##	[8487,]	0.000000e+00	1.000000e+00	0	0
##	[8488,]	0.000000e+00	0.000000e+00	0	0
##	[8489,]	6.400000e+01	7.569000e+03	2500	1
##	[8490,]	0.000000e+00	0.000000e+00	0	0
##	[8491,]	2.500000e+01	4.225000e+03	5625	1
##	[8492,]	0.000000e+00	0.000000e+00	0	0
##	[8493,]	0.000000e+00	1.000000e+00	0	0
##	[8494,]	0.000000e+00	0.000000e+00	1	0
##	[8495,]	8.836000e+03	1.466521e+06	1876900	16
##	[8496,]	0.000000e+00	0.000000e+00	0	0
##	[8497,]	2.500000e+01	1.440000e+02	25	0
##	[8498,]	0.000000e+00	0.000000e+00	0	0
##	[8499,]	0.000000e+00	0.000000e+00	0	0
##	[8500,]	0.000000e+00	0.000000e+00	4	0
##	[8501,]	0.000000e+00	0.000000e+00	0	0
##	[8502,]	0.000000e+00	0.000000e+00	0	0
##	[8503,]	0.000000e+00	0.000000e+00	0	0
##	[8504,]	2.025000e+03	4.858090e+05	4665600	49
##	[8505,]	0.000000e+00	0.000000e+00	1	0
##	[8506,]	0.000000e+00	0.000000e+00	0	0
##	[8507,]	4.000000e+00	3.610000e+02	1681	0
##	[8508,]	0.000000e+00	0.000000e+00	0	0
##	[8509,]	1.000000e+00	2.500000e+01	169	0
##	[8510,]	0.000000e+00	0.000000e+00	0	0
##	[8511,]	2.735290e+05	1.247689e+06	25	0
##	[8512,]	0.000000e+00	0.000000e+00	0	0
##	[8513,]	1.600000e+01	1.000000e+00	0	0
##	[8514,]	4.000000e+00	9.000000e+00	0	0
##	[8515,]	0.000000e+00	0.000000e+00	0	0
##	[8516,]	0.000000e+00	0.000000e+00	0	0
##	[8517,]	0.000000e+00	0.000000e+00	0	0
##	[8518,]	0.000000e+00	0.000000e+00	0	0
##	[8519,]	0.000000e+00	0.000000e+00	0	0
##	[8520,]	0.000000e+00	0.000000e+00	0	0
##	[8521,]	3.222025e+06	1.536608e+08	82791801	576
##	[8522,]	0.000000e+00	0.000000e+00	0	0
##	[8523,]	0.000000e+00	4.000000e+00	0	0
##	[8524,]	0.000000e+00	1.000000e+00	4	0

##	[8525,]	1.764000e+03	1.857610e+05	202500	4
##	[8526,]	0.000000e+00	0.000000e+00	0	0
##	[8527,]	1.464100e+04	3.276100e+04	8836	9
##	[8528,]	0.000000e+00	0.000000e+00	0	0
##	[8529,]	0.000000e+00	8.100000e+01	2209	0
##	[8530,]	0.000000e+00	0.000000e+00	1	0
##	[8531,]	0.000000e+00	0.000000e+00	0	0
##	[8532,]	3.481000e+03	2.500000e+01	0	0
##	[8533,]	0.000000e+00	0.000000e+00	0	0
##	[8534,]	0.000000e+00	0.000000e+00	0	0
##	[8535,]	0.000000e+00	0.000000e+00	0	0
##	[8536,]	0.000000e+00	0.000000e+00	0	0
##	[8537,]	0.000000e+00	0.000000e+00	0	0
##	[8538,]	0.000000e+00	0.000000e+00	0	0
##	[8539,]	0.000000e+00	0.000000e+00	0	0
##	[8540,]	0.000000e+00	0.000000e+00	0	0
##	[8541,]	0.000000e+00	0.000000e+00	0	0
##	[8542,]	0.000000e+00	0.000000e+00	0	0
##	[8543,]	0.000000e+00	1.000000e+00	0	0
##	[8544,]	0.000000e+00	0.000000e+00	0	0
##	[8545,]	0.000000e+00	0.000000e+00	0	0
##	[8546,]	0.000000e+00	0.000000e+00	0	0
##	[8547,]	0.000000e+00	0.000000e+00	0	0
##	[8548,]	0.000000e+00	0.000000e+00	0	0
##	[8549,]	2.958400e+04	2.520040e+05	9	0
##	[8550,]	0.000000e+00	0.000000e+00	0	0
##	[8551,]	0.000000e+00	0.000000e+00	0	0
##	[8552,]	0.000000e+00	0.000000e+00	0	0
##	[8553,]	0.000000e+00	0.000000e+00	0	0
##	[8554,]	2.500000e+01	0.000000e+00	0	0
##	[8555,]	0.000000e+00	0.000000e+00	0	0
##	[8556,]	0.000000e+00	0.000000e+00	0	0
##	[8557,]	1.932100e+04	3.528360e+05	16	0
##	[8558,]	0.000000e+00	1.000000e+00	0	0
##	[8559,]	0.000000e+00	0.000000e+00	0	0
##	[8560,]	0.000000e+00	4.000000e+00	0	0
##	[8561,]	0.000000e+00	0.000000e+00	0	0
##	[8562,]	0.000000e+00	0.000000e+00	0	0
##	[8563,]	0.000000e+00	0.000000e+00	16	0
##	[8564,]	0.000000e+00	0.000000e+00	0	0
##	[8565,]	0.000000e+00	0.000000e+00	0	0
##	[8566,]	6.400900e+04	1.437601e+06	375769	1
##	[8567,]	0.000000e+00	0.000000e+00	0	0
##	[8568,]	1.210000e+02	2.250000e+02	25	0
##	[8569,]	0.000000e+00	0.000000e+00	0	0
##	[8570,]	4.900000e+01	4.900000e+01	25	0
##	[8571,]	0.000000e+00	0.000000e+00	0	0
##	[8572,]	7.378810e+05	2.470090e+07	4981824	25
##	[8573,]	3.481000e+03	6.561000e+03	1849	1
##	[8574,]	0.000000e+00	3.600000e+01	289	0
##	[8575,]	0.000000e+00	0.000000e+00	0	0
##	[8576,]	4.000000e+02	2.250000e+04	28561	1
##	[8577,]	0.000000e+00	0.000000e+00	0	0
##	[8578,]	0.000000e+00	0.000000e+00	0	0

##	[8579,]	0.000000e+00	0.000000e+00	0	0
##	[8580,]	0.000000e+00	0.000000e+00	0	0
##	[8581,]	0.000000e+00	1.000000e+00	225	0
##	[8582,]	8.100000e+01	1.664100e+04	7056	0
##	[8583,]	0.000000e+00	0.000000e+00	0	0
##	[8584,]	0.000000e+00	1.000000e+00	0	0
##	[8585,]	3.610000e+02	1.764000e+03	441	0
##	[8586,]	0.000000e+00	0.000000e+00	0	0
##	[8587,]	0.000000e+00	0.000000e+00	0	0
##	[8588,]	1.466890e+05	5.803281e+06	1368900	36
##	[8589,]	0.000000e+00	0.000000e+00	0	0
##	[8590,]	0.000000e+00	0.000000e+00	0	0
##	[8591,]	0.000000e+00	0.000000e+00	0	0
##	[8592,]	1.488400e+04	9.000000e+02	0	0
##	[8593,]	0.000000e+00	0.000000e+00	0	0
##	[8594,]	0.000000e+00	0.000000e+00	0	0
##	[8595,]	0.000000e+00	0.000000e+00	0	0
##	[8596,]	0.000000e+00	0.000000e+00	0	0
##	[8597,]	0.000000e+00	0.000000e+00	0	0
##	[8598,]	4.000000e+00	0.000000e+00	0	0
##	[8599,]	0.000000e+00	0.000000e+00	0	0
##	[8600,]	0.000000e+00	0.000000e+00	0	0
##	[8601,]	0.000000e+00	1.000000e+00	0	0
##	[8602,]	0.000000e+00	0.000000e+00	0	0
##	[8603,]	4.410000e+02	6.250000e+02	144	0
##	[8604,]	2.958400e+04	3.352561e+06	1274641	25
##	[8605,]	0.000000e+00	0.000000e+00	0	0
##	[8606,]	2.500000e+01	6.400000e+03	5041	1
##	[8607,]	0.000000e+00	1.000000e+00	0	0
##	[8608,]	0.000000e+00	4.000000e+00	64	0
##	[8609,]	0.000000e+00	0.000000e+00	0	0
##	[8610,]	0.000000e+00	0.000000e+00	0	0
##	[8611,]	0.000000e+00	2.025000e+03	8281	0
##	[8612,]	0.000000e+00	0.000000e+00	0	0
##	[8613,]	0.000000e+00	0.000000e+00	0	0
##	[8614,]	0.000000e+00	0.000000e+00	0	0
##	[8615,]	0.000000e+00	0.000000e+00	9	0
##	[8616,]	0.000000e+00	0.000000e+00	0	0
##	[8617,]	0.000000e+00	0.000000e+00	0	0
##	[8618,]	0.000000e+00	0.000000e+00	0	0
##	[8619,]	6.084000e+03	1.510441e+06	2310400	9
##	[8620,]	8.100000e+01	6.400000e+01	64	1
##	[8621,]	0.000000e+00	0.000000e+00	0	0
##	[8622,]	0.000000e+00	0.000000e+00	0	0
##	[8623,]	0.000000e+00	0.000000e+00	1	0
##	[8624,]	0.000000e+00	0.000000e+00	0	0
##	[8625,]	0.000000e+00	0.000000e+00	0	0
##	[8626,]	0.000000e+00	0.000000e+00	4	0
##	[8627,]	0.000000e+00	0.000000e+00	0	0
##	[8628,]	4.000000e+00	1.000000e+02	25	1
##	[8629,]	2.500000e+03	5.745640e+05	5929225	16
##	[8630,]	1.000000e+00	4.000000e+02	900	0
##	[8631,]	4.900000e+01	1.000000e+00	0	0
##	[8632,]	0.000000e+00	0.000000e+00	0	0

##	[8633,]	0.000000e+00	0.000000e+00	0	0
##	[8634,]	0.000000e+00	0.000000e+00	0	0
##	[8635,]	2.420640e+05	1.279161e+06	49	0
##	[8636,]	0.000000e+00	4.000000e+00	0	0
##	[8637,]	0.000000e+00	0.000000e+00	0	0
##	[8638,]	0.000000e+00	1.000000e+00	0	0
##	[8639,]	0.000000e+00	0.000000e+00	0	0
##	[8640,]	0.000000e+00	0.000000e+00	0	0
##	[8641,]	0.000000e+00	0.000000e+00	0	0
##	[8642,]	4.000000e+00	1.000000e+00	1	0
##	[8643,]	0.000000e+00	0.000000e+00	0	0
##	[8644,]	1.000000e+00	4.000000e+00	2116	0
##	[8645,]	7.840000e+02	1.332250e+05	243049	16
##	[8646,]	0.000000e+00	0.000000e+00	1	0
##	[8647,]	7.921000e+03	1.232100e+04	2401	0
##	[8648,]	1.790244e+06	1.322040e+08	96079204	1296
##	[8649,]	0.000000e+00	0.000000e+00	0	0
##	[8650,]	0.000000e+00	0.000000e+00	0	0
##	[8651,]	0.000000e+00	0.000000e+00	0	0
##	[8652,]	3.136000e+03	3.600000e+01	0	0
##	[8653,]	0.000000e+00	0.000000e+00	0	0
##	[8654,]	0.000000e+00	0.000000e+00	0	0
##	[8655,]	0.000000e+00	0.000000e+00	0	0
##	[8656,]	0.000000e+00	0.000000e+00	0	0
##	[8657,]	0.000000e+00	0.000000e+00	0	0
##	[8658,]	0.000000e+00	0.000000e+00	0	0
##	[8659,]	0.000000e+00	0.000000e+00	0	0
##	[8660,]	0.000000e+00	0.000000e+00	0	0
##	[8661,]	0.000000e+00	0.000000e+00	0	0
##	[8662,]	0.000000e+00	0.000000e+00	0	0
##	[8663,]	0.000000e+00	0.000000e+00	0	0
##	[8664,]	0.000000e+00	0.000000e+00	0	0
##	[8665,]	0.000000e+00	0.000000e+00	0	0
##	[8666,]	0.000000e+00	0.000000e+00	0	0
##	[8667,]	4.972900e+04	2.460160e+05	4	0
##	[8668,]	0.000000e+00	4.000000e+00	0	0
##	[8669,]	0.000000e+00	0.000000e+00	0	0
##	[8670,]	0.000000e+00	0.000000e+00	0	0
##	[8671,]	8.649000e+03	2.970250e+05	16	1
##	[8672,]	0.000000e+00	1.600000e+01	0	0
##	[8673,]	0.000000e+00	0.000000e+00	0	0
##	[8674,]	0.000000e+00	0.000000e+00	0	0
##	[8675,]	0.000000e+00	0.000000e+00	0	0
##	[8676,]	0.000000e+00	0.000000e+00	0	0
##	[8677,]	0.000000e+00	0.000000e+00	0	0
##	[8678,]	0.000000e+00	0.000000e+00	0	0
##	[8679,]	1.000000e+00	0.000000e+00	0	0
##	[8680,]	0.000000e+00	1.000000e+00	1	0
##	[8681,]	1.000000e+00	4.900000e+01	25	0
##	[8682,]	3.763600e+04	1.166400e+06	315844	1
##	[8683,]	0.000000e+00	1.000000e+00	4	0
##	[8684,]	0.000000e+00	0.000000e+00	0	0
##	[8685,]	0.000000e+00	0.000000e+00	0	0
##	[8686,]	0.000000e+00	0.000000e+00	0	0

##	[8687,]	2.250000e+02	1.690000e+02	4	0
##	[8688,]	0.000000e+00	0.000000e+00	0	0
##	[8689,]	0.000000e+00	0.000000e+00	0	0
##	[8690,]	0.000000e+00	0.000000e+00	0	0
##	[8691,]	0.000000e+00	0.000000e+00	0	0
##	[8692,]	2.560000e+02	2.160900e+04	25600	4
##	[8693,]	1.000000e+00	0.000000e+00	0	0
##	[8694,]	0.000000e+00	0.000000e+00	0	0
##	[8695,]	0.000000e+00	0.000000e+00	0	0
##	[8696,]	1.000000e+00	0.000000e+00	324	0
##	[8697,]	1.156000e+03	2.704000e+03	289	0
##	[8698,]	0.000000e+00	0.000000e+00	0	0
##	[8699,]	3.588010e+05	2.148322e+07	4674244	64
##	[8700,]	0.000000e+00	0.000000e+00	0	0
##	[8701,]	0.000000e+00	1.000000e+00	256	0
##	[8702,]	6.250000e+04	5.175625e+06	1361889	25
##	[8703,]	0.000000e+00	0.000000e+00	0	0
##	[8704,]	1.000000e+00	0.000000e+00	0	0
##	[8705,]	0.000000e+00	0.000000e+00	0	0
##	[8706,]	4.410000e+02	3.240000e+02	144	0
##	[8707,]	0.000000e+00	0.000000e+00	0	0
##	[8708,]	0.000000e+00	0.000000e+00	0	0
##	[8709,]	0.000000e+00	0.000000e+00	0	0
##	[8710,]	4.900000e+01	5.625000e+03	7744	0
##	[8711,]	8.649000e+03	1.936000e+03	0	0
##	[8712,]	0.000000e+00	0.000000e+00	0	0
##	[8713,]	0.000000e+00	0.000000e+00	0	0
##	[8714,]	0.000000e+00	0.000000e+00	0	0
##	[8715,]	0.000000e+00	0.000000e+00	0	0
##	[8716,]	0.000000e+00	0.000000e+00	0	0
##	[8717,]	0.000000e+00	0.000000e+00	0	0
##	[8718,]	0.000000e+00	0.000000e+00	0	0
##	[8719,]	0.000000e+00	0.000000e+00	0	0
##	[8720,]	0.000000e+00	0.000000e+00	0	0
##	[8721,]	0.000000e+00	0.000000e+00	0	0
##	[8722,]	2.528100e+04	2.729104e+06	1354896	36
##	[8723,]	1.000000e+02	2.560000e+02	81	0
##	[8724,]	9.000000e+00	6.241000e+03	5929	1
##	[8725,]	0.000000e+00	0.000000e+00	0	0
##	[8726,]	0.000000e+00	0.000000e+00	0	0
##	[8727,]	0.000000e+00	0.000000e+00	36	0
##	[8728,]	0.000000e+00	0.000000e+00	0	0
##	[8729,]	0.000000e+00	0.000000e+00	0	0
##	[8730,]	0.000000e+00	0.000000e+00	0	0
##	[8731,]	0.000000e+00	0.000000e+00	0	0
##	[8732,]	1.000000e+00	1.764000e+03	14400	0
##	[8733,]	4.356000e+03	1.069156e+06	3045025	100
##	[8734,]	0.000000e+00	0.000000e+00	9	0
##	[8735,]	0.000000e+00	0.000000e+00	0	0
##	[8736,]	2.500000e+01	8.100000e+01	25	0
##	[8737,]	0.000000e+00	0.000000e+00	0	0
##	[8738,]	0.000000e+00	0.000000e+00	0	0
##	[8739,]	0.000000e+00	0.000000e+00	1	0
##	[8740,]	0.000000e+00	1.000000e+00	0	0

##	[8741,]	0.000000e+00	0.000000e+00	0	0
##	[8742,]	0.000000e+00	0.000000e+00	0	0
##	[8743,]	0.000000e+00	0.000000e+00	1	0
##	[8744,]	0.000000e+00	0.000000e+00	0	0
##	[8745,]	4.900000e+03	6.756840e+05	9012004	36
##	[8746,]	1.600000e+01	9.000000e+00	16	0
##	[8747,]	0.000000e+00	0.000000e+00	0	0
##	[8748,]	0.000000e+00	0.000000e+00	0	0
##	[8749,]	0.000000e+00	2.250000e+02	1849	1
##	[8750,]	0.000000e+00	0.000000e+00	1	0
##	[8751,]	0.000000e+00	1.600000e+01	0	0
##	[8752,]	2.162250e+05	1.190281e+06	36	1
##	[8753,]	1.000000e+00	0.000000e+00	0	0
##	[8754,]	0.000000e+00	9.000000e+00	1	0
##	[8755,]	0.000000e+00	0.000000e+00	0	0
##	[8756,]	0.000000e+00	0.000000e+00	0	0
##	[8757,]	0.000000e+00	0.000000e+00	0	0
##	[8758,]	0.000000e+00	0.000000e+00	0	0
##	[8759,]	0.000000e+00	0.000000e+00	0	0
##	[8760,]	0.000000e+00	0.000000e+00	0	0
##	[8761,]	6.740410e+05	5.942868e+07	38887696	625
##	[8762,]	0.000000e+00	0.000000e+00	0	0
##	[8763,]	2.916000e+03	1.081600e+04	3481	0
##	[8764,]	6.760000e+02	7.672900e+04	128881	9
##	[8765,]	0.000000e+00	9.000000e+00	1	0
##	[8766,]	0.000000e+00	0.000000e+00	0	0
##	[8767,]	0.000000e+00	0.000000e+00	0	0
##	[8768,]	1.000000e+00	9.000000e+00	900	0
##	[8769,]	0.000000e+00	0.000000e+00	0	0
##	[8770,]	0.000000e+00	1.000000e+00	0	0
##	[8771,]	0.000000e+00	0.000000e+00	0	0
##	[8772,]	0.000000e+00	0.000000e+00	0	0
##	[8773,]	0.000000e+00	0.000000e+00	0	0
##	[8774,]	4.096000e+03	4.900000e+01	0	0
##	[8775,]	0.000000e+00	0.000000e+00	0	0
##	[8776,]	0.000000e+00	0.000000e+00	0	0
##	[8777,]	0.000000e+00	0.000000e+00	0	0
##	[8778,]	0.000000e+00	0.000000e+00	0	0
##	[8779,]	0.000000e+00	0.000000e+00	0	0
##	[8780,]	0.000000e+00	0.000000e+00	0	0
##	[8781,]	0.000000e+00	0.000000e+00	0	0
##	[8782,]	0.000000e+00	4.000000e+00	0	0
##	[8783,]	0.000000e+00	0.000000e+00	0	0
##	[8784,]	0.000000e+00	0.000000e+00	0	0
##	[8785,]	0.000000e+00	0.000000e+00	0	0
##	[8786,]	0.000000e+00	0.000000e+00	0	0
##	[8787,]	2.402500e+04	1.892250e+05	0	0
##	[8788,]	0.000000e+00	1.000000e+00	0	0
##	[8789,]	0.000000e+00	0.000000e+00	0	0
##	[8790,]	0.000000e+00	0.000000e+00	0	0
##	[8791,]	0.000000e+00	0.000000e+00	0	0
##	[8792,]	0.000000e+00	0.000000e+00	0	0
##	[8793,]	0.000000e+00	0.000000e+00	0	0
##	[8794,]	0.000000e+00	0.000000e+00	0	0

##	[8795,]	7.744000e+03	1.918440e+05	49	0
##	[8796,]	0.000000e+00	9.000000e+00	0	0
##	[8797,]	1.000000e+00	1.600000e+01	0	0
##	[8798,]	0.000000e+00	0.000000e+00	0	0
##	[8799,]	0.000000e+00	0.000000e+00	0	0
##	[8800,]	0.000000e+00	0.000000e+00	0	0
##	[8801,]	0.000000e+00	8.100000e+01	1	0
##	[8802,]	0.000000e+00	0.000000e+00	0	0
##	[8803,]	0.000000e+00	0.000000e+00	0	0
##	[8804,]	0.000000e+00	0.000000e+00	0	0
##	[8805,]	0.000000e+00	0.000000e+00	0	0
##	[8806,]	0.000000e+00	0.000000e+00	1	0
##	[8807,]	2.016400e+04	7.499560e+05	270400	4
##	[8808,]	1.600000e+01	3.600000e+01	1	0
##	[8809,]	0.000000e+00	0.000000e+00	0	0
##	[8810,]	0.000000e+00	0.000000e+00	0	0
##	[8811,]	0.000000e+00	0.000000e+00	0	0
##	[8812,]	0.000000e+00	1.000000e+00	121	0
##	[8813,]	0.000000e+00	0.000000e+00	0	0
##	[8814,]	6.400000e+01	1.345600e+04	9604	9
##	[8815,]	0.000000e+00	0.000000e+00	0	0
##	[8816,]	0.000000e+00	4.000000e+00	0	0
##	[8817,]	3.610000e+02	2.116000e+03	576	0
##	[8818,]	0.000000e+00	0.000000e+00	0	0
##	[8819,]	1.560250e+05	1.062760e+07	2238016	16
##	[8820,]	0.000000e+00	1.000000e+00	0	0
##	[8821,]	0.000000e+00	0.000000e+00	0	0
##	[8822,]	0.000000e+00	0.000000e+00	0	0
##	[8823,]	0.000000e+00	1.000000e+00	121	0
##	[8824,]	0.000000e+00	0.000000e+00	1	0
##	[8825,]	4.900000e+01	4.096000e+03	3481	0
##	[8826,]	2.250000e+02	9.000000e+02	256	0
##	[8827,]	0.000000e+00	0.000000e+00	0	0
##	[8828,]	0.000000e+00	0.000000e+00	0	0
##	[8829,]	1.795600e+04	1.923769e+06	579121	25
##	[8830,]	0.000000e+00	0.000000e+00	0	0
##	[8831,]	0.000000e+00	0.000000e+00	0	0
##	[8832,]	0.000000e+00	0.000000e+00	0	0
##	[8833,]	0.000000e+00	0.000000e+00	0	0
##	[8834,]	0.000000e+00	0.000000e+00	0	0
##	[8835,]	1.060900e+04	2.809000e+03	0	0
##	[8836,]	0.000000e+00	0.000000e+00	0	0
##	[8837,]	0.000000e+00	0.000000e+00	0	0
##	[8838,]	0.000000e+00	0.000000e+00	0	0
##	[8839,]	0.000000e+00	0.000000e+00	0	0
##	[8840,]	0.000000e+00	0.000000e+00	0	0
##	[8841,]	8.100000e+01	1.210000e+02	49	0
##	[8842,]	0.000000e+00	0.000000e+00	0	0
##	[8843,]	0.000000e+00	0.000000e+00	0	0
##	[8844,]	0.000000e+00	1.000000e+00	25	0
##	[8845,]	0.000000e+00	0.000000e+00	0	0
##	[8846,]	8.100000e+01	1.849000e+03	3721	0
##	[8847,]	0.000000e+00	0.000000e+00	0	0
##	[8848,]	3.969000e+03	1.054729e+06	525625	16

##	[8849,]	0.000000e+00	1.000000e+00	0	0
##	[8850,]	0.000000e+00	0.000000e+00	0	0
##	[8851,]	2.500000e+01	8.100000e+01	49	0
##	[8852,]	1.000000e+00	0.000000e+00	1	0
##	[8853,]	2.809000e+03	4.569760e+05	1113025	16
##	[8854,]	0.000000e+00	0.000000e+00	0	0
##	[8855,]	0.000000e+00	0.000000e+00	0	0
##	[8856,]	1.000000e+00	9.610000e+02	4489	0
##	[8857,]	0.000000e+00	0.000000e+00	0	0
##	[8858,]	0.000000e+00	0.000000e+00	0	0
##	[8859,]	0.000000e+00	0.000000e+00	0	0
##	[8860,]	0.000000e+00	0.000000e+00	0	0
##	[8861,]	0.000000e+00	0.000000e+00	1	0
##	[8862,]	0.000000e+00	0.000000e+00	0	0
##	[8863,]	0.000000e+00	0.000000e+00	0	0
##	[8864,]	0.000000e+00	0.000000e+00	0	0
##	[8865,]	0.000000e+00	0.000000e+00	0	0
##	[8866,]	1.000000e+00	1.960000e+02	5329	0
##	[8867,]	1.156000e+03	2.430490e+05	2819041	36
##	[8868,]	4.000000e+00	4.000000e+00	16	0
##	[8869,]	0.000000e+00	0.000000e+00	0	0
##	[8870,]	0.000000e+00	0.000000e+00	0	0
##	[8871,]	0.000000e+00	0.000000e+00	0	0
##	[8872,]	0.000000e+00	0.000000e+00	0	0
##	[8873,]	0.000000e+00	0.000000e+00	0	0
##	[8874,]	0.000000e+00	0.000000e+00	0	0
##	[8875,]	0.000000e+00	0.000000e+00	0	0
##	[8876,]	0.000000e+00	0.000000e+00	0	0
##	[8877,]	1.000000e+00	3.600000e+01	0	0
##	[8878,]	0.000000e+00	1.600000e+01	0	0
##	[8879,]	1.681000e+05	8.704890e+05	49	0
##	[8880,]	0.000000e+00	0.000000e+00	0	0
##	[8881,]	0.000000e+00	0.000000e+00	1	0
##	[8882,]	8.410000e+02	7.784100e+04	200704	0
##	[8883,]	9.312250e+05	7.511689e+07	74597769	1849
##	[8884,]	0.000000e+00	0.000000e+00	0	0
##	[8885,]	0.000000e+00	0.000000e+00	0	0
##	[8886,]	0.000000e+00	0.000000e+00	0	0
##	[8887,]	1.000000e+00	1.000000e+02	841	0
##	[8888,]	0.000000e+00	0.000000e+00	0	0
##	[8889,]	5.476000e+03	9.604000e+03	5329	4
##	[8890,]	0.000000e+00	4.000000e+00	0	0
##	[8891,]	0.000000e+00	0.000000e+00	0	0
##	[8892,]	2.401000e+03	2.500000e+01	0	0
##	[8893,]	0.000000e+00	0.000000e+00	0	0
##	[8894,]	0.000000e+00	0.000000e+00	0	0
##	[8895,]	0.000000e+00	0.000000e+00	0	0
##	[8896,]	0.000000e+00	0.000000e+00	0	0
##	[8897,]	0.000000e+00	0.000000e+00	0	0
##	[8898,]	0.000000e+00	0.000000e+00	0	0
##	[8899,]	0.000000e+00	0.000000e+00	0	0
##	[8900,]	0.000000e+00	0.000000e+00	0	0
##	[8901,]	0.000000e+00	0.000000e+00	0	0
##	[8902,]	5.664400e+04	3.113640e+05	9	0

##	[8903,]	0.000000e+00	4.000000e+00	0	0
##	[8904,]	0.000000e+00	0.000000e+00	0	0
##	[8905,]	1.000000e+00	4.000000e+00	0	0
##	[8906,]	0.000000e+00	0.000000e+00	0	0
##	[8907,]	0.000000e+00	0.000000e+00	0	0
##	[8908,]	0.000000e+00	0.000000e+00	0	0
##	[8909,]	0.000000e+00	1.000000e+00	0	0
##	[8910,]	0.000000e+00	0.000000e+00	0	0
##	[8911,]	0.000000e+00	0.000000e+00	0	0
##	[8912,]	1.600000e+01	1.000000e+00	0	0
##	[8913,]	0.000000e+00	0.000000e+00	0	0
##	[8914,]	0.000000e+00	0.000000e+00	0	0
##	[8915,]	0.000000e+00	0.000000e+00	0	0
##	[8916,]	0.000000e+00	0.000000e+00	0	0
##	[8917,]	0.000000e+00	0.000000e+00	0	0
##	[8918,]	5.625000e+03	2.134440e+05	64	0
##	[8919,]	0.000000e+00	9.000000e+00	0	0
##	[8920,]	0.000000e+00	0.000000e+00	0	0
##	[8921,]	0.000000e+00	1.000000e+00	0	0
##	[8922,]	0.000000e+00	0.000000e+00	0	0
##	[8923,]	3.600000e+01	4.900000e+01	25	0
##	[8924,]	0.000000e+00	0.000000e+00	0	0
##	[8925,]	0.000000e+00	3.600000e+01	36	0
##	[8926,]	2.722500e+04	7.885440e+05	228484	0
##	[8927,]	0.000000e+00	0.000000e+00	0	0
##	[8928,]	0.000000e+00	0.000000e+00	0	0
##	[8929,]	0.000000e+00	1.000000e+00	0	0
##	[8930,]	0.000000e+00	0.000000e+00	0	0
##	[8931,]	0.000000e+00	0.000000e+00	0	0
##	[8932,]	0.000000e+00	0.000000e+00	0	0
##	[8933,]	0.000000e+00	0.000000e+00	0	0
##	[8934,]	1.000000e+00	9.000000e+00	225	0
##	[8935,]	1.681000e+03	2.500000e+03	676	0
##	[8936,]	1.764000e+05	1.259540e+07	2524921	49
##	[8937,]	0.000000e+00	0.000000e+00	0	0
##	[8938,]	0.000000e+00	0.000000e+00	0	0
##	[8939,]	0.000000e+00	0.000000e+00	0	0
##	[8940,]	4.840000e+02	1.488400e+04	14641	0
##	[8941,]	3.724900e+04	2.582449e+06	885481	49
##	[8942,]	0.000000e+00	0.000000e+00	0	0
##	[8943,]	0.000000e+00	0.000000e+00	0	0
##	[8944,]	1.600000e+01	4.225000e+03	6724	0
##	[8945,]	0.000000e+00	0.000000e+00	0	0
##	[8946,]	0.000000e+00	0.000000e+00	0	0
##	[8947,]	2.560000e+02	4.000000e+02	324	1
##	[8948,]	0.000000e+00	4.000000e+00	121	0
##	[8949,]	0.000000e+00	0.000000e+00	0	0
##	[8950,]	0.000000e+00	0.000000e+00	0	0
##	[8951,]	1.768900e+04	7.225000e+03	0	0
##	[8952,]	0.000000e+00	0.000000e+00	0	0
##	[8953,]	0.000000e+00	0.000000e+00	0	0
##	[8954,]	0.000000e+00	0.000000e+00	0	0
##	[8955,]	0.000000e+00	0.000000e+00	0	0
##	[8956,]	0.000000e+00	0.000000e+00	0	0

##	[8957,]	1.000000e+00	0.000000e+00	0	0
##	[8958,]	0.000000e+00	0.000000e+00	0	0
##	[8959,]	0.000000e+00	0.000000e+00	0	0
##	[8960,]	0.000000e+00	0.000000e+00	0	0
##	[8961,]	4.900000e+01	1.960000e+02	144	1
##	[8962,]	0.000000e+00	0.000000e+00	0	0
##	[8963,]	0.000000e+00	0.000000e+00	0	0
##	[8964,]	0.000000e+00	0.000000e+00	0	0
##	[8965,]	0.000000e+00	1.000000e+00	4	0
##	[8966,]	9.801000e+03	1.444804e+06	950625	121
##	[8967,]	0.000000e+00	0.000000e+00	0	0
##	[8968,]	9.000000e+00	2.401000e+03	3844	0
##	[8969,]	0.000000e+00	0.000000e+00	0	0
##	[8970,]	0.000000e+00	0.000000e+00	0	0
##	[8971,]	0.000000e+00	0.000000e+00	0	0
##	[8972,]	0.000000e+00	0.000000e+00	0	0
##	[8973,]	0.000000e+00	9.000000e+00	1	0
##	[8974,]	0.000000e+00	1.000000e+00	0	0
##	[8975,]	0.000000e+00	0.000000e+00	0	0
##	[8976,]	2.401000e+03	6.464160e+05	2268036	121
##	[8977,]	0.000000e+00	5.290000e+02	10000	0
##	[8978,]	1.000000e+00	2.500000e+01	36	0
##	[8979,]	0.000000e+00	0.000000e+00	0	0
##	[8980,]	0.000000e+00	0.000000e+00	0	0
##	[8981,]	0.000000e+00	0.000000e+00	0	0
##	[8982,]	0.000000e+00	0.000000e+00	0	0
##	[8983,]	0.000000e+00	0.000000e+00	0	0
##	[8984,]	0.000000e+00	0.000000e+00	0	0
##	[8985,]	0.000000e+00	0.000000e+00	0	0
##	[8986,]	0.000000e+00	1.960000e+02	5929	0
##	[8987,]	0.000000e+00	0.000000e+00	1	0
##	[8988,]	0.000000e+00	0.000000e+00	0	0
##	[8989,]	9.000000e+00	4.000000e+00	36	0
##	[8990,]	1.521000e+03	3.806890e+05	9909904	49
##	[8991,]	0.000000e+00	0.000000e+00	0	0
##	[8992,]	3.600000e+01	9.000000e+00	0	0
##	[8993,]	0.000000e+00	4.000000e+00	0	0
##	[8994,]	0.000000e+00	1.600000e+01	0	0
##	[8995,]	0.000000e+00	0.000000e+00	0	0
##	[8996,]	0.000000e+00	0.000000e+00	0	0
##	[8997,]	0.000000e+00	0.000000e+00	0	0
##	[8998,]	2.450250e+05	1.232100e+06	121	0
##	[8999,]	0.000000e+00	0.000000e+00	0	0
##	[9000,]	0.000000e+00	0.000000e+00	0	0
##	[9001,]	4.624000e+05	4.887408e+07	85045284	1089
##	[9002,]	0.000000e+00	0.000000e+00	0	0
##	[9003,]	4.225000e+03	1.537600e+04	4225	1
##	[9004,]	1.156000e+03	7.896100e+04	203401	25
##	[9005,]	0.000000e+00	0.000000e+00	0	0
##	[9006,]	0.000000e+00	0.000000e+00	0	0
##	[9007,]	0.000000e+00	0.000000e+00	0	0
##	[9008,]	0.000000e+00	1.000000e+00	1	0
##	[9009,]	0.000000e+00	4.000000e+00	0	4
##	[9010,]	1.000000e+00	1.000000e+00	1024	0

##	[9011,]	0.000000e+00	0.000000e+00	0	0
##	[9012,]	0.000000e+00	0.000000e+00	0	0
##	[9013,]	0.000000e+00	0.000000e+00	0	0
##	[9014,]	0.000000e+00	0.000000e+00	0	0
##	[9015,]	3.025000e+03	8.100000e+01	0	0
##	[9016,]	0.000000e+00	0.000000e+00	0	0
##	[9017,]	0.000000e+00	0.000000e+00	0	0
##	[9018,]	0.000000e+00	0.000000e+00	0	0
##	[9019,]	0.000000e+00	0.000000e+00	0	0
##	[9020,]	0.000000e+00	0.000000e+00	0	0
##	[9021,]	0.000000e+00	0.000000e+00	0	0
##	[9022,]	0.000000e+00	0.000000e+00	0	0
##	[9023,]	0.000000e+00	0.000000e+00	0	0
##	[9024,]	0.000000e+00	0.000000e+00	0	0
##	[9025,]	1.000000e+00	0.000000e+00	0	0
##	[9026,]	0.000000e+00	0.000000e+00	0	0
##	[9027,]	3.960100e+04	2.981160e+05	25	0
##	[9028,]	0.000000e+00	0.000000e+00	0	0
##	[9029,]	0.000000e+00	0.000000e+00	0	0
##	[9030,]	0.000000e+00	2.500000e+01	0	0
##	[9031,]	0.000000e+00	0.000000e+00	0	0
##	[9032,]	0.000000e+00	0.000000e+00	0	0
##	[9033,]	4.000000e+00	4.000000e+00	0	0
##	[9034,]	0.000000e+00	0.000000e+00	0	0
##	[9035,]	0.000000e+00	0.000000e+00	0	0
##	[9036,]	7.569000e+03	2.125210e+05	16	0
##	[9037,]	0.000000e+00	0.000000e+00	0	0
##	[9038,]	0.000000e+00	1.000000e+00	0	0
##	[9039,]	0.000000e+00	1.000000e+00	0	0
##	[9040,]	0.000000e+00	0.000000e+00	0	0
##	[9041,]	0.000000e+00	0.000000e+00	0	0
##	[9042,]	0.000000e+00	0.000000e+00	0	0
##	[9043,]	1.512900e+04	6.115240e+05	154449	0
##	[9044,]	0.000000e+00	0.000000e+00	0	0
##	[9045,]	0.000000e+00	0.000000e+00	0	0
##	[9046,]	1.440000e+02	1.440000e+02	25	0
##	[9047,]	0.000000e+00	0.000000e+00	0	0
##	[9048,]	4.000000e+00	2.500000e+01	9	0
##	[9049,]	0.000000e+00	0.000000e+00	4	0
##	[9050,]	0.000000e+00	0.000000e+00	0	0
##	[9051,]	1.069290e+05	7.873636e+06	1962801	49
##	[9052,]	0.000000e+00	1.000000e+00	0	0
##	[9053,]	7.840000e+02	2.500000e+03	729	0
##	[9054,]	1.000000e+00	1.000000e+00	144	0
##	[9055,]	0.000000e+00	1.000000e+00	0	0
##	[9056,]	0.000000e+00	0.000000e+00	0	0
##	[9057,]	0.000000e+00	0.000000e+00	0	0
##	[9058,]	0.000000e+00	0.000000e+00	0	0
##	[9059,]	0.000000e+00	0.000000e+00	0	0
##	[9060,]	2.250000e+02	1.587600e+04	7396	0
##	[9061,]	1.960000e+02	7.840000e+02	289	1
##	[9062,]	1.020100e+04	1.587600e+06	665856	36
##	[9063,]	0.000000e+00	0.000000e+00	0	0
##	[9064,]	0.000000e+00	0.000000e+00	0	0

##	[9065,]	0.000000e+00	0.000000e+00	64	0
##	[9066,]	0.000000e+00	0.000000e+00	0	0
##	[9067,]	0.000000e+00	0.000000e+00	0	0
##	[9068,]	0.000000e+00	0.000000e+00	0	0
##	[9069,]	2.500000e+01	4.761000e+03	3969	1
##	[9070,]	0.000000e+00	0.000000e+00	0	0
##	[9071,]	0.000000e+00	0.000000e+00	0	0
##	[9072,]	0.000000e+00	0.000000e+00	0	0
##	[9073,]	0.000000e+00	0.000000e+00	0	0
##	[9074,]	0.000000e+00	0.000000e+00	0	0
##	[9075,]	0.000000e+00	0.000000e+00	0	0
##	[9076,]	0.000000e+00	0.000000e+00	0	0
##	[9077,]	0.000000e+00	0.000000e+00	0	0
##	[9078,]	1.000000e+00	1.000000e+00	0	0
##	[9079,]	1.612900e+04	1.123600e+04	0	0
##	[9080,]	0.000000e+00	0.000000e+00	0	0
##	[9081,]	0.000000e+00	0.000000e+00	0	0
##	[9082,]	0.000000e+00	0.000000e+00	0	1
##	[9083,]	0.000000e+00	0.000000e+00	0	0
##	[9084,]	4.900000e+03	1.016064e+06	1261129	64
##	[9085,]	0.000000e+00	0.000000e+00	100	0
##	[9086,]	9.000000e+00	4.410000e+02	49	0
##	[9087,]	0.000000e+00	0.000000e+00	0	0
##	[9088,]	3.600000e+01	2.025000e+03	5929	4
##	[9089,]	0.000000e+00	0.000000e+00	0	0
##	[9090,]	0.000000e+00	0.000000e+00	0	0
##	[9091,]	0.000000e+00	0.000000e+00	0	0
##	[9092,]	0.000000e+00	0.000000e+00	0	0
##	[9093,]	0.000000e+00	0.000000e+00	0	1
##	[9094,]	3.600000e+01	7.290000e+02	13225	1
##	[9095,]	0.000000e+00	0.000000e+00	0	0
##	[9096,]	0.000000e+00	0.000000e+00	0	0
##	[9097,]	8.410000e+02	4.019560e+05	3147076	49
##	[9098,]	0.000000e+00	0.000000e+00	0	0
##	[9099,]	4.900000e+01	8.100000e+01	49	0
##	[9100,]	0.000000e+00	0.000000e+00	0	0
##	[9101,]	0.000000e+00	0.000000e+00	1	0
##	[9102,]	0.000000e+00	1.000000e+00	0	0
##	[9103,]	0.000000e+00	8.100000e+01	11449	1
##	[9104,]	0.000000e+00	0.000000e+00	0	0
##	[9105,]	0.000000e+00	0.000000e+00	0	0
##	[9106,]	0.000000e+00	0.000000e+00	0	0
##	[9107,]	0.000000e+00	0.000000e+00	0	0
##	[9108,]	1.000000e+00	1.600000e+01	4	0
##	[9109,]	9.000000e+02	2.510010e+05	13801225	25
##	[9110,]	0.000000e+00	0.000000e+00	0	0
##	[9111,]	0.000000e+00	0.000000e+00	0	0
##	[9112,]	0.000000e+00	0.000000e+00	0	0
##	[9113,]	0.000000e+00	0.000000e+00	0	0
##	[9114,]	1.000000e+00	1.000000e+00	0	0
##	[9115,]	0.000000e+00	1.000000e+00	0	0
##	[9116,]	9.000000e+00	6.400000e+01	0	0
##	[9117,]	0.000000e+00	0.000000e+00	0	0
##	[9118,]	0.000000e+00	0.000000e+00	0	0

##	[9119,]	0.000000e+00	0.000000e+00	0	0
##	[9120,]	2.190240e+05	1.258884e+06	81	0
##	[9121,]	0.000000e+00	4.000000e+00	4	0
##	[9122,]	1.681000e+03	6.812100e+04	527076	100
##	[9123,]	1.681000e+03	4.225000e+03	4096	0
##	[9124,]	0.000000e+00	0.000000e+00	0	0
##	[9125,]	0.000000e+00	0.000000e+00	4	0
##	[9126,]	0.000000e+00	0.000000e+00	9	0
##	[9127,]	4.303360e+05	3.440996e+07	124768900	3025
##	[9128,]	0.000000e+00	0.000000e+00	0	0
##	[9129,]	0.000000e+00	0.000000e+00	0	0
##	[9130,]	0.000000e+00	2.500000e+01	961	0
##	[9131,]	0.000000e+00	0.000000e+00	0	0
##	[9132,]	0.000000e+00	0.000000e+00	0	0
##	[9133,]	1.156000e+03	1.600000e+01	0	0
##	[9134,]	0.000000e+00	0.000000e+00	0	0
##	[9135,]	0.000000e+00	0.000000e+00	0	0
##	[9136,]	0.000000e+00	0.000000e+00	0	0
##	[9137,]	0.000000e+00	0.000000e+00	0	0
##	[9138,]	0.000000e+00	0.000000e+00	0	0
##	[9139,]	0.000000e+00	0.000000e+00	0	0
##	[9140,]	0.000000e+00	0.000000e+00	0	0
##	[9141,]	1.000000e+00	1.000000e+00	0	0
##	[9142,]	9.000000e+00	9.000000e+00	0	0
##	[9143,]	0.000000e+00	0.000000e+00	0	0
##	[9144,]	0.000000e+00	0.000000e+00	0	0
##	[9145,]	0.000000e+00	0.000000e+00	0	0
##	[9146,]	0.000000e+00	0.000000e+00	0	0
##	[9147,]	4.120900e+04	5.299840e+05	25	0
##	[9148,]	0.000000e+00	0.000000e+00	0	0
##	[9149,]	0.000000e+00	0.000000e+00	0	0
##	[9150,]	0.000000e+00	0.000000e+00	0	0
##	[9151,]	0.000000e+00	0.000000e+00	0	0
##	[9152,]	0.000000e+00	0.000000e+00	0	0
##	[9153,]	0.000000e+00	0.000000e+00	0	0
##	[9154,]	0.000000e+00	0.000000e+00	0	0
##	[9155,]	0.000000e+00	9.000000e+00	0	0
##	[9156,]	0.000000e+00	0.000000e+00	0	0
##	[9157,]	0.000000e+00	1.000000e+00	0	0
##	[9158,]	0.000000e+00	0.000000e+00	0	0
##	[9159,]	0.000000e+00	0.000000e+00	0	0
##	[9160,]	6.561000e+03	2.830240e+05	169	0
##	[9161,]	1.000000e+00	3.600000e+01	1	0
##	[9162,]	0.000000e+00	0.000000e+00	0	0
##	[9163,]	0.000000e+00	0.000000e+00	0	0
##	[9164,]	1.795600e+04	5.610010e+05	185761	4
##	[9165,]	2.500000e+01	1.600000e+01	16	0
##	[9166,]	0.000000e+00	1.000000e+00	0	0
##	[9167,]	0.000000e+00	0.000000e+00	0	0
##	[9168,]	0.000000e+00	0.000000e+00	4	0
##	[9169,]	0.000000e+00	0.000000e+00	0	0
##	[9170,]	0.000000e+00	0.000000e+00	0	0
##	[9171,]	0.000000e+00	0.000000e+00	0	0
##	[9172,]	9.424900e+04	5.419584e+06	1849600	49

##	[9173,]	0.000000e+00	0.000000e+00	0	0
##	[9174,]	0.000000e+00	1.000000e+00	1	0
##	[9175,]	0.000000e+00	0.000000e+00	0	0
##	[9176,]	0.000000e+00	0.000000e+00	0	0
##	[9177,]	0.000000e+00	9.000000e+00	81	0
##	[9178,]	4.840000e+02	1.089000e+03	256	0
##	[9179,]	3.610000e+02	1.102500e+04	12100	1
##	[9180,]	0.000000e+00	0.000000e+00	0	0
##	[9181,]	0.000000e+00	0.000000e+00	0	0
##	[9182,]	0.000000e+00	0.000000e+00	0	0
##	[9183,]	7.744000e+03	1.065024e+06	755161	144
##	[9184,]	6.400000e+01	3.721000e+03	7225	16
##	[9185,]	0.000000e+00	0.000000e+00	4	0
##	[9186,]	0.000000e+00	1.000000e+00	169	0
##	[9187,]	2.500000e+01	1.960000e+02	64	0
##	[9188,]	0.000000e+00	0.000000e+00	0	0
##	[9189,]	0.000000e+00	0.000000e+00	0	0
##	[9190,]	0.000000e+00	0.000000e+00	0	0
##	[9191,]	0.000000e+00	0.000000e+00	0	0
##	[9192,]	0.000000e+00	0.000000e+00	0	0
##	[9193,]	0.000000e+00	0.000000e+00	0	0
##	[9194,]	0.000000e+00	0.000000e+00	0	0
##	[9195,]	0.000000e+00	0.000000e+00	0	0
##	[9196,]	1.000000e+00	0.000000e+00	0	0
##	[9197,]	1.322500e+04	2.890000e+04	0	0
##	[9198,]	0.000000e+00	0.000000e+00	0	0
##	[9199,]	1.000000e+00	0.000000e+00	0	0
##	[9200,]	0.000000e+00	0.000000e+00	0	0
##	[9201,]	0.000000e+00	0.000000e+00	1	0
##	[9202,]	0.000000e+00	0.000000e+00	0	0
##	[9203,]	3.600000e+01	2.500000e+01	121	0
##	[9204,]	0.000000e+00	0.000000e+00	0	0
##	[9205,]	3.136000e+03	6.512490e+05	3150625	121
##	[9206,]	6.400000e+01	2.304000e+03	23409	4
##	[9207,]	0.000000e+00	0.000000e+00	0	0
##	[9208,]	0.000000e+00	0.000000e+00	0	0
##	[9209,]	0.000000e+00	0.000000e+00	0	0
##	[9210,]	0.000000e+00	1.000000e+00	25	0
##	[9211,]	0.000000e+00	0.000000e+00	0	0
##	[9212,]	0.000000e+00	0.000000e+00	1	0
##	[9213,]	9.000000e+00	6.250000e+02	52900	9
##	[9214,]	0.000000e+00	0.000000e+00	0	0
##	[9215,]	0.000000e+00	0.000000e+00	0	0
##	[9216,]	1.000000e+00	1.600000e+01	256	0
##	[9217,]	0.000000e+00	0.000000e+00	4	0
##	[9218,]	1.024000e+03	2.809000e+05	8300161	121
##	[9219,]	0.000000e+00	0.000000e+00	0	0
##	[9220,]	0.000000e+00	0.000000e+00	0	0
##	[9221,]	0.000000e+00	0.000000e+00	0	0
##	[9222,]	4.000000e+00	2.560000e+02	21609	0
##	[9223,]	0.000000e+00	0.000000e+00	0	0
##	[9224,]	0.000000e+00	0.000000e+00	0	0
##	[9225,]	4.000000e+00	2.500000e+01	81	0
##	[9226,]	1.521000e+03	1.764000e+05	14853316	144

##	[9227,]	0.000000e+00	0.000000e+00	0	0
##	[9228,]	0.000000e+00	0.000000e+00	0	0
##	[9229,]	0.000000e+00	0.000000e+00	0	0
##	[9230,]	0.000000e+00	0.000000e+00	4	0
##	[9231,]	0.000000e+00	0.000000e+00	0	0
##	[9232,]	0.000000e+00	0.000000e+00	0	0
##	[9233,]	0.000000e+00	0.000000e+00	0	0
##	[9234,]	9.000000e+00	3.600000e+01	0	0
##	[9235,]	0.000000e+00	0.000000e+00	0	0
##	[9236,]	1.874890e+05	2.056356e+06	324	0
##	[9237,]	4.000000e+00	4.000000e+00	0	0
##	[9238,]	1.000000e+00	0.000000e+00	0	0
##	[9239,]	0.000000e+00	0.000000e+00	0	0
##	[9240,]	0.000000e+00	0.000000e+00	0	0
##	[9241,]	4.225000e+03	8.649000e+03	3721	4
##	[9242,]	2.250000e+02	6.604900e+04	1745041	225
##	[9243,]	1.000000e+00	0.000000e+00	9	0
##	[9244,]	0.000000e+00	0.000000e+00	1	0
##	[9245,]	0.000000e+00	0.000000e+00	0	0
##	[9246,]	5.944410e+05	4.994249e+07	464962969	6724
##	[9247,]	0.000000e+00	0.000000e+00	0	0
##	[9248,]	0.000000e+00	0.000000e+00	0	0
##	[9249,]	0.000000e+00	2.500000e+01	1369	4
##	[9250,]	0.000000e+00	0.000000e+00	1	0
##	[9251,]	0.000000e+00	0.000000e+00	0	0
##	[9252,]	0.000000e+00	0.000000e+00	0	0
##	[9253,]	0.000000e+00	0.000000e+00	0	0
##	[9254,]	0.000000e+00	0.000000e+00	0	0
##	[9255,]	0.000000e+00	0.000000e+00	0	0
##	[9256,]	0.000000e+00	0.000000e+00	0	0
##	[9257,]	0.000000e+00	0.000000e+00	0	0
##	[9258,]	0.000000e+00	0.000000e+00	0	0
##	[9259,]	1.936000e+03	3.240000e+02	0	0
##	[9260,]	0.000000e+00	0.000000e+00	0	0
##	[9261,]	0.000000e+00	0.000000e+00	0	0
##	[9262,]	0.000000e+00	0.000000e+00	0	0
##	[9263,]	0.000000e+00	0.000000e+00	0	0
##	[9264,]	6.656400e+04	1.274641e+06	441	0
##	[9265,]	0.000000e+00	0.000000e+00	0	0
##	[9266,]	0.000000e+00	9.000000e+00	0	0
##	[9267,]	0.000000e+00	0.000000e+00	0	0
##	[9268,]	0.000000e+00	0.000000e+00	0	0
##	[9269,]	1.000000e+00	9.000000e+00	0	0
##	[9270,]	0.000000e+00	0.000000e+00	0	0
##	[9271,]	0.000000e+00	0.000000e+00	0	0
##	[9272,]	0.000000e+00	0.000000e+00	0	0
##	[9273,]	0.000000e+00	0.000000e+00	0	0
##	[9274,]	6.724000e+03	4.264090e+05	441	1
##	[9275,]	0.000000e+00	1.000000e+00	0	0
##	[9276,]	9.000000e+00	2.500000e+01	0	0
##	[9277,]	0.000000e+00	0.000000e+00	0	0
##	[9278,]	0.000000e+00	0.000000e+00	0	0
##	[9279,]	0.000000e+00	0.000000e+00	0	0
##	[9280,]	0.000000e+00	0.000000e+00	0	0

##	[9281,]	0.000000e+00	0.000000e+00	0	0
##	[9282,]	0.000000e+00	0.000000e+00	0	0
##	[9283,]	0.000000e+00	1.210000e+02	9	0
##	[9284,]	0.000000e+00	1.000000e+00	0	0
##	[9285,]	2.250000e+02	8.100000e+01	4	0
##	[9286,]	0.000000e+00	0.000000e+00	0	0
##	[9287,]	0.000000e+00	0.000000e+00	0	0
##	[9288,]	0.000000e+00	0.000000e+00	0	0
##	[9289,]	0.000000e+00	0.000000e+00	0	0
##	[9290,]	2.280100e+04	8.064040e+05	189225	25
##	[9291,]	1.369000e+03	2.025000e+03	324	0
##	[9292,]	1.274490e+05	7.513081e+06	4498641	144
##	[9293,]	1.000000e+00	0.000000e+00	0	0
##	[9294,]	0.000000e+00	1.000000e+00	400	1
##	[9295,]	0.000000e+00	0.000000e+00	0	0
##	[9296,]	0.000000e+00	0.000000e+00	0	0
##	[9297,]	0.000000e+00	0.000000e+00	0	0
##	[9298,]	0.000000e+00	0.000000e+00	0	0
##	[9299,]	0.000000e+00	0.000000e+00	0	0
##	[9300,]	4.900000e+01	1.060900e+04	34596	9
##	[9301,]	0.000000e+00	0.000000e+00	0	0
##	[9302,]	4.900000e+01	2.209000e+03	32761	25
##	[9303,]	0.000000e+00	4.000000e+00	100	0
##	[9304,]	1.210000e+02	3.610000e+02	169	4
##	[9305,]	0.000000e+00	0.000000e+00	0	0
##	[9306,]	1.612900e+04	1.550025e+06	3154176	289
##	[9307,]	0.000000e+00	0.000000e+00	0	0
##	[9308,]	0.000000e+00	0.000000e+00	0	0
##	[9309,]	0.000000e+00	0.000000e+00	0	0
##	[9310,]	0.000000e+00	0.000000e+00	0	0
##	[9311,]	4.000000e+00	0.000000e+00	0	0
##	[9312,]	1.960000e+04	1.369000e+05	1	0
##	[9313,]	0.000000e+00	0.000000e+00	0	0
##	[9314,]	0.000000e+00	0.000000e+00	0	0
##	[9315,]	0.000000e+00	0.000000e+00	0	0
##	[9316,]	1.000000e+00	0.000000e+00	0	0
##	[9317,]	0.000000e+00	1.000000e+00	0	0
##	[9318,]	0.000000e+00	0.000000e+00	0	0
##	[9319,]	0.000000e+00	0.000000e+00	0	0
##	[9320,]	0.000000e+00	0.000000e+00	0	0
##	[9321,]	0.000000e+00	0.000000e+00	1	0
##	[9322,]	0.000000e+00	0.000000e+00	4	0
##	[9323,]	0.000000e+00	2.304000e+03	89401	4
##	[9324,]	0.000000e+00	0.000000e+00	0	0
##	[9325,]	0.000000e+00	0.000000e+00	0	0
##	[9326,]	3.364000e+03	8.798440e+05	16499844	256
##	[9327,]	0.000000e+00	1.000000e+00	25	0
##	[9328,]	0.000000e+00	0.000000e+00	0	0
##	[9329,]	1.000000e+00	1.210000e+02	36	0
##	[9330,]	0.000000e+00	0.000000e+00	0	0
##	[9331,]	0.000000e+00	0.000000e+00	0	0
##	[9332,]	0.000000e+00	0.000000e+00	0	0
##	[9333,]	0.000000e+00	0.000000e+00	1	0
##	[9334,]	1.849000e+03	4.596840e+05	40018276	289

##	[9335,]	0.000000e+00	0.000000e+00	0	0
##	[9336,]	1.000000e+00	5.290000e+02	237169	4
##	[9337,]	1.000000e+00	2.500000e+01	81	0
##	[9338,]	0.000000e+00	0.000000e+00	0	0
##	[9339,]	0.000000e+00	0.000000e+00	0	0
##	[9340,]	0.000000e+00	0.000000e+00	1	0
##	[9341,]	0.000000e+00	0.000000e+00	0	0
##	[9342,]	0.000000e+00	0.000000e+00	0	0
##	[9343,]	0.000000e+00	6.250000e+02	27225	9
##	[9344,]	0.000000e+00	0.000000e+00	0	0
##	[9345,]	0.000000e+00	0.000000e+00	0	0
##	[9346,]	0.000000e+00	0.000000e+00	1	0
##	[9347,]	1.225000e+03	3.214890e+05	46826649	225
##	[9348,]	0.000000e+00	0.000000e+00	1	1
##	[9349,]	0.000000e+00	0.000000e+00	0	0
##	[9350,]	0.000000e+00	1.600000e+01	169	0
##	[9351,]	0.000000e+00	0.000000e+00	0	0
##	[9352,]	0.000000e+00	0.000000e+00	0	0
##	[9353,]	0.000000e+00	0.000000e+00	0	0
##	[9354,]	0.000000e+00	2.500000e+01	0	0
##	[9355,]	2.745760e+05	4.708900e+06	1849	1
##	[9356,]	0.000000e+00	0.000000e+00	0	0
##	[9357,]	2.500000e+01	6.400000e+01	0	0
##	[9358,]	0.000000e+00	0.000000e+00	0	0
##	[9359,]	4.000000e+00	0.000000e+00	0	0
##	[9360,]	0.000000e+00	0.000000e+00	0	0
##	[9361,]	4.956160e+05	3.534302e+07	1371665296	28561
##	[9362,]	4.000000e+00	1.000000e+00	25	0
##	[9363,]	0.000000e+00	1.000000e+00	1	0
##	[9364,]	2.401000e+03	7.225000e+03	16129	25
##	[9365,]	0.000000e+00	0.000000e+00	0	0
##	[9366,]	3.240000e+02	6.200100e+04	4721929	900
##	[9367,]	0.000000e+00	0.000000e+00	0	0
##	[9368,]	1.000000e+00	0.000000e+00	1	0
##	[9369,]	4.000000e+00	4.000000e+00	841	0
##	[9370,]	0.000000e+00	0.000000e+00	0	0
##	[9371,]	0.000000e+00	0.000000e+00	0	0
##	[9372,]	0.000000e+00	0.000000e+00	0	0
##	[9373,]	0.000000e+00	0.000000e+00	0	0
##	[9374,]	0.000000e+00	0.000000e+00	0	0
##	[9375,]	0.000000e+00	0.000000e+00	0	0
##	[9376,]	0.000000e+00	0.000000e+00	0	0
##	[9377,]	0.000000e+00	0.000000e+00	0	0
##	[9378,]	2.809000e+03	1.444000e+03	1	0
##	[9379,]	0.000000e+00	0.000000e+00	0	0
##	[9380,]	0.000000e+00	0.000000e+00	0	0
##	[9381,]	0.000000e+00	0.000000e+00	0	0
##	[9382,]	6.100900e+04	1.623076e+06	6400	0
##	[9383,]	0.000000e+00	1.600000e+01	0	0
##	[9384,]	1.000000e+00	0.000000e+00	0	0
##	[9385,]	0.000000e+00	1.600000e+01	0	0
##	[9386,]	0.000000e+00	0.000000e+00	0	0
##	[9387,]	0.000000e+00	0.000000e+00	0	0
##	[9388,]	0.000000e+00	0.000000e+00	0	0

##	[9389,]	0.000000e+00	0.000000e+00	0	0
##	[9390,]	0.000000e+00	0.000000e+00	0	0
##	[9391,]	1.000000e+00	3.600000e+01	1	0
##	[9392,]	5.041000e+03	3.648160e+05	7569	0
##	[9393,]	0.000000e+00	0.000000e+00	0	0
##	[9394,]	0.000000e+00	0.000000e+00	0	0
##	[9395,]	0.000000e+00	0.000000e+00	0	0
##	[9396,]	0.000000e+00	0.000000e+00	0	0
##	[9397,]	1.000000e+00	1.000000e+00	0	0
##	[9398,]	0.000000e+00	0.000000e+00	0	0
##	[9399,]	0.000000e+00	0.000000e+00	0	0
##	[9400,]	0.000000e+00	0.000000e+00	0	0
##	[9401,]	1.000000e+00	0.000000e+00	9	0
##	[9402,]	0.000000e+00	0.000000e+00	0	0
##	[9403,]	0.000000e+00	0.000000e+00	0	0
##	[9404,]	0.000000e+00	3.600000e+01	1	0
##	[9405,]	0.000000e+00	0.000000e+00	0	0
##	[9406,]	1.690000e+02	4.900000e+01	16	1
##	[9407,]	0.000000e+00	0.000000e+00	0	0
##	[9408,]	0.000000e+00	0.000000e+00	0	0
##	[9409,]	0.000000e+00	0.000000e+00	0	0
##	[9410,]	1.638400e+04	4.872040e+05	361201	16
##	[9411,]	1.000000e+00	0.000000e+00	0	0
##	[9412,]	0.000000e+00	0.000000e+00	0	0
##	[9413,]	0.000000e+00	0.000000e+00	1	0
##	[9414,]	1.210000e+02	1.464100e+04	134689	25
##	[9415,]	0.000000e+00	0.000000e+00	0	0
##	[9416,]	0.000000e+00	0.000000e+00	4	0
##	[9417,]	0.000000e+00	0.000000e+00	0	0
##	[9418,]	1.169640e+05	5.517801e+06	14025025	1521
##	[9419,]	4.000000e+02	1.521000e+03	1156	0
##	[9420,]	1.000000e+00	4.000000e+00	121	0
##	[9421,]	0.000000e+00	1.000000e+00	0	0
##	[9422,]	0.000000e+00	0.000000e+00	121	0
##	[9423,]	0.000000e+00	0.000000e+00	0	0
##	[9424,]	0.000000e+00	0.000000e+00	0	0
##	[9425,]	1.102500e+04	8.136040e+05	14070001	625
##	[9426,]	0.000000e+00	0.000000e+00	0	0
##	[9427,]	9.000000e+00	2.601000e+03	107584	100
##	[9428,]	0.000000e+00	0.000000e+00	0	0
##	[9429,]	8.100000e+01	2.250000e+02	324	4
##	[9430,]	0.000000e+00	0.000000e+00	0	0
##	[9431,]	2.560000e+04	3.237610e+05	16	0
##	[9432,]	0.000000e+00	0.000000e+00	0	0
##	[9433,]	0.000000e+00	0.000000e+00	0	0
##	[9434,]	0.000000e+00	0.000000e+00	0	0
##	[9435,]	0.000000e+00	0.000000e+00	0	0
##	[9436,]	0.000000e+00	0.000000e+00	0	0
##	[9437,]	0.000000e+00	0.000000e+00	0	0
##	[9438,]	0.000000e+00	9.000000e+00	0	0
##	[9439,]	0.000000e+00	0.000000e+00	0	0
##	[9440,]	0.000000e+00	0.000000e+00	0	0
##	[9441,]	9.000000e+00	1.690000e+02	576	1
##	[9442,]	0.000000e+00	0.000000e+00	0	0

##	[9443,]	0.000000e+00	0.000000e+00	0	0
##	[9444,]	4.000000e+00	5.290000e+02	238144	4
##	[9445,]	3.249000e+03	6.577210e+05	61811044	1369
##	[9446,]	0.000000e+00	0.000000e+00	9	0
##	[9447,]	0.000000e+00	0.000000e+00	0	0
##	[9448,]	1.000000e+00	0.000000e+00	0	0
##	[9449,]	0.000000e+00	0.000000e+00	0	0
##	[9450,]	0.000000e+00	0.000000e+00	0	0
##	[9451,]	0.000000e+00	0.000000e+00	0	0
##	[9452,]	1.000000e+00	1.000000e+00	9	0
##	[9453,]	4.000000e+00	2.500000e+01	784	1
##	[9454,]	0.000000e+00	0.000000e+00	0	0
##	[9455,]	0.000000e+00	0.000000e+00	0	0
##	[9456,]	4.000000e+00	1.225000e+03	522729	36
##	[9457,]	0.000000e+00	0.000000e+00	1	0
##	[9458,]	1.369000e+03	4.006890e+05	123698884	1521
##	[9459,]	0.000000e+00	0.000000e+00	0	0
##	[9460,]	0.000000e+00	0.000000e+00	1	0
##	[9461,]	0.000000e+00	0.000000e+00	0	0
##	[9462,]	1.225000e+03	3.047040e+05	99102025	625
##	[9463,]	0.000000e+00	0.000000e+00	0	0
##	[9464,]	0.000000e+00	0.000000e+00	0	0
##	[9465,]	4.000000e+00	3.600000e+01	361	0
##	[9466,]	0.000000e+00	0.000000e+00	0	0
##	[9467,]	0.000000e+00	0.000000e+00	0	0
##	[9468,]	0.000000e+00	1.690000e+02	70756	49
##	[9469,]	0.000000e+00	0.000000e+00	0	0
##	[9470,]	0.000000e+00	0.000000e+00	0	0
##	[9471,]	0.000000e+00	0.000000e+00	0	0
##	[9472,]	2.819610e+05	6.175225e+06	29584	0
##	[9473,]	0.000000e+00	0.000000e+00	0	0
##	[9474,]	1.000000e+00	1.000000e+02	1	0
##	[9475,]	0.000000e+00	0.000000e+00	0	0
##	[9476,]	0.000000e+00	0.000000e+00	0	0
##	[9477,]	1.000000e+00	6.400000e+01	0	0
##	[9478,]	0.000000e+00	0.000000e+00	0	0
##	[9479,]	1.000000e+00	0.000000e+00	0	0
##	[9480,]	0.000000e+00	0.000000e+00	0	0
##	[9481,]	0.000000e+00	0.000000e+00	49	0
##	[9482,]	0.000000e+00	0.000000e+00	0	0
##	[9483,]	0.000000e+00	0.000000e+00	36	0
##	[9484,]	4.395690e+05	3.905000e+07	2764235776	38416
##	[9485,]	0.000000e+00	0.000000e+00	0	0
##	[9486,]	0.000000e+00	4.000000e+00	1	1
##	[9487,]	0.000000e+00	9.000000e+00	400	1
##	[9488,]	1.089000e+03	8.468100e+04	6760000	225
##	[9489,]	3.025000e+03	3.136000e+03	51076	9
##	[9490,]	0.000000e+00	0.000000e+00	0	0
##	[9491,]	0.000000e+00	0.000000e+00	0	0
##	[9492,]	0.000000e+00	0.000000e+00	0	0
##	[9493,]	0.000000e+00	0.000000e+00	0	0
##	[9494,]	0.000000e+00	0.000000e+00	0	0
##	[9495,]	0.000000e+00	0.000000e+00	0	0
##	[9496,]	0.000000e+00	0.000000e+00	0	0

##	[9497,]	0.000000e+00	0.000000e+00	0	0
##	[9498,]	2.916000e+03	7.840000e+02	0	0
##	[9499,]	0.000000e+00	0.000000e+00	0	0
##	[9500,]	0.000000e+00	0.000000e+00	0	0
##	[9501,]	0.000000e+00	0.000000e+00	0	0
##	[9502,]	0.000000e+00	0.000000e+00	0	0
##	[9503,]	0.000000e+00	0.000000e+00	0	0
##	[9504,]	0.000000e+00	1.000000e+00	0	0
##	[9505,]	0.000000e+00	0.000000e+00	1	0
##	[9506,]	0.000000e+00	0.000000e+00	0	0
##	[9507,]	0.000000e+00	0.000000e+00	0	0
##	[9508,]	0.000000e+00	0.000000e+00	0	0
##	[9509,]	0.000000e+00	0.000000e+00	0	0
##	[9510,]	5.953600e+04	1.537600e+06	6561	0
##	[9511,]	0.000000e+00	4.000000e+00	1	0
##	[9512,]	0.000000e+00	0.000000e+00	0	0
##	[9513,]	0.000000e+00	0.000000e+00	0	0
##	[9514,]	0.000000e+00	0.000000e+00	0	0
##	[9515,]	3.025000e+03	3.214890e+05	10609	0
##	[9516,]	0.000000e+00	9.000000e+00	0	0
##	[9517,]	0.000000e+00	0.000000e+00	0	0
##	[9518,]	0.000000e+00	0.000000e+00	0	0
##	[9519,]	0.000000e+00	0.000000e+00	1	0
##	[9520,]	0.000000e+00	0.000000e+00	1	0
##	[9521,]	0.000000e+00	0.000000e+00	1	0
##	[9522,]	1.822500e+04	5.212840e+05	357604	49
##	[9523,]	0.000000e+00	0.000000e+00	0	0
##	[9524,]	2.500000e+01	2.500000e+01	16	1
##	[9525,]	0.000000e+00	0.000000e+00	0	0
##	[9526,]	0.000000e+00	0.000000e+00	0	0
##	[9527,]	0.000000e+00	0.000000e+00	0	0
##	[9528,]	0.000000e+00	0.000000e+00	0	0
##	[9529,]	1.000000e+00	4.900000e+01	169	0
##	[9530,]	0.000000e+00	1.000000e+00	1	0
##	[9531,]	8.294400e+04	5.755201e+06	16974400	1600
##	[9532,]	0.000000e+00	0.000000e+00	0	0
##	[9533,]	0.000000e+00	0.000000e+00	0	0
##	[9534,]	0.000000e+00	0.000000e+00	1	0
##	[9535,]	8.410000e+02	4.840000e+02	784	0
##	[9536,]	0.000000e+00	0.000000e+00	0	0
##	[9537,]	0.000000e+00	4.000000e+00	144	0
##	[9538,]	0.000000e+00	0.000000e+00	0	1
##	[9539,]	1.690000e+02	1.392400e+04	117649	16
##	[9540,]	0.000000e+00	0.000000e+00	0	0
##	[9541,]	0.000000e+00	0.000000e+00	9	0
##	[9542,]	1.440000e+02	4.761000e+03	135424	16
##	[9543,]	0.000000e+00	0.000000e+00	0	0
##	[9544,]	0.000000e+00	0.000000e+00	0	0
##	[9545,]	0.000000e+00	0.000000e+00	9	0
##	[9546,]	0.000000e+00	0.000000e+00	0	0
##	[9547,]	0.000000e+00	0.000000e+00	0	0
##	[9548,]	1.960000e+02	2.890000e+02	729	4
##	[9549,]	1.040400e+04	9.409000e+05	18619225	625
##	[9550,]	0.000000e+00	0.000000e+00	0	0

##	[9551,]	0.000000e+00	0.000000e+00	0	0
##	[9552,]	0.000000e+00	0.000000e+00	0	0
##	[9553,]	2.433600e+04	4.108810e+05	0	0
##	[9554,]	0.000000e+00	0.000000e+00	0	0
##	[9555,]	0.000000e+00	0.000000e+00	0	0
##	[9556,]	0.000000e+00	0.000000e+00	0	0
##	[9557,]	0.000000e+00	0.000000e+00	0	0
##	[9558,]	0.000000e+00	1.000000e+00	0	0
##	[9559,]	0.000000e+00	0.000000e+00	0	0
##	[9560,]	0.000000e+00	0.000000e+00	0	0
##	[9561,]	0.000000e+00	0.000000e+00	0	0
##	[9562,]	0.000000e+00	0.000000e+00	16	0
##	[9563,]	2.500000e+01	8.100000e+01	2304	0
##	[9564,]	1.600000e+01	2.025000e+03	337561	16
##	[9565,]	0.000000e+00	0.000000e+00	0	0
##	[9566,]	0.000000e+00	1.000000e+00	1	0
##	[9567,]	0.000000e+00	0.000000e+00	0	0
##	[9568,]	2.704000e+03	7.344490e+05	140493609	1521
##	[9569,]	0.000000e+00	0.000000e+00	0	0
##	[9570,]	0.000000e+00	0.000000e+00	0	0
##	[9571,]	4.000000e+00	4.000000e+00	4096	0
##	[9572,]	1.000000e+00	7.840000e+02	956484	1
##	[9573,]	1.600000e+03	4.705960e+05	302272996	2500
##	[9574,]	0.000000e+00	0.000000e+00	9	0
##	[9575,]	0.000000e+00	0.000000e+00	0	0
##	[9576,]	0.000000e+00	1.000000e+00	0	0
##	[9577,]	0.000000e+00	0.000000e+00	0	0
##	[9578,]	0.000000e+00	0.000000e+00	1	0
##	[9579,]	0.000000e+00	0.000000e+00	0	0
##	[9580,]	0.000000e+00	0.000000e+00	0	0
##	[9581,]	4.000000e+00	5.760000e+02	100489	4
##	[9582,]	0.000000e+00	0.000000e+00	0	0
##	[9583,]	0.000000e+00	0.000000e+00	0	0
##	[9584,]	0.000000e+00	0.000000e+00	9	0
##	[9585,]	0.000000e+00	0.000000e+00	1	0
##	[9586,]	0.000000e+00	0.000000e+00	0	0
##	[9587,]	0.000000e+00	0.000000e+00	0	1
##	[9588,]	0.000000e+00	1.000000e+00	3025	0
##	[9589,]	2.116000e+03	3.782250e+05	204604416	1225
##	[9590,]	0.000000e+00	0.000000e+00	0	0
##	[9591,]	0.000000e+00	0.000000e+00	1	0
##	[9592,]	2.590810e+05	6.130576e+06	33856	0
##	[9593,]	0.000000e+00	0.000000e+00	0	0
##	[9594,]	0.000000e+00	2.500000e+01	0	0
##	[9595,]	0.000000e+00	4.000000e+00	4	0
##	[9596,]	0.000000e+00	0.000000e+00	0	0
##	[9597,]	0.000000e+00	0.000000e+00	0	0
##	[9598,]	0.000000e+00	0.000000e+00	0	0
##	[9599,]	0.000000e+00	0.000000e+00	0	0
##	[9600,]	0.000000e+00	0.000000e+00	1	0
##	[9601,]	0.000000e+00	1.000000e+00	64	0
##	[9602,]	0.000000e+00	0.000000e+00	0	0
##	[9603,]	4.542760e+05	3.646952e+07	3233400769	67081
##	[9604,]	0.000000e+00	0.000000e+00	1	0

##	[9605,]	0.000000e+00	0.000000e+00	0	0
##	[9606,]	0.000000e+00	1.000000e+00	529	1
##	[9607,]	0.000000e+00	0.000000e+00	0	0
##	[9608,]	0.000000e+00	1.000000e+00	0	0
##	[9609,]	1.681000e+03	2.025000e+03	76729	25
##	[9610,]	2.209000e+03	7.398400e+04	10150596	729
##	[9611,]	0.000000e+00	0.000000e+00	0	0
##	[9612,]	0.000000e+00	0.000000e+00	0	0
##	[9613,]	0.000000e+00	0.000000e+00	0	0
##	[9614,]	0.000000e+00	0.000000e+00	0	0
##	[9615,]	0.000000e+00	0.000000e+00	0	0
##	[9616,]	0.000000e+00	0.000000e+00	0	0
##	[9617,]	0.000000e+00	0.000000e+00	0	0
##	[9618,]	0.000000e+00	0.000000e+00	0	0
##	[9619,]	0.000000e+00	0.000000e+00	0	0
##	[9620,]	2.116000e+03	1.849000e+03	16	0
##	[9621,]	0.000000e+00	0.000000e+00	0	0
##	[9622,]	4.326400e+04	1.752976e+06	5776	0
##	[9623,]	0.000000e+00	0.000000e+00	0	0
##	[9624,]	0.000000e+00	0.000000e+00	0	0
##	[9625,]	0.000000e+00	1.000000e+00	0	0
##	[9626,]	0.000000e+00	0.000000e+00	0	0
##	[9627,]	0.000000e+00	0.000000e+00	0	0
##	[9628,]	0.000000e+00	0.000000e+00	0	0
##	[9629,]	1.000000e+00	9.000000e+00	0	0
##	[9630,]	0.000000e+00	0.000000e+00	0	0
##	[9631,]	0.000000e+00	0.000000e+00	0	0
##	[9632,]	0.000000e+00	0.000000e+00	0	0
##	[9633,]	0.000000e+00	0.000000e+00	0	0
##	[9634,]	1.000000e+00	9.000000e+00	0	0
##	[9635,]	0.000000e+00	0.000000e+00	0	0
##	[9636,]	0.000000e+00	0.000000e+00	0	0
##	[9637,]	0.000000e+00	0.000000e+00	0	0
##	[9638,]	2.401000e+03	3.147210e+05	9604	1
##	[9639,]	0.000000e+00	0.000000e+00	0	0
##	[9640,]	4.000000e+00	1.000000e+00	0	0
##	[9641,]	1.600000e+01	2.500000e+01	0	0
##	[9642,]	0.000000e+00	0.000000e+00	4	0
##	[9643,]	0.000000e+00	0.000000e+00	0	0
##	[9644,]	0.000000e+00	0.000000e+00	0	0
##	[9645,]	9.604000e+03	4.998490e+05	367236	16
##	[9646,]	2.500000e+01	4.900000e+01	25	0
##	[9647,]	0.000000e+00	0.000000e+00	0	0
##	[9648,]	0.000000e+00	0.000000e+00	0	0
##	[9649,]	0.000000e+00	0.000000e+00	0	0
##	[9650,]	0.000000e+00	0.000000e+00	0	0
##	[9651,]	0.000000e+00	0.000000e+00	0	0
##	[9652,]	0.000000e+00	0.000000e+00	0	0
##	[9653,]	0.000000e+00	0.000000e+00	0	0
##	[9654,]	1.142440e+05	5.294601e+06	18352656	1681
##	[9655,]	0.000000e+00	0.000000e+00	1	0
##	[9656,]	0.000000e+00	0.000000e+00	0	0
##	[9657,]	3.240000e+02	1.392400e+04	126736	16
##	[9658,]	0.000000e+00	0.000000e+00	49	1

##	[9659,]	0.000000e+00	0.000000e+00	0	0
##	[9660,]	4.410000e+02	4.410000e+02	1089	1
##	[9661,]	1.000000e+02	4.900000e+01	1681	1
##	[9662,]	0.000000e+00	0.000000e+00	0	0
##	[9663,]	0.000000e+00	0.000000e+00	0	0
##	[9664,]	0.000000e+00	1.000000e+00	9	0
##	[9665,]	0.000000e+00	0.000000e+00	0	0
##	[9666,]	0.000000e+00	0.000000e+00	0	0
##	[9667,]	0.000000e+00	0.000000e+00	0	0
##	[9668,]	1.210000e+02	2.916000e+03	139129	64
##	[9669,]	0.000000e+00	1.000000e+00	0	0
##	[9670,]	6.561000e+03	7.867690e+05	22572001	1089
##	[9671,]	0.000000e+00	0.000000e+00	0	0
##	[9672,]	0.000000e+00	0.000000e+00	0	0
##	[9673,]	0.000000e+00	0.000000e+00	0	0
##	[9674,]	0.000000e+00	9.000000e+00	0	0
##	[9675,]	0.000000e+00	0.000000e+00	0	0
##	[9676,]	0.000000e+00	0.000000e+00	0	0
##	[9677,]	2.190400e+04	4.277160e+05	1	0
##	[9678,]	0.000000e+00	0.000000e+00	0	0
##	[9679,]	0.000000e+00	0.000000e+00	0	0
##	[9680,]	0.000000e+00	0.000000e+00	0	0
##	[9681,]	0.000000e+00	0.000000e+00	0	0
##	[9682,]	0.000000e+00	0.000000e+00	0	0
##	[9683,]	0.000000e+00	0.000000e+00	0	0
##	[9684,]	0.000000e+00	0.000000e+00	0	0
##	[9685,]	0.000000e+00	0.000000e+00	4	0
##	[9686,]	4.096000e+03	6.674890e+05	168143089	4624
##	[9687,]	0.000000e+00	0.000000e+00	49	0
##	[9688,]	6.400000e+01	1.089000e+03	725904	36
##	[9689,]	0.000000e+00	0.000000e+00	0	0
##	[9690,]	9.000000e+00	2.500000e+01	5184	4
##	[9691,]	0.000000e+00	1.000000e+00	0	0
##	[9692,]	1.849000e+03	4.542760e+05	349615204	5776
##	[9693,]	0.000000e+00	0.000000e+00	0	0
##	[9694,]	0.000000e+00	0.000000e+00	0	0
##	[9695,]	0.000000e+00	0.000000e+00	0	0
##	[9696,]	0.000000e+00	0.000000e+00	1	0
##	[9697,]	1.600000e+01	1.369000e+03	1401856	49
##	[9698,]	0.000000e+00	0.000000e+00	16	0
##	[9699,]	0.000000e+00	0.000000e+00	16	0
##	[9700,]	4.000000e+00	1.600000e+01	3969	1
##	[9701,]	0.000000e+00	0.000000e+00	0	0
##	[9702,]	0.000000e+00	0.000000e+00	0	0
##	[9703,]	0.000000e+00	0.000000e+00	0	0
##	[9704,]	0.000000e+00	0.000000e+00	0	0
##	[9705,]	0.000000e+00	0.000000e+00	1	0
##	[9706,]	0.000000e+00	0.000000e+00	0	0
##	[9707,]	1.000000e+00	9.000000e+00	4624	0
##	[9708,]	2.500000e+03	4.264090e+05	242020249	1369
##	[9709,]	0.000000e+00	0.000000e+00	0	0
##	[9710,]	1.000000e+00	5.290000e+02	173056	4
##	[9711,]	4.000000e+00	4.000000e+00	0	0
##	[9712,]	0.000000e+00	0.000000e+00	0	0

##	[9713,]	4.000000e+00	8.100000e+01	0	0
##	[9714,]	0.000000e+00	0.000000e+00	0	0
##	[9715,]	0.000000e+00	0.000000e+00	0	0
##	[9716,]	0.000000e+00	0.000000e+00	0	0
##	[9717,]	2.034010e+05	6.666724e+06	32041	1
##	[9718,]	0.000000e+00	0.000000e+00	0	0
##	[9719,]	0.000000e+00	0.000000e+00	0	0
##	[9720,]	0.000000e+00	0.000000e+00	0	0
##	[9721,]	0.000000e+00	6.400000e+01	361	0
##	[9722,]	0.000000e+00	0.000000e+00	0	0
##	[9723,]	0.000000e+00	1.000000e+00	9	0
##	[9724,]	1.764000e+03	4.356000e+03	54289	9
##	[9725,]	0.000000e+00	0.000000e+00	0	0
##	[9726,]	3.469210e+05	2.670822e+07	2275767025	46225
##	[9727,]	4.840000e+02	8.294400e+04	5900041	400
##	[9728,]	0.000000e+00	0.000000e+00	1	0
##	[9729,]	0.000000e+00	9.000000e+00	0	0
##	[9730,]	0.000000e+00	0.000000e+00	0	0
##	[9731,]	3.969000e+03	1.296000e+03	1	0
##	[9732,]	0.000000e+00	0.000000e+00	0	0
##	[9733,]	0.000000e+00	0.000000e+00	0	0
##	[9734,]	0.000000e+00	0.000000e+00	0	0
##	[9735,]	0.000000e+00	0.000000e+00	0	0
##	[9736,]	0.000000e+00	0.000000e+00	0	0
##	[9737,]	0.000000e+00	0.000000e+00	0	0
##	[9738,]	0.000000e+00	0.000000e+00	0	0
##	[9739,]	0.000000e+00	0.000000e+00	0	0
##	[9740,]	0.000000e+00	0.000000e+00	0	0
##	[9741,]	3.348900e+04	9.980010e+05	1764	0
##	[9742,]	0.000000e+00	0.000000e+00	0	0
##	[9743,]	0.000000e+00	0.000000e+00	0	0
##	[9744,]	0.000000e+00	0.000000e+00	0	0
##	[9745,]	0.000000e+00	0.000000e+00	0	0
##	[9746,]	0.000000e+00	0.000000e+00	0	0
##	[9747,]	0.000000e+00	0.000000e+00	0	0
##	[9748,]	0.000000e+00	3.600000e+01	0	0
##	[9749,]	0.000000e+00	0.000000e+00	0	0
##	[9750,]	0.000000e+00	0.000000e+00	0	0
##	[9751,]	0.000000e+00	0.000000e+00	0	0
##	[9752,]	0.000000e+00	0.000000e+00	0	0
##	[9753,]	4.000000e+00	4.000000e+00	0	0
##	[9754,]	0.000000e+00	0.000000e+00	0	0
##	[9755,]	0.000000e+00	0.000000e+00	0	0
##	[9756,]	1.681000e+03	2.227840e+05	4900	0
##	[9757,]	0.000000e+00	0.000000e+00	0	0
##	[9758,]	0.000000e+00	0.000000e+00	0	0
##	[9759,]	0.000000e+00	1.000000e+00	0	0
##	[9760,]	0.000000e+00	0.000000e+00	0	0
##	[9761,]	0.000000e+00	0.000000e+00	1	0
##	[9762,]	0.000000e+00	0.000000e+00	0	0
##	[9763,]	0.000000e+00	9.000000e+00	0	0
##	[9764,]	2.500000e+01	1.600000e+01	16	0
##	[9765,]	0.000000e+00	0.000000e+00	0	0
##	[9766,]	0.000000e+00	0.000000e+00	0	0

##	[9767,]	0.000000e+00	0.000000e+00	0	0
##	[9768,]	6.889000e+03	3.648160e+05	225625	16
##	[9769,]	0.000000e+00	6.400000e+01	1	0
##	[9770,]	0.000000e+00	0.000000e+00	0	0
##	[9771,]	0.000000e+00	0.000000e+00	0	0
##	[9772,]	0.000000e+00	0.000000e+00	0	0
##	[9773,]	0.000000e+00	0.000000e+00	0	0
##	[9774,]	1.440000e+02	1.488400e+04	101761	25
##	[9775,]	0.000000e+00	3.600000e+01	64	0
##	[9776,]	0.000000e+00	0.000000e+00	0	0
##	[9777,]	0.000000e+00	0.000000e+00	0	0
##	[9778,]	0.000000e+00	0.000000e+00	0	0
##	[9779,]	8.526400e+04	4.100625e+06	13191424	1024
##	[9780,]	9.000000e+02	6.250000e+02	1156	0
##	[9781,]	0.000000e+00	0.000000e+00	0	0
##	[9782,]	0.000000e+00	0.000000e+00	0	0
##	[9783,]	0.000000e+00	1.000000e+00	36	0
##	[9784,]	3.600000e+01	2.250000e+02	1156	0
##	[9785,]	6.561000e+03	6.084000e+05	16499844	900
##	[9786,]	0.000000e+00	0.000000e+00	1	0
##	[9787,]	3.600000e+01	3.969000e+03	110889	1
##	[9788,]	0.000000e+00	0.000000e+00	0	0
##	[9789,]	0.000000e+00	0.000000e+00	0	0
##	[9790,]	0.000000e+00	0.000000e+00	0	0
##	[9791,]	0.000000e+00	0.000000e+00	0	0
##	[9792,]	0.000000e+00	0.000000e+00	0	0
##	[9793,]	1.416100e+04	2.704000e+05	4	0
##	[9794,]	0.000000e+00	1.000000e+00	0	0
##	[9795,]	0.000000e+00	0.000000e+00	0	0
##	[9796,]	0.000000e+00	0.000000e+00	0	0
##	[9797,]	0.000000e+00	0.000000e+00	0	0
##	[9798,]	0.000000e+00	0.000000e+00	0	0
##	[9799,]	0.000000e+00	0.000000e+00	0	0
##	[9800,]	0.000000e+00	0.000000e+00	0	0
##	[9801,]	0.000000e+00	0.000000e+00	0	0
##	[9802,]	0.000000e+00	1.000000e+00	0	0
##	[9803,]	0.000000e+00	0.000000e+00	0	0
##	[9804,]	4.000000e+00	2.401000e+03	383161	64
##	[9805,]	0.000000e+00	0.000000e+00	0	0
##	[9806,]	0.000000e+00	0.000000e+00	0	0
##	[9807,]	0.000000e+00	1.000000e+00	9	0
##	[9808,]	0.000000e+00	0.000000e+00	0	0
##	[9809,]	1.000000e+00	2.560000e+02	2704	4
##	[9810,]	3.721000e+03	4.251040e+05	118504996	3249
##	[9811,]	0.000000e+00	1.600000e+01	3136	0
##	[9812,]	0.000000e+00	0.000000e+00	0	0
##	[9813,]	0.000000e+00	0.000000e+00	1	0
##	[9814,]	4.000000e+00	9.610000e+02	719104	25
##	[9815,]	0.000000e+00	0.000000e+00	0	0
##	[9816,]	0.000000e+00	0.000000e+00	0	0
##	[9817,]	1.024000e+03	3.283290e+05	252873604	2809
##	[9818,]	0.000000e+00	0.000000e+00	1	0
##	[9819,]	0.000000e+00	0.000000e+00	0	0
##	[9820,]	0.000000e+00	0.000000e+00	0	0

##	[9821,]	1.600000e+03	2.851560e+05	162511504	1521
##	[9822,]	0.000000e+00	0.000000e+00	0	0
##	[9823,]	0.000000e+00	0.000000e+00	0	0
##	[9824,]	0.000000e+00	0.000000e+00	0	0
##	[9825,]	0.000000e+00	2.250000e+02	95481	1
##	[9826,]	0.000000e+00	4.000000e+00	2809	1
##	[9827,]	0.000000e+00	0.000000e+00	0	0
##	[9828,]	0.000000e+00	0.000000e+00	4	0
##	[9829,]	0.000000e+00	0.000000e+00	0	0
##	[9830,]	0.000000e+00	0.000000e+00	0	0
##	[9831,]	0.000000e+00	0.000000e+00	0	0
##	[9832,]	0.000000e+00	0.000000e+00	0	0
##	[9833,]	0.000000e+00	0.000000e+00	0	0
##	[9834,]	0.000000e+00	0.000000e+00	0	0
##	[9835,]	4.000000e+00	6.400000e+01	0	0
##	[9836,]	0.000000e+00	0.000000e+00	0	0
##	[9837,]	1.648360e+05	4.108729e+06	13225	0
##	[9838,]	0.000000e+00	0.000000e+00	0	0
##	[9839,]	0.000000e+00	0.000000e+00	0	0
##	[9840,]	0.000000e+00	4.000000e+00	0	0
##	[9841,]	1.444000e+03	3.610000e+04	5107600	196
##	[9842,]	2.735290e+05	2.093062e+07	1642761961	33856
##	[9843,]	1.849000e+03	1.144900e+04	47961	1
##	[9844,]	1.000000e+00	1.600000e+01	169	0
##	[9845,]	0.000000e+00	0.000000e+00	16	0
##	[9846,]	0.000000e+00	0.000000e+00	1	0
##	[9847,]	0.000000e+00	0.000000e+00	4	0
##	[9848,]	1.000000e+00	4.000000e+00	4	0
##	[9849,]	0.000000e+00	0.000000e+00	0	0
##	[9850,]	0.000000e+00	0.000000e+00	0	0
##	[9851,]	0.000000e+00	0.000000e+00	0	0
##	[9852,]	0.000000e+00	0.000000e+00	0	0
##	[9853,]	5.041000e+03	1.089000e+03	0	0
##	[9854,]	0.000000e+00	0.000000e+00	0	0
##	[9855,]	0.000000e+00	0.000000e+00	0	0
##	[9856,]	0.000000e+00	0.000000e+00	0	0
##	[9857,]	0.000000e+00	0.000000e+00	0	0
##	[9858,]	0.000000e+00	0.000000e+00	0	0
##	[9859,]	0.000000e+00	0.000000e+00	0	0
##	[9860,]	0.000000e+00	0.000000e+00	0	0
##	[9861,]	0.000000e+00	0.000000e+00	0	0
##	[9862,]	2.220100e+04	9.741690e+05	2401	0
##	[9863,]	0.000000e+00	0.000000e+00	0	0
##	[9864,]	1.000000e+00	4.000000e+00	0	0
##	[9865,]	0.000000e+00	0.000000e+00	0	0
##	[9866,]	0.000000e+00	0.000000e+00	0	0
##	[9867,]	0.000000e+00	0.000000e+00	0	0
##	[9868,]	0.000000e+00	0.000000e+00	0	0
##	[9869,]	0.000000e+00	4.000000e+00	0	0
##	[9870,]	0.000000e+00	0.000000e+00	0	0
##	[9871,]	1.681000e+03	1.953640e+05	6724	0
##	[9872,]	0.000000e+00	0.000000e+00	0	0
##	[9873,]	0.000000e+00	4.900000e+01	1	0
##	[9874,]	0.000000e+00	0.000000e+00	0	0

##	[9875,]	0.000000e+00	0.000000e+00	0	0
##	[9876,]	0.000000e+00	0.000000e+00	0	0
##	[9877,]	0.000000e+00	0.000000e+00	0	0
##	[9878,]	0.000000e+00	0.000000e+00	0	0
##	[9879,]	0.000000e+00	0.000000e+00	0	0
##	[9880,]	4.000000e+00	9.000000e+00	0	0
##	[9881,]	0.000000e+00	0.000000e+00	1	0
##	[9882,]	6.561000e+03	3.014010e+05	249001	16
##	[9883,]	0.000000e+00	0.000000e+00	0	0
##	[9884,]	0.000000e+00	0.000000e+00	1	0
##	[9885,]	2.500000e+01	2.890000e+02	1	0
##	[9886,]	0.000000e+00	0.000000e+00	0	0
##	[9887,]	0.000000e+00	0.000000e+00	0	0
##	[9888,]	4.000000e+00	2.500000e+01	81	0
##	[9889,]	0.000000e+00	0.000000e+00	0	0
##	[9890,]	0.000000e+00	0.000000e+00	0	0
##	[9891,]	0.000000e+00	0.000000e+00	0	0
##	[9892,]	0.000000e+00	0.000000e+00	1	0
##	[9893,]	2.250000e+02	6.889000e+03	80656	4
##	[9894,]	0.000000e+00	1.000000e+00	1	0
##	[9895,]	1.000000e+00	4.000000e+00	100	0
##	[9896,]	6.002500e+04	3.247204e+06	10549504	900
##	[9897,]	0.000000e+00	0.000000e+00	0	0
##	[9898,]	0.000000e+00	0.000000e+00	0	0
##	[9899,]	0.000000e+00	0.000000e+00	0	0
##	[9900,]	5.760000e+02	2.304000e+03	1156	0
##	[9901,]	1.000000e+00	0.000000e+00	0	0
##	[9902,]	0.000000e+00	0.000000e+00	0	0
##	[9903,]	5.776000e+03	4.435560e+05	13220496	1156
##	[9904,]	0.000000e+00	1.000000e+00	1	0
##	[9905,]	0.000000e+00	0.000000e+00	0	0
##	[9906,]	8.100000e+01	5.760000e+02	900	0
##	[9907,]	1.960000e+02	1.369000e+03	101761	16
##	[9908,]	0.000000e+00	0.000000e+00	0	0
##	[9909,]	0.000000e+00	0.000000e+00	0	0
##	[9910,]	0.000000e+00	0.000000e+00	0	0
##	[9911,]	0.000000e+00	0.000000e+00	0	0
##	[9912,]	0.000000e+00	0.000000e+00	0	0
##	[9913,]	0.000000e+00	0.000000e+00	0	0
##	[9914,]	0.000000e+00	0.000000e+00	0	0
##	[9915,]	0.000000e+00	0.000000e+00	0	0
##	[9916,]	0.000000e+00	1.000000e+00	0	0
##	[9917,]	0.000000e+00	0.000000e+00	0	0
##	[9918,]	0.000000e+00	0.000000e+00	0	0
##	[9919,]	0.000000e+00	0.000000e+00	0	0
##	[9920,]	9.409000e+03	4.251040e+05	9	0
##	[9921,]	9.000000e+00	6.400000e+01	1764	0
##	[9922,]	0.000000e+00	1.000000e+00	1	0
##	[9923,]	2.304000e+03	3.624040e+05	87347716	1444
##	[9924,]	0.000000e+00	0.000000e+00	0	0
##	[9925,]	0.000000e+00	0.000000e+00	0	0
##	[9926,]	0.000000e+00	0.000000e+00	4	0
##	[9927,]	0.000000e+00	0.000000e+00	1	0
##	[9928,]	0.000000e+00	0.000000e+00	0	0

##	[9929,]	0.000000e+00	0.000000e+00	0	0
##	[9930,]	4.000000e+00	1.156000e+03	294849	9
##	[9931,]	0.000000e+00	1.000000e+00	0	0
##	[9932,]	1.000000e+00	2.500000e+01	2116	1
##	[9933,]	1.000000e+00	4.840000e+02	729316	9
##	[9934,]	0.000000e+00	0.000000e+00	0	0
##	[9935,]	0.000000e+00	0.000000e+00	0	0
##	[9936,]	0.000000e+00	0.000000e+00	0	0
##	[9937,]	0.000000e+00	0.000000e+00	0	0
##	[9938,]	1.089000e+03	2.143690e+05	171400464	1444
##	[9939,]	0.000000e+00	0.000000e+00	0	0
##	[9940,]	0.000000e+00	0.000000e+00	4	0
##	[9941,]	0.000000e+00	0.000000e+00	0	0
##	[9942,]	0.000000e+00	0.000000e+00	0	0
##	[9943,]	0.000000e+00	0.000000e+00	0	0
##	[9944,]	1.600000e+01	8.100000e+01	63001	4
##	[9945,]	0.000000e+00	0.000000e+00	0	0
##	[9946,]	1.600000e+03	2.430490e+05	114704100	1600
##	[9947,]	0.000000e+00	0.000000e+00	1	0
##	[9948,]	1.000000e+00	2.500000e+01	4356	0
##	[9949,]	0.000000e+00	0.000000e+00	0	0
##	[9950,]	0.000000e+00	0.000000e+00	0	0
##	[9951,]	0.000000e+00	0.000000e+00	0	0
##	[9952,]	0.000000e+00	0.000000e+00	0	0
##	[9953,]	0.000000e+00	0.000000e+00	0	0
##	[9954,]	1.281640e+05	4.468996e+06	17956	0
##	[9955,]	9.000000e+00	2.500000e+01	0	0
##	[9956,]	0.000000e+00	0.000000e+00	0	0
##	[9957,]	0.000000e+00	0.000000e+00	0	0
##	[9958,]	0.000000e+00	0.000000e+00	0	0
##	[9959,]	0.000000e+00	0.000000e+00	0	0
##	[9960,]	0.000000e+00	1.000000e+02	1	0
##	[9961,]	0.000000e+00	9.000000e+00	9	0
##	[9962,]	0.000000e+00	1.600000e+01	16	0
##	[9963,]	1.998090e+05	1.369740e+07	1034844561	37249
##	[9964,]	0.000000e+00	0.000000e+00	0	0
##	[9965,]	0.000000e+00	0.000000e+00	0	0
##	[9966,]	0.000000e+00	0.000000e+00	1	0
##	[9967,]	1.210000e+02	1.988100e+04	5040025	484
##	[9968,]	1.444000e+03	2.704000e+03	9216	4
##	[9969,]	0.000000e+00	1.000000e+00	4	0
##	[9970,]	4.000000e+00	9.000000e+00	49	0
##	[9971,]	0.000000e+00	0.000000e+00	0	0
##	[9972,]	2.809000e+03	9.610000e+02	0	0
##	[9973,]	0.000000e+00	0.000000e+00	0	0
##	[9974,]	0.000000e+00	0.000000e+00	0	0
##	[9975,]	0.000000e+00	0.000000e+00	0	0
##	[9976,]	0.000000e+00	0.000000e+00	0	0
##	[9977,]	0.000000e+00	0.000000e+00	0	0
##	[9978,]	0.000000e+00	0.000000e+00	0	0
##	[9979,]	0.000000e+00	0.000000e+00	0	0
##	[9980,]	0.000000e+00	0.000000e+00	0	0
##	[9981,]	0.000000e+00	0.000000e+00	0	0
##	[9982,]	1.188100e+04	5.745640e+05	2116	0

##	[9983,]	0.000000e+00	0.000000e+00	0	0
##	[9984,]	0.000000e+00	0.000000e+00	0	0
##	[9985,]	0.000000e+00	0.000000e+00	0	0
##	[9986,]	0.000000e+00	0.000000e+00	0	0
##	[9987,]	0.000000e+00	0.000000e+00	0	0
##	[9988,]	0.000000e+00	0.000000e+00	0	0
##	[9989,]	0.000000e+00	1.000000e+00	0	0
##	[9990,]	0.000000e+00	1.000000e+00	0	0
##	[9991,]	0.000000e+00	0.000000e+00	0	0
##	[9992,]	0.000000e+00	0.000000e+00	0	0
##	[9993,]	0.000000e+00	0.000000e+00	0	0
##	[9994,]	0.000000e+00	0.000000e+00	0	0
##	[9995,]	0.000000e+00	0.000000e+00	0	0
##	[9996,]	0.000000e+00	0.000000e+00	0	0
##	[9997,]	0.000000e+00	0.000000e+00	0	0
##	[9998,]	0.000000e+00	1.000000e+00	0	0
##	[9999,]	0.000000e+00	0.000000e+00	0	0
##	[10000,]	1.296000e+03	1.043290e+05	3844	1
##	[10001,]	0.000000e+00	0.000000e+00	0	0
##	[10002,]	0.000000e+00	0.000000e+00	0	0
##	[10003,]	0.000000e+00	4.000000e+00	0	0
##	[10004,]	0.000000e+00	0.000000e+00	0	0
##	[10005,]	3.600000e+01	2.500000e+01	9	0
##	[10006,]	0.000000e+00	0.000000e+00	0	0
##	[10007,]	0.000000e+00	9.000000e+00	9	0
##	[10008,]	0.000000e+00	0.000000e+00	0	0
##	[10009,]	0.000000e+00	1.000000e+00	0	0
##	[10010,]	5.776000e+03	2.171560e+05	190096	49
##	[10011,]	2.250000e+02	4.840000e+02	196	0
##	[10012,]	0.000000e+00	0.000000e+00	0	0
##	[10013,]	0.000000e+00	0.000000e+00	0	0
##	[10014,]	4.000000e+00	9.000000e+00	16	0
##	[10015,]	0.000000e+00	0.000000e+00	0	0
##	[10016,]	3.600000e+01	3.249000e+03	65536	121
##	[10017,]	0.000000e+00	4.000000e+00	0	0
##	[10018,]	0.000000e+00	0.000000e+00	4	0
##	[10019,]	3.960100e+04	2.262016e+06	6916900	1156
##	[10020,]	0.000000e+00	0.000000e+00	0	0
##	[10021,]	0.000000e+00	0.000000e+00	0	0
##	[10022,]	0.000000e+00	0.000000e+00	1	0
##	[10023,]	0.000000e+00	0.000000e+00	9	0
##	[10024,]	1.440000e+02	1.210000e+02	121	1
##	[10025,]	0.000000e+00	0.000000e+00	0	0
##	[10026,]	0.000000e+00	0.000000e+00	0	0
##	[10027,]	0.000000e+00	0.000000e+00	0	0
##	[10028,]	9.000000e+00	1.156000e+03	125316	4
##	[10029,]	0.000000e+00	0.000000e+00	0	0
##	[10030,]	4.489000e+03	3.317760e+05	9223369	841
##	[10031,]	8.281000e+03	2.766760e+05	16	0
##	[10032,]	0.000000e+00	0.000000e+00	0	0
##	[10033,]	0.000000e+00	0.000000e+00	0	0
##	[10034,]	0.000000e+00	0.000000e+00	0	0
##	[10035,]	0.000000e+00	0.000000e+00	0	0
##	[10036,]	0.000000e+00	0.000000e+00	0	0

##	[10037,]	0.000000e+00	0.000000e+00	0	0
##	[10038,]	0.000000e+00	0.000000e+00	0	0
##	[10039,]	0.000000e+00	0.000000e+00	0	0
##	[10040,]	0.000000e+00	0.000000e+00	0	0
##	[10041,]	0.000000e+00	0.000000e+00	1	0
##	[10042,]	0.000000e+00	1.000000e+00	0	0
##	[10043,]	1.681000e+03	1.953640e+05	54361129	1681
##	[10044,]	4.000000e+00	4.000000e+02	329476	25
##	[10045,]	0.000000e+00	0.000000e+00	4	0
##	[10046,]	0.000000e+00	0.000000e+00	0	0
##	[10047,]	0.000000e+00	0.000000e+00	0	0
##	[10048,]	0.000000e+00	0.000000e+00	0	0
##	[10049,]	1.600000e+01	6.400000e+01	361	0
##	[10050,]	0.000000e+00	0.000000e+00	0	0
##	[10051,]	0.000000e+00	0.000000e+00	1	0
##	[10052,]	0.000000e+00	1.000000e+00	0	0
##	[10053,]	0.000000e+00	0.000000e+00	0	0
##	[10054,]	0.000000e+00	0.000000e+00	1	0
##	[10055,]	0.000000e+00	0.000000e+00	0	0
##	[10056,]	0.000000e+00	1.440000e+02	591361	9
##	[10057,]	0.000000e+00	0.000000e+00	0	0
##	[10058,]	3.610000e+02	1.211040e+05	103999204	2209
##	[10059,]	1.000000e+00	3.600000e+01	1156	1
##	[10060,]	0.000000e+00	0.000000e+00	0	0
##	[10061,]	0.000000e+00	0.000000e+00	0	0
##	[10062,]	0.000000e+00	0.000000e+00	0	0
##	[10063,]	0.000000e+00	0.000000e+00	0	0
##	[10064,]	0.000000e+00	1.000000e+00	0	0
##	[10065,]	0.000000e+00	0.000000e+00	225	0
##	[10066,]	0.000000e+00	0.000000e+00	1	0
##	[10067,]	0.000000e+00	0.000000e+00	1	0
##	[10068,]	0.000000e+00	2.250000e+02	83521	1
##	[10069,]	0.000000e+00	0.000000e+00	0	0
##	[10070,]	2.025000e+03	1.332250e+05	72165025	1225
##	[10071,]	0.000000e+00	0.000000e+00	0	0
##	[10072,]	0.000000e+00	0.000000e+00	0	0
##	[10073,]	0.000000e+00	0.000000e+00	0	0
##	[10074,]	0.000000e+00	0.000000e+00	0	0
##	[10075,]	8.352100e+04	2.683044e+06	12544	1
##	[10076,]	0.000000e+00	0.000000e+00	0	0
##	[10077,]	0.000000e+00	0.000000e+00	0	0
##	[10078,]	0.000000e+00	1.000000e+00	0	0
##	[10079,]	0.000000e+00	4.000000e+00	0	0
##	[10080,]	0.000000e+00	0.000000e+00	0	0
##	[10081,]	0.000000e+00	0.000000e+00	0	0
##	[10082,]	0.000000e+00	0.000000e+00	1	0
##	[10083,]	1.892250e+05	1.202009e+07	1038128400	51984
##	[10084,]	0.000000e+00	0.000000e+00	0	0
##	[10085,]	0.000000e+00	1.000000e+00	4	0
##	[10086,]	4.840000e+02	9.000000e+02	15625	1
##	[10087,]	0.000000e+00	9.000000e+00	16	0
##	[10088,]	2.890000e+02	2.280100e+04	3150625	256
##	[10089,]	0.000000e+00	0.000000e+00	289	0
##	[10090,]	0.000000e+00	0.000000e+00	1	0

##	[10091,]	0.000000e+00	0.000000e+00	0	0
##	[10092,]	0.000000e+00	0.000000e+00	0	0
##	[10093,]	0.000000e+00	0.000000e+00	0	0
##	[10094,]	0.000000e+00	0.000000e+00	0	0
##	[10095,]	0.000000e+00	0.000000e+00	0	0
##	[10096,]	0.000000e+00	0.000000e+00	0	0
##	[10097,]	0.000000e+00	0.000000e+00	0	0
##	[10098,]	0.000000e+00	0.000000e+00	0	0
##	[10099,]	0.000000e+00	0.000000e+00	0	0
##	[10100,]	3.969000e+03	8.410000e+02	0	0
##	[10101,]	4.000000e+00	0.000000e+00	0	0
##	[10102,]	0.000000e+00	0.000000e+00	0	0
##	[10103,]	0.000000e+00	0.000000e+00	0	0
##	[10104,]	0.000000e+00	0.000000e+00	0	0
##	[10105,]	0.000000e+00	0.000000e+00	0	0
##	[10106,]	0.000000e+00	1.000000e+00	0	0
##	[10107,]	0.000000e+00	0.000000e+00	0	0
##	[10108,]	0.000000e+00	0.000000e+00	0	0
##	[10109,]	1.345600e+04	5.012640e+05	2304	1
##	[10110,]	0.000000e+00	0.000000e+00	0	0
##	[10111,]	0.000000e+00	0.000000e+00	0	0
##	[10112,]	1.296000e+03	9.060100e+04	3249	0
##	[10113,]	0.000000e+00	0.000000e+00	0	0
##	[10114,]	0.000000e+00	1.000000e+00	0	0
##	[10115,]	0.000000e+00	0.000000e+00	0	0
##	[10116,]	0.000000e+00	1.000000e+00	0	0
##	[10117,]	0.000000e+00	0.000000e+00	0	0
##	[10118,]	0.000000e+00	0.000000e+00	0	0
##	[10119,]	0.000000e+00	0.000000e+00	0	0
##	[10120,]	0.000000e+00	0.000000e+00	0	0
##	[10121,]	0.000000e+00	0.000000e+00	0	0
##	[10122,]	0.000000e+00	0.000000e+00	0	0
##	[10123,]	8.836000e+03	1.681000e+05	140625	49
##	[10124,]	0.000000e+00	0.000000e+00	0	0
##	[10125,]	0.000000e+00	4.000000e+00	0	0
##	[10126,]	0.000000e+00	0.000000e+00	1	0
##	[10127,]	0.000000e+00	0.000000e+00	0	0
##	[10128,]	1.000000e+00	9.000000e+00	49	0
##	[10129,]	1.600000e+01	1.600000e+01	4	0
##	[10130,]	0.000000e+00	0.000000e+00	0	0
##	[10131,]	1.210000e+02	5.625000e+03	54289	16
##	[10132,]	0.000000e+00	0.000000e+00	0	0
##	[10133,]	0.000000e+00	0.000000e+00	0	0
##	[10134,]	0.000000e+00	0.000000e+00	0	0
##	[10135,]	3.648100e+04	1.682209e+06	6365529	1936
##	[10136,]	0.000000e+00	0.000000e+00	0	0
##	[10137,]	0.000000e+00	0.000000e+00	36	0
##	[10138,]	0.000000e+00	0.000000e+00	0	0
##	[10139,]	0.000000e+00	0.000000e+00	0	0
##	[10140,]	1.000000e+02	1.000000e+02	225	0
##	[10141,]	0.000000e+00	0.000000e+00	0	0
##	[10142,]	0.000000e+00	0.000000e+00	0	0
##	[10143,]	2.916000e+03	2.862250e+05	8964036	961
##	[10144,]	0.000000e+00	0.000000e+00	0	0

##	[10145,]	0.000000e+00	0.000000e+00	0	0
##	[10146,]	0.000000e+00	0.000000e+00	0	0
##	[10147,]	2.500000e+01	8.100000e+01	361	0
##	[10148,]	0.000000e+00	0.000000e+00	1	0
##	[10149,]	0.000000e+00	0.000000e+00	0	0
##	[10150,]	9.000000e+00	9.000000e+02	77841	4
##	[10151,]	0.000000e+00	0.000000e+00	0	0
##	[10152,]	0.000000e+00	0.000000e+00	0	0
##	[10153,]	0.000000e+00	0.000000e+00	0	0
##	[10154,]	0.000000e+00	0.000000e+00	0	0
##	[10155,]	0.000000e+00	0.000000e+00	0	0
##	[10156,]	1.060900e+04	3.481000e+05	4	0
##	[10157,]	0.000000e+00	0.000000e+00	0	0
##	[10158,]	0.000000e+00	0.000000e+00	0	0
##	[10159,]	0.000000e+00	0.000000e+00	0	0
##	[10160,]	0.000000e+00	0.000000e+00	0	0
##	[10161,]	0.000000e+00	0.000000e+00	9	0
##	[10162,]	0.000000e+00	0.000000e+00	0	0
##	[10163,]	1.156000e+03	2.143690e+05	58614336	2500
##	[10164,]	0.000000e+00	0.000000e+00	9	0
##	[10165,]	4.000000e+00	4.410000e+02	229441	49
##	[10166,]	1.000000e+00	9.000000e+00	676	0
##	[10167,]	0.000000e+00	0.000000e+00	0	0
##	[10168,]	0.000000e+00	0.000000e+00	0	0
##	[10169,]	0.000000e+00	0.000000e+00	1	0
##	[10170,]	0.000000e+00	1.000000e+00	0	0
##	[10171,]	0.000000e+00	0.000000e+00	1	0
##	[10172,]	0.000000e+00	0.000000e+00	0	0
##	[10173,]	0.000000e+00	0.000000e+00	0	0
##	[10174,]	1.000000e+00	1.600000e+01	1089	0
##	[10175,]	0.000000e+00	0.000000e+00	9	0
##	[10176,]	0.000000e+00	0.000000e+00	0	0
##	[10177,]	9.610000e+02	1.466890e+05	103774969	3721
##	[10178,]	0.000000e+00	0.000000e+00	1	0
##	[10179,]	0.000000e+00	0.000000e+00	0	0
##	[10180,]	0.000000e+00	2.250000e+02	322624	1
##	[10181,]	0.000000e+00	0.000000e+00	0	0
##	[10182,]	1.000000e+00	0.000000e+00	900	1
##	[10183,]	9.610000e+02	1.436410e+05	71995225	1225
##	[10184,]	0.000000e+00	0.000000e+00	1	0
##	[10185,]	0.000000e+00	0.000000e+00	0	0
##	[10186,]	0.000000e+00	0.000000e+00	0	0
##	[10187,]	0.000000e+00	4.900000e+01	43681	4
##	[10188,]	0.000000e+00	1.000000e+00	1	0
##	[10189,]	0.000000e+00	0.000000e+00	9	0
##	[10190,]	0.000000e+00	0.000000e+00	0	0
##	[10191,]	0.000000e+00	0.000000e+00	0	0
##	[10192,]	0.000000e+00	0.000000e+00	0	0
##	[10193,]	0.000000e+00	0.000000e+00	0	0
##	[10194,]	0.000000e+00	4.000000e+00	0	0
##	[10195,]	1.011240e+05	2.650384e+06	11449	1
##	[10196,]	4.000000e+00	1.000000e+00	0	0
##	[10197,]	0.000000e+00	0.000000e+00	0	0
##	[10198,]	0.000000e+00	0.000000e+00	0	0

##	[10199,]	0.000000e+00	0.000000e+00	0	0
##	[10200,]	0.000000e+00	0.000000e+00	0	0
##	[10201,]	0.000000e+00	0.000000e+00	0	0
##	[10202,]	0.000000e+00	0.000000e+00	0	0
##	[10203,]	0.000000e+00	0.000000e+00	0	0
##	[10204,]	2.890000e+02	1.960000e+04	4626801	324
##	[10205,]	1.156000e+03	1.369000e+03	12996	0
##	[10206,]	0.000000e+00	0.000000e+00	0	0
##	[10207,]	0.000000e+00	0.000000e+00	1	0
##	[10208,]	1.000000e+00	1.000000e+00	121	0
##	[10209,]	1.576090e+05	1.001722e+07	955860889	40000
##	[10210,]	0.000000e+00	2.500000e+01	36	0
##	[10211,]	0.000000e+00	0.000000e+00	0	0
##	[10212,]	0.000000e+00	0.000000e+00	0	0
##	[10213,]	0.000000e+00	0.000000e+00	0	0
##	[10214,]	0.000000e+00	0.000000e+00	0	0
##	[10215,]	0.000000e+00	0.000000e+00	0	0
##	[10216,]	0.000000e+00	0.000000e+00	0	0
##	[10217,]	0.000000e+00	0.000000e+00	0	0
##	[10218,]	0.000000e+00	0.000000e+00	0	0
##	[10219,]	0.000000e+00	0.000000e+00	0	0
##	[10220,]	5.184000e+03	1.600000e+03	1	0
##	[10221,]	0.000000e+00	0.000000e+00	0	0
##	[10222,]	0.000000e+00	0.000000e+00	0	0
##	[10223,]	1.000000e+00	0.000000e+00	0	0
##	[10224,]	0.000000e+00	0.000000e+00	0	0
##	[10225,]	0.000000e+00	0.000000e+00	0	0
##	[10226,]	0.000000e+00	0.000000e+00	0	0
##	[10227,]	0.000000e+00	1.000000e+00	0	0
##	[10228,]	0.000000e+00	0.000000e+00	0	0
##	[10229,]	1.440000e+04	8.760960e+05	2704	0
##	[10230,]	0.000000e+00	0.000000e+00	0	0
##	[10231,]	0.000000e+00	0.000000e+00	0	0
##	[10232,]	1.764000e+03	9.180900e+04	6561	0
##	[10233,]	9.000000e+00	1.000000e+00	0	0
##	[10234,]	0.000000e+00	1.000000e+00	0	0
##	[10235,]	0.000000e+00	0.000000e+00	0	0
##	[10236,]	0.000000e+00	0.000000e+00	0	0
##	[10237,]	0.000000e+00	0.000000e+00	0	0
##	[10238,]	0.000000e+00	0.000000e+00	0	0
##	[10239,]	0.000000e+00	0.000000e+00	0	0
##	[10240,]	0.000000e+00	0.000000e+00	0	0
##	[10241,]	9.000000e+00	4.000000e+00	9	0
##	[10242,]	0.000000e+00	0.000000e+00	0	0
##	[10243,]	0.000000e+00	0.000000e+00	0	0
##	[10244,]	0.000000e+00	0.000000e+00	0	0
##	[10245,]	0.000000e+00	0.000000e+00	0	0
##	[10246,]	2.916000e+03	1.253160e+05	132496	25
##	[10247,]	0.000000e+00	0.000000e+00	0	0
##	[10248,]	0.000000e+00	4.900000e+01	16	0
##	[10249,]	0.000000e+00	0.000000e+00	0	0
##	[10250,]	0.000000e+00	0.000000e+00	0	0
##	[10251,]	0.000000e+00	0.000000e+00	0	0
##	[10252,]	3.763600e+04	1.522756e+06	6610041	1600

##	[10253,]	1.000000e+02	3.969000e+03	84100	16
##	[10254,]	0.000000e+00	4.000000e+00	4	0
##	[10255,]	0.000000e+00	0.000000e+00	0	0
##	[10256,]	0.000000e+00	1.000000e+00	1	0
##	[10257,]	3.610000e+02	1.690000e+02	49	0
##	[10258,]	0.000000e+00	0.000000e+00	0	0
##	[10259,]	0.000000e+00	0.000000e+00	0	0
##	[10260,]	0.000000e+00	0.000000e+00	0	0
##	[10261,]	0.000000e+00	0.000000e+00	0	0
##	[10262,]	2.500000e+01	1.225000e+03	142884	9
##	[10263,]	1.000000e+00	0.000000e+00	4	0
##	[10264,]	0.000000e+00	0.000000e+00	0	0
##	[10265,]	3.136000e+03	2.621440e+05	10419984	1225
##	[10266,]	0.000000e+00	0.000000e+00	0	0
##	[10267,]	1.600000e+01	1.210000e+02	256	0
##	[10268,]	0.000000e+00	9.000000e+00	16	0
##	[10269,]	0.000000e+00	0.000000e+00	0	0
##	[10270,]	0.000000e+00	0.000000e+00	0	0
##	[10271,]	0.000000e+00	0.000000e+00	0	0
##	[10272,]	1.144900e+04	7.293160e+05	9	0
##	[10273,]	0.000000e+00	0.000000e+00	0	0
##	[10274,]	0.000000e+00	0.000000e+00	0	0
##	[10275,]	0.000000e+00	0.000000e+00	0	0
##	[10276,]	0.000000e+00	0.000000e+00	0	0
##	[10277,]	0.000000e+00	0.000000e+00	0	0
##	[10278,]	0.000000e+00	0.000000e+00	0	0
##	[10279,]	0.000000e+00	0.000000e+00	0	0
##	[10280,]	0.000000e+00	0.000000e+00	0	0
##	[10281,]	0.000000e+00	0.000000e+00	0	0
##	[10282,]	0.000000e+00	0.000000e+00	0	0
##	[10283,]	0.000000e+00	0.000000e+00	0	0
##	[10284,]	0.000000e+00	0.000000e+00	0	0
##	[10285,]	1.000000e+00	1.960000e+02	459684	25
##	[10286,]	0.000000e+00	0.000000e+00	0	0
##	[10287,]	0.000000e+00	0.000000e+00	0	0
##	[10288,]	1.156000e+03	1.772410e+05	68525284	1936
##	[10289,]	0.000000e+00	0.000000e+00	1	0
##	[10290,]	9.000000e+00	3.600000e+01	961	0
##	[10291,]	0.000000e+00	0.000000e+00	0	0
##	[10292,]	0.000000e+00	0.000000e+00	0	0
##	[10293,]	0.000000e+00	0.000000e+00	0	0
##	[10294,]	0.000000e+00	0.000000e+00	9	0
##	[10295,]	9.000000e+00	1.600000e+01	1156	0
##	[10296,]	6.250000e+02	1.253160e+05	90212004	1764
##	[10297,]	0.000000e+00	0.000000e+00	1	0
##	[10298,]	0.000000e+00	0.000000e+00	0	0
##	[10299,]	0.000000e+00	0.000000e+00	0	0
##	[10300,]	1.000000e+00	1.000000e+02	399424	25
##	[10301,]	1.156000e+03	8.410000e+04	48692484	1156
##	[10302,]	0.000000e+00	0.000000e+00	0	0
##	[10303,]	0.000000e+00	0.000000e+00	0	0
##	[10304,]	0.000000e+00	0.000000e+00	16	0
##	[10305,]	4.000000e+00	1.000000e+00	529	0
##	[10306,]	0.000000e+00	0.000000e+00	0	0

##	[10307,]	0.000000e+00	0.000000e+00	0	0
##	[10308,]	0.000000e+00	0.000000e+00	0	0
##	[10309,]	0.000000e+00	0.000000e+00	0	0
##	[10310,]	0.000000e+00	1.210000e+02	28561	1
##	[10311,]	0.000000e+00	0.000000e+00	0	0
##	[10312,]	0.000000e+00	0.000000e+00	0	0
##	[10313,]	0.000000e+00	0.000000e+00	0	0
##	[10314,]	1.162810e+05	4.549689e+06	18769	0
##	[10315,]	0.000000e+00	4.000000e+00	0	0
##	[10316,]	0.000000e+00	0.000000e+00	0	0
##	[10317,]	0.000000e+00	0.000000e+00	0	0
##	[10318,]	0.000000e+00	0.000000e+00	0	0
##	[10319,]	1.600000e+01	1.000000e+00	0	0
##	[10320,]	0.000000e+00	0.000000e+00	0	0
##	[10321,]	0.000000e+00	0.000000e+00	0	0
##	[10322,]	2.025000e+03	4.096000e+03	17161	16
##	[10323,]	0.000000e+00	0.000000e+00	0	0
##	[10324,]	0.000000e+00	1.000000e+00	1	0
##	[10325,]	0.000000e+00	1.000000e+00	9	1
##	[10326,]	1.849000e+05	1.294560e+07	1299530401	68121
##	[10327,]	0.000000e+00	1.000000e+00	25	0
##	[10328,]	0.000000e+00	1.600000e+01	49	0
##	[10329,]	2.500000e+01	2.856100e+04	4884100	841
##	[10330,]	0.000000e+00	0.000000e+00	4	0
##	[10331,]	0.000000e+00	0.000000e+00	0	0
##	[10332,]	0.000000e+00	0.000000e+00	0	0
##	[10333,]	0.000000e+00	0.000000e+00	0	0
##	[10334,]	0.000000e+00	0.000000e+00	0	0
##	[10335,]	0.000000e+00	0.000000e+00	0	0
##	[10336,]	0.000000e+00	1.000000e+00	0	0
##	[10337,]	0.000000e+00	0.000000e+00	0	0
##	[10338,]	0.000000e+00	0.000000e+00	0	0
##	[10339,]	0.000000e+00	0.000000e+00	0	0
##	[10340,]	7.225000e+03	1.102500e+04	0	0
##	[10341,]	0.000000e+00	0.000000e+00	0	0
##	[10342,]	0.000000e+00	0.000000e+00	0	0
##	[10343,]	1.742400e+04	1.669264e+06	6241	0
##	[10344,]	0.000000e+00	0.000000e+00	0	0
##	[10345,]	0.000000e+00	0.000000e+00	0	0
##	[10346,]	0.000000e+00	0.000000e+00	0	0
##	[10347,]	0.000000e+00	0.000000e+00	0	0
##	[10348,]	0.000000e+00	0.000000e+00	0	0
##	[10349,]	0.000000e+00	0.000000e+00	0	0
##	[10350,]	1.000000e+00	1.000000e+00	0	0
##	[10351,]	0.000000e+00	0.000000e+00	0	0
##	[10352,]	0.000000e+00	0.000000e+00	0	0
##	[10353,]	0.000000e+00	0.000000e+00	0	0
##	[10354,]	4.000000e+00	0.000000e+00	0	0
##	[10355,]	0.000000e+00	0.000000e+00	0	0
##	[10356,]	0.000000e+00	0.000000e+00	0	0
##	[10357,]	0.000000e+00	0.000000e+00	0	0
##	[10358,]	0.000000e+00	0.000000e+00	0	0
##	[10359,]	0.000000e+00	0.000000e+00	0	0
##	[10360,]	1.521000e+03	1.497690e+05	9604	1

##	[10361,]	6.400000e+01	2.500000e+01	9	0
##	[10362,]	0.000000e+00	0.000000e+00	1	0
##	[10363,]	0.000000e+00	0.000000e+00	0	0
##	[10364,]	0.000000e+00	0.000000e+00	0	0
##	[10365,]	0.000000e+00	0.000000e+00	0	0
##	[10366,]	0.000000e+00	0.000000e+00	0	0
##	[10367,]	0.000000e+00	0.000000e+00	0	0
##	[10368,]	0.000000e+00	0.000000e+00	0	0
##	[10369,]	4.900000e+03	1.672810e+05	186624	100
##	[10370,]	0.000000e+00	2.500000e+01	25	0
##	[10371,]	0.000000e+00	6.084000e+03	96100	64
##	[10372,]	0.000000e+00	0.000000e+00	4	0
##	[10373,]	3.572100e+04	1.827904e+06	10208025	1849
##	[10374,]	0.000000e+00	0.000000e+00	0	0
##	[10375,]	0.000000e+00	1.000000e+00	0	0
##	[10376,]	0.000000e+00	0.000000e+00	4	0
##	[10377,]	0.000000e+00	0.000000e+00	0	0
##	[10378,]	0.000000e+00	0.000000e+00	0	0
##	[10379,]	3.610000e+02	6.250000e+02	324	1
##	[10380,]	0.000000e+00	1.000000e+00	0	0
##	[10381,]	0.000000e+00	4.000000e+00	0	0
##	[10382,]	0.000000e+00	0.000000e+00	0	0
##	[10383,]	1.440000e+02	3.610000e+02	484	4
##	[10384,]	0.000000e+00	0.000000e+00	0	0
##	[10385,]	2.809000e+03	3.169690e+05	14409616	1369
##	[10386,]	0.000000e+00	0.000000e+00	1	0
##	[10387,]	0.000000e+00	0.000000e+00	0	0
##	[10388,]	0.000000e+00	0.000000e+00	0	0
##	[10389,]	9.000000e+00	1.521000e+03	121801	49
##	[10390,]	0.000000e+00	1.000000e+00	1	1
##	[10391,]	0.000000e+00	0.000000e+00	0	0
##	[10392,]	0.000000e+00	0.000000e+00	0	0
##	[10393,]	0.000000e+00	0.000000e+00	0	0
##	[10394,]	0.000000e+00	1.600000e+01	0	0
##	[10395,]	0.000000e+00	0.000000e+00	0	0
##	[10396,]	0.000000e+00	0.000000e+00	0	0
##	[10397,]	2.190400e+04	1.610361e+06	9	0
##	[10398,]	0.000000e+00	0.000000e+00	0	0
##	[10399,]	0.000000e+00	0.000000e+00	0	0
##	[10400,]	0.000000e+00	0.000000e+00	0	0
##	[10401,]	4.000000e+00	4.410000e+02	432964	100
##	[10402,]	0.000000e+00	0.000000e+00	0	0
##	[10403,]	0.000000e+00	0.000000e+00	0	0
##	[10404,]	0.000000e+00	0.000000e+00	0	0
##	[10405,]	0.000000e+00	0.000000e+00	1	0
##	[10406,]	1.849000e+03	2.440360e+05	95609284	5184
##	[10407,]	0.000000e+00	0.000000e+00	0	0
##	[10408,]	0.000000e+00	1.000000e+00	1	0
##	[10409,]	0.000000e+00	0.000000e+00	4	0
##	[10410,]	9.000000e+00	6.400000e+01	784	0
##	[10411,]	0.000000e+00	0.000000e+00	0	0
##	[10412,]	0.000000e+00	0.000000e+00	0	0
##	[10413,]	0.000000e+00	0.000000e+00	0	0
##	[10414,]	0.000000e+00	0.000000e+00	0	0

##	[10415,]	0.000000e+00	0.000000e+00	0	0
##	[10416,]	0.000000e+00	0.000000e+00	0	0
##	[10417,]	0.000000e+00	2.890000e+02	461041	4
##	[10418,]	1.156000e+03	1.640250e+05	115218756	3249
##	[10419,]	9.000000e+00	3.600000e+01	900	1
##	[10420,]	0.000000e+00	0.000000e+00	4	0
##	[10421,]	0.000000e+00	1.000000e+00	9	0
##	[10422,]	0.000000e+00	0.000000e+00	0	0
##	[10423,]	0.000000e+00	1.000000e+00	900	0
##	[10424,]	1.681000e+03	1.406250e+05	65836996	1764
##	[10425,]	0.000000e+00	0.000000e+00	0	0
##	[10426,]	0.000000e+00	8.100000e+01	43681	4
##	[10427,]	0.000000e+00	0.000000e+00	0	0
##	[10428,]	0.000000e+00	0.000000e+00	0	0
##	[10429,]	0.000000e+00	0.000000e+00	1	0
##	[10430,]	0.000000e+00	0.000000e+00	1	0
##	[10431,]	0.000000e+00	2.500000e+01	0	0
##	[10432,]	0.000000e+00	0.000000e+00	0	0
##	[10433,]	0.000000e+00	0.000000e+00	0	0
##	[10434,]	0.000000e+00	0.000000e+00	0	0
##	[10435,]	0.000000e+00	0.000000e+00	0	0
##	[10436,]	0.000000e+00	0.000000e+00	0	0
##	[10437,]	1.632160e+05	9.320809e+06	32400	1
##	[10438,]	0.000000e+00	0.000000e+00	0	0
##	[10439,]	9.000000e+00	1.000000e+00	0	0
##	[10440,]	0.000000e+00	0.000000e+00	0	0
##	[10441,]	0.000000e+00	4.000000e+00	289	0
##	[10442,]	0.000000e+00	9.000000e+00	9	0
##	[10443,]	6.400000e+01	1.960000e+02	1156	1
##	[10444,]	0.000000e+00	0.000000e+00	0	0
##	[10445,]	2.560000e+02	2.280100e+04	9132484	1156
##	[10446,]	0.000000e+00	0.000000e+00	1	0
##	[10447,]	7.290000e+02	1.089000e+03	18769	64
##	[10448,]	0.000000e+00	0.000000e+00	1	0
##	[10449,]	1.281640e+05	1.319142e+07	1651121956	123904
##	[10450,]	1.000000e+00	1.600000e+01	2025	0
##	[10451,]	0.000000e+00	0.000000e+00	0	0
##	[10452,]	1.102500e+04	1.849600e+04	4	0
##	[10453,]	0.000000e+00	0.000000e+00	0	0
##	[10454,]	0.000000e+00	0.000000e+00	0	0
##	[10455,]	0.000000e+00	0.000000e+00	0	0
##	[10456,]	0.000000e+00	0.000000e+00	0	0
##	[10457,]	0.000000e+00	0.000000e+00	0	0
##	[10458,]	0.000000e+00	0.000000e+00	0	0
##	[10459,]	0.000000e+00	0.000000e+00	0	0
##	[10460,]	0.000000e+00	0.000000e+00	0	0
##	[10461,]	0.000000e+00	0.000000e+00	0	0
##	[10462,]	0.000000e+00	0.000000e+00	0	0
##	[10463,]	3.610000e+04	4.012009e+06	99225	0
##	[10464,]	1.000000e+00	0.000000e+00	0	0
##	[10465,]	0.000000e+00	0.000000e+00	0	0
##	[10466,]	0.000000e+00	0.000000e+00	0	0
##	[10467,]	0.000000e+00	0.000000e+00	0	0
##	[10468,]	0.000000e+00	1.000000e+00	0	0

##	[10469,]	0.000000e+00	0.000000e+00	0	0
##	[10470,]	0.000000e+00	9.000000e+00	1	0
##	[10471,]	0.000000e+00	0.000000e+00	1	0
##	[10472,]	0.000000e+00	0.000000e+00	0	0
##	[10473,]	1.000000e+00	3.600000e+01	1	0
##	[10474,]	0.000000e+00	0.000000e+00	0	0
##	[10475,]	0.000000e+00	0.000000e+00	0	0
##	[10476,]	1.296000e+03	1.780840e+05	62500	0
##	[10477,]	0.000000e+00	0.000000e+00	0	0
##	[10478,]	0.000000e+00	0.000000e+00	0	0
##	[10479,]	0.000000e+00	0.000000e+00	0	0
##	[10480,]	1.000000e+00	0.000000e+00	1	0
##	[10481,]	0.000000e+00	0.000000e+00	0	0
##	[10482,]	1.000000e+00	1.000000e+00	36	0
##	[10483,]	0.000000e+00	0.000000e+00	0	0
##	[10484,]	0.000000e+00	1.000000e+00	4	0
##	[10485,]	0.000000e+00	0.000000e+00	0	0
##	[10486,]	4.900000e+01	4.000000e+00	4	1
##	[10487,]	0.000000e+00	0.000000e+00	0	0
##	[10488,]	0.000000e+00	0.000000e+00	0	0
##	[10489,]	4.761000e+03	1.918440e+05	368449	324
##	[10490,]	0.000000e+00	0.000000e+00	0	0
##	[10491,]	0.000000e+00	0.000000e+00	0	0
##	[10492,]	0.000000e+00	9.000000e+00	0	0
##	[10493,]	2.371600e+04	2.030625e+06	29877156	9604
##	[10494,]	0.000000e+00	0.000000e+00	0	0
##	[10495,]	8.100000e+01	2.250000e+02	576	4
##	[10496,]	4.900000e+01	4.225000e+03	370881	36
##	[10497,]	0.000000e+00	0.000000e+00	0	0
##	[10498,]	3.600000e+01	3.600000e+01	169	0
##	[10499,]	0.000000e+00	4.000000e+00	1	0
##	[10500,]	0.000000e+00	4.000000e+00	16	0
##	[10501,]	0.000000e+00	0.000000e+00	0	0
##	[10502,]	1.600000e+01	6.250000e+02	405769	100
##	[10503,]	8.100000e+01	2.500000e+01	676	4
##	[10504,]	2.500000e+03	3.588010e+05	32137561	5184
##	[10505,]	0.000000e+00	0.000000e+00	4	0
##	[10506,]	0.000000e+00	0.000000e+00	0	0
##	[10507,]	0.000000e+00	4.000000e+00	0	0
##	[10508,]	0.000000e+00	0.000000e+00	0	0
##	[10509,]	0.000000e+00	0.000000e+00	81	0
##	[10510,]	1.000000e+00	4.000000e+00	81	0
##	[10511,]	0.000000e+00	0.000000e+00	0	0
##	[10512,]	0.000000e+00	0.000000e+00	0	0
##	[10513,]	0.000000e+00	0.000000e+00	0	0
##	[10514,]	0.000000e+00	0.000000e+00	0	0
##	[10515,]	0.000000e+00	4.000000e+00	0	0
##	[10516,]	0.000000e+00	0.000000e+00	0	0
##	[10517,]	0.000000e+00	0.000000e+00	0	0
##	[10518,]	0.000000e+00	0.000000e+00	0	0
##	[10519,]	5.808100e+04	4.879681e+06	441	0
##	[10520,]	0.000000e+00	0.000000e+00	0	0
##	[10521,]	9.000000e+02	2.381440e+05	110040100	4225
##	[10522,]	0.000000e+00	0.000000e+00	0	0

##	[10523,]	0.000000e+00	0.000000e+00	0	0
##	[10524,]	0.000000e+00	0.000000e+00	9	0
##	[10525,]	0.000000e+00	0.000000e+00	0	0
##	[10526,]	0.000000e+00	0.000000e+00	4	0
##	[10527,]	0.000000e+00	1.600000e+01	25	1
##	[10528,]	0.000000e+00	0.000000e+00	0	0
##	[10529,]	4.000000e+00	7.840000e+02	620944	64
##	[10530,]	4.000000e+00	6.400000e+01	841	9
##	[10531,]	0.000000e+00	0.000000e+00	1	0
##	[10532,]	0.000000e+00	0.000000e+00	1	0
##	[10533,]	1.000000e+00	0.000000e+00	16	0
##	[10534,]	6.250000e+02	1.162810e+05	111576969	5041
##	[10535,]	1.000000e+00	0.000000e+00	64	0
##	[10536,]	0.000000e+00	0.000000e+00	0	0
##	[10537,]	0.000000e+00	4.000000e+00	729	0
##	[10538,]	0.000000e+00	0.000000e+00	1	0
##	[10539,]	0.000000e+00	3.240000e+02	591361	36
##	[10540,]	0.000000e+00	0.000000e+00	1	0
##	[10541,]	0.000000e+00	1.000000e+00	841	0
##	[10542,]	0.000000e+00	0.000000e+00	0	0
##	[10543,]	0.000000e+00	0.000000e+00	1156	0
##	[10544,]	0.000000e+00	0.000000e+00	0	0
##	[10545,]	0.000000e+00	0.000000e+00	0	0
##	[10546,]	0.000000e+00	0.000000e+00	0	0
##	[10547,]	0.000000e+00	0.000000e+00	0	0
##	[10548,]	0.000000e+00	1.000000e+00	1	0
##	[10549,]	4.000000e+00	1.960000e+02	45369	16
##	[10550,]	9.000000e+02	1.162810e+05	61449921	784
##	[10551,]	0.000000e+00	0.000000e+00	0	0
##	[10552,]	0.000000e+00	0.000000e+00	0	0
##	[10553,]	0.000000e+00	0.000000e+00	0	0
##	[10554,]	0.000000e+00	0.000000e+00	0	0
##	[10555,]	1.000000e+00	1.210000e+02	4	0
##	[10556,]	3.271840e+05	2.275290e+07	345744	0
##	[10557,]	0.000000e+00	1.000000e+00	0	0
##	[10558,]	4.000000e+00	0.000000e+00	1	0
##	[10559,]	0.000000e+00	0.000000e+00	0	0
##	[10560,]	0.000000e+00	0.000000e+00	1	0
##	[10561,]	1.000000e+00	1.000000e+00	64	0
##	[10562,]	0.000000e+00	4.000000e+00	9	0
##	[10563,]	9.000000e+00	8.100000e+01	900	0
##	[10564,]	1.764000e+05	1.376410e+07	2266997769	197136
##	[10565,]	0.000000e+00	0.000000e+00	0	0
##	[10566,]	9.000000e+00	1.210000e+02	2025	0
##	[10567,]	0.000000e+00	1.000000e+00	9	0
##	[10568,]	0.000000e+00	0.000000e+00	1	0
##	[10569,]	4.410000e+02	2.924100e+04	11675889	2916
##	[10570,]	1.369000e+03	2.704000e+03	21316	16
##	[10571,]	0.000000e+00	0.000000e+00	0	0
##	[10572,]	0.000000e+00	0.000000e+00	0	0
##	[10573,]	0.000000e+00	0.000000e+00	0	0
##	[10574,]	0.000000e+00	0.000000e+00	0	0
##	[10575,]	0.000000e+00	0.000000e+00	0	0
##	[10576,]	9.801000e+03	9.604000e+03	0	0

##	[10577,]	0.000000e+00	0.000000e+00	0	0
##	[10578,]	0.000000e+00	0.000000e+00	0	0
##	[10579,]	0.000000e+00	0.000000e+00	0	0
##	[10580,]	0.000000e+00	0.000000e+00	0	0
##	[10581,]	2.102500e+04	3.396649e+06	146689	0
##	[10582,]	0.000000e+00	0.000000e+00	0	0
##	[10583,]	0.000000e+00	4.000000e+00	0	0
##	[10584,]	0.000000e+00	0.000000e+00	0	0
##	[10585,]	1.000000e+00	0.000000e+00	0	0
##	[10586,]	0.000000e+00	0.000000e+00	0	0
##	[10587,]	0.000000e+00	0.000000e+00	0	0
##	[10588,]	0.000000e+00	0.000000e+00	1	0
##	[10589,]	0.000000e+00	0.000000e+00	0	0
##	[10590,]	0.000000e+00	1.000000e+00	0	0
##	[10591,]	0.000000e+00	0.000000e+00	0	0
##	[10592,]	0.000000e+00	0.000000e+00	0	0
##	[10593,]	0.000000e+00	2.500000e+01	0	0
##	[10594,]	0.000000e+00	0.000000e+00	0	0
##	[10595,]	0.000000e+00	0.000000e+00	0	0
##	[10596,]	0.000000e+00	0.000000e+00	0	0
##	[10597,]	0.000000e+00	0.000000e+00	0	0
##	[10598,]	0.000000e+00	1.000000e+00	0	0
##	[10599,]	4.000000e+00	0.000000e+00	9	0
##	[10600,]	9.000000e+02	2.025000e+05	91809	4
##	[10601,]	0.000000e+00	0.000000e+00	0	0
##	[10602,]	9.000000e+00	4.000000e+00	25	0
##	[10603,]	0.000000e+00	0.000000e+00	0	0
##	[10604,]	6.889000e+03	1.664640e+05	762129	256
##	[10605,]	0.000000e+00	0.000000e+00	0	0
##	[10606,]	1.000000e+00	0.000000e+00	1	0
##	[10607,]	0.000000e+00	0.000000e+00	0	0
##	[10608,]	1.000000e+00	1.600000e+01	100	0
##	[10609,]	0.000000e+00	0.000000e+00	0	0
##	[10610,]	4.000000e+00	0.000000e+00	0	0
##	[10611,]	3.610000e+04	2.024929e+06	43930384	14884
##	[10612,]	0.000000e+00	1.000000e+00	0	0
##	[10613,]	0.000000e+00	0.000000e+00	0	0
##	[10614,]	4.000000e+00	4.000000e+00	9	0
##	[10615,]	4.410000e+02	5.290000e+02	529	1
##	[10616,]	0.000000e+00	1.000000e+00	1	0
##	[10617,]	1.000000e+00	3.600000e+01	81	0
##	[10618,]	1.000000e+00	0.000000e+00	0	0
##	[10619,]	0.000000e+00	0.000000e+00	0	0
##	[10620,]	1.210000e+02	4.900000e+03	410881	361
##	[10621,]	0.000000e+00	0.000000e+00	4	0
##	[10622,]	3.249000e+03	3.352410e+05	52490025	5476
##	[10623,]	0.000000e+00	0.000000e+00	0	0
##	[10624,]	0.000000e+00	1.000000e+00	9	0
##	[10625,]	6.400000e+01	1.210000e+02	484	1
##	[10626,]	1.600000e+01	1.369000e+03	567009	144
##	[10627,]	0.000000e+00	4.000000e+00	25	0
##	[10628,]	0.000000e+00	0.000000e+00	0	0
##	[10629,]	0.000000e+00	4.000000e+00	25	0
##	[10630,]	0.000000e+00	0.000000e+00	0	0

##	[10631,]	0.000000e+00	0.000000e+00	0	0
##	[10632,]	0.000000e+00	0.000000e+00	0	0
##	[10633,]	0.000000e+00	0.000000e+00	0	0
##	[10634,]	2.788900e+04	3.845521e+06	64	0
##	[10635,]	0.000000e+00	0.000000e+00	0	0
##	[10636,]	0.000000e+00	0.000000e+00	0	0
##	[10637,]	0.000000e+00	0.000000e+00	0	0
##	[10638,]	0.000000e+00	0.000000e+00	0	0
##	[10639,]	0.000000e+00	0.000000e+00	0	0
##	[10640,]	0.000000e+00	0.000000e+00	0	0
##	[10641,]	0.000000e+00	0.000000e+00	1	0
##	[10642,]	0.000000e+00	0.000000e+00	1	0
##	[10643,]	1.521000e+03	2.570490e+05	148401124	9216
##	[10644,]	0.000000e+00	1.000000e+00	49	0
##	[10645,]	9.000000e+00	2.500000e+01	1024	0
##	[10646,]	0.000000e+00	0.000000e+00	9	0
##	[10647,]	0.000000e+00	1.000000e+00	49	0
##	[10648,]	0.000000e+00	0.000000e+00	1	0
##	[10649,]	9.000000e+00	8.410000e+02	952576	121
##	[10650,]	0.000000e+00	0.000000e+00	0	0
##	[10651,]	0.000000e+00	0.000000e+00	4	0
##	[10652,]	0.000000e+00	1.000000e+00	0	0
##	[10653,]	1.000000e+00	3.610000e+02	616225	81
##	[10654,]	0.000000e+00	0.000000e+00	1	0
##	[10655,]	0.000000e+00	0.000000e+00	1	0
##	[10656,]	0.000000e+00	0.000000e+00	0	0
##	[10657,]	4.000000e+00	1.600000e+01	1521	4
##	[10658,]	0.000000e+00	0.000000e+00	0	0
##	[10659,]	0.000000e+00	4.000000e+00	169	0
##	[10660,]	5.760000e+02	1.681000e+05	145878084	6084
##	[10661,]	0.000000e+00	0.000000e+00	0	0
##	[10662,]	0.000000e+00	0.000000e+00	0	0
##	[10663,]	0.000000e+00	0.000000e+00	0	0
##	[10664,]	0.000000e+00	0.000000e+00	0	0
##	[10665,]	0.000000e+00	1.600000e+01	256	0
##	[10666,]	0.000000e+00	0.000000e+00	64	0
##	[10667,]	1.000000e+00	1.440000e+02	63504	9
##	[10668,]	0.000000e+00	4.900000e+01	625	0
##	[10669,]	0.000000e+00	0.000000e+00	0	0
##	[10670,]	7.290000e+02	1.466890e+05	74080449	3364
##	[10671,]	1.944810e+05	1.893990e+07	481636	4
##	[10672,]	0.000000e+00	1.000000e+00	0	0
##	[10673,]	0.000000e+00	0.000000e+00	0	0
##	[10674,]	0.000000e+00	0.000000e+00	0	0
##	[10675,]	0.000000e+00	0.000000e+00	0	0
##	[10676,]	0.000000e+00	3.600000e+01	0	0
##	[10677,]	4.000000e+00	4.000000e+00	9	0
##	[10678,]	1.000000e+00	0.000000e+00	0	0
##	[10679,]	0.000000e+00	0.000000e+00	1	0
##	[10680,]	0.000000e+00	0.000000e+00	0	0
##	[10681,]	0.000000e+00	0.000000e+00	36	0
##	[10682,]	0.000000e+00	1.000000e+00	4	0
##	[10683,]	1.690000e+02	1.464100e+04	3713329	324
##	[10684,]	0.000000e+00	0.000000e+00	0	0

##	[10685,]	9.000000e+00	5.760000e+02	724201	729
##	[10686,]	1.936000e+03	3.868840e+05	85396081	29584
##	[10687,]	1.376410e+05	8.690704e+06	1304076544	145924
##	[10688,]	8.100000e+01	2.560000e+02	256	9
##	[10689,]	1.089000e+03	4.900000e+03	17424	64
##	[10690,]	9.000000e+00	3.610000e+02	16384	25
##	[10691,]	0.000000e+00	0.000000e+00	0	0
##	[10692,]	1.600000e+01	1.000000e+02	0	0
##	[10693,]	0.000000e+00	0.000000e+00	0	0
##	[10694,]	0.000000e+00	0.000000e+00	0	0
##	[10695,]	0.000000e+00	0.000000e+00	0	0
##	[10696,]	0.000000e+00	0.000000e+00	0	0
##	[10697,]	0.000000e+00	0.000000e+00	0	0
##	[10698,]	0.000000e+00	0.000000e+00	0	0
##	[10699,]	0.000000e+00	0.000000e+00	0	0
##	[10700,]	7.569000e+03	5.184000e+03	4	0
##	[10701,]	2.500000e+01	2.340900e+04	6241	1
##	[10702,]	1.020100e+04	4.382440e+05	13924	0
##	[10703,]	1.000000e+00	4.000000e+00	0	0
##	[10704,]	0.000000e+00	0.000000e+00	0	0
##	[10705,]	0.000000e+00	0.000000e+00	0	0
##	[10706,]	1.000000e+00	8.100000e+01	0	0
##	[10707,]	0.000000e+00	0.000000e+00	0	0
##	[10708,]	0.000000e+00	0.000000e+00	0	0
##	[10709,]	0.000000e+00	0.000000e+00	0	0
##	[10710,]	0.000000e+00	1.000000e+00	0	0
##	[10711,]	4.000000e+00	0.000000e+00	0	0
##	[10712,]	5.760000e+02	4.928400e+04	14400	4
##	[10713,]	0.000000e+00	0.000000e+00	0	0
##	[10714,]	0.000000e+00	0.000000e+00	0	0
##	[10715,]	1.000000e+00	4.000000e+00	1	0
##	[10716,]	0.000000e+00	1.000000e+00	0	0
##	[10717,]	0.000000e+00	0.000000e+00	0	0
##	[10718,]	1.000000e+00	0.000000e+00	4	0
##	[10719,]	0.000000e+00	0.000000e+00	1	0
##	[10720,]	1.000000e+00	1.681000e+03	6724	0
##	[10721,]	0.000000e+00	0.000000e+00	0	0
##	[10722,]	0.000000e+00	1.000000e+00	0	0
##	[10723,]	0.000000e+00	0.000000e+00	0	0
##	[10724,]	0.000000e+00	0.000000e+00	9	0
##	[10725,]	0.000000e+00	4.000000e+00	1	0
##	[10726,]	4.489000e+03	1.024000e+05	341056	225
##	[10727,]	0.000000e+00	4.000000e+00	0	0
##	[10728,]	0.000000e+00	4.000000e+00	81	0
##	[10729,]	9.000000e+00	4.900000e+03	86436	64
##	[10730,]	1.600000e+01	2.500000e+01	9	1
##	[10731,]	2.890000e+04	1.127844e+06	18887716	3249
##	[10732,]	0.000000e+00	0.000000e+00	0	0
##	[10733,]	5.290000e+02	7.728400e+04	5522500	2704
##	[10734,]	2.500000e+01	3.249000e+03	118336	9
##	[10735,]	4.410000e+02	1.225000e+03	625	4
##	[10736,]	9.000000e+00	3.600000e+01	69696	121
##	[10737,]	0.000000e+00	0.000000e+00	9	0
##	[10738,]	3.600000e+01	8.100000e+01	49	1

##	[10739,]	0.000000e+00	0.000000e+00	0	0
##	[10740,]	4.000000e+00	1.000000e+02	2304	9
##	[10741,]	0.000000e+00	9.000000e+00	729	0
##	[10742,]	0.000000e+00	0.000000e+00	1	0
##	[10743,]	0.000000e+00	0.000000e+00	0	0
##	[10744,]	3.600000e+01	2.890000e+02	676	9
##	[10745,]	4.000000e+00	0.000000e+00	36	0
##	[10746,]	2.500000e+01	1.060900e+04	3613801	1089
##	[10747,]	0.000000e+00	6.250000e+02	170569	9
##	[10748,]	0.000000e+00	8.100000e+01	63001	25
##	[10749,]	1.600000e+03	2.540160e+05	24710841	4096
##	[10750,]	0.000000e+00	0.000000e+00	0	0
##	[10751,]	0.000000e+00	0.000000e+00	0	0
##	[10752,]	0.000000e+00	4.410000e+02	0	0
##	[10753,]	0.000000e+00	0.000000e+00	0	0
##	[10754,]	0.000000e+00	0.000000e+00	0	0
##	[10755,]	0.000000e+00	0.000000e+00	0	0
##	[10756,]	0.000000e+00	0.000000e+00	0	0
##	[10757,]	0.000000e+00	0.000000e+00	0	0
##	[10758,]	0.000000e+00	0.000000e+00	0	0
##	[10759,]	1.000000e+00	3.600000e+01	0	0
##	[10760,]	1.000000e+04	8.118010e+05	1	0
##	[10761,]	1.296000e+03	1.681000e+05	79156609	7569
##	[10762,]	0.000000e+00	0.000000e+00	4	0
##	[10763,]	0.000000e+00	3.600000e+01	28224	25
##	[10764,]	0.000000e+00	0.000000e+00	0	0
##	[10765,]	2.500000e+01	5.625000e+03	4787344	1600
##	[10766,]	4.900000e+01	2.890000e+02	289444	16
##	[10767,]	0.000000e+00	1.210000e+02	1156	4
##	[10768,]	1.000000e+00	1.600000e+01	0	1
##	[10769,]	0.000000e+00	0.000000e+00	0	0
##	[10770,]	1.000000e+00	4.000000e+00	256	0
##	[10771,]	0.000000e+00	0.000000e+00	0	0
##	[10772,]	0.000000e+00	0.000000e+00	625	4
##	[10773,]	0.000000e+00	1.210000e+02	219961	16
##	[10774,]	8.410000e+02	1.122250e+05	91814724	7569
##	[10775,]	0.000000e+00	0.000000e+00	0	0
##	[10776,]	0.000000e+00	1.000000e+00	18769	36
##	[10777,]	1.600000e+01	1.369000e+03	2277081	625
##	[10778,]	0.000000e+00	1.000000e+00	4	1
##	[10779,]	0.000000e+00	4.000000e+00	576	0
##	[10780,]	0.000000e+00	0.000000e+00	0	0
##	[10781,]	0.000000e+00	4.000000e+00	121	0
##	[10782,]	0.000000e+00	4.000000e+00	784	0
##	[10783,]	0.000000e+00	0.000000e+00	0	0
##	[10784,]	4.000000e+00	0.000000e+00	400	0
##	[10785,]	1.000000e+00	8.100000e+01	23716	16
##	[10786,]	0.000000e+00	0.000000e+00	1	0
##	[10787,]	8.410000e+02	1.004890e+05	59783824	5184
##	[10788,]	0.000000e+00	0.000000e+00	4	0
##	[10789,]	1.600000e+01	3.481000e+03	998001	196
##	[10790,]	0.000000e+00	0.000000e+00	0	0
##	[10791,]	9.734400e+04	3.448449e+06	58081	4
##	[10792,]	0.000000e+00	0.000000e+00	0	0

##	[10793,]	0.000000e+00	0.000000e+00	1	0
##	[10794,]	4.000000e+00	1.000000e+00	0	0
##	[10795,]	0.000000e+00	0.000000e+00	0	0
##	[10796,]	0.000000e+00	1.000000e+00	0	0
##	[10797,]	9.000000e+00	2.890000e+02	1	0
##	[10798,]	0.000000e+00	0.000000e+00	0	0
##	[10799,]	1.000000e+02	5.062500e+04	25921	1
##	[10800,]	4.000000e+00	4.000000e+00	4	0
##	[10801,]	0.000000e+00	0.000000e+00	0	0
##	[10802,]	0.000000e+00	0.000000e+00	0	0
##	[10803,]	4.900000e+01	1.764000e+03	516961	100
##	[10804,]	1.156000e+03	7.744000e+03	4225	16
##	[10805,]	6.561000e+03	1.623076e+06	368755209	87025
##	[10806,]	6.656400e+04	3.062500e+06	501984025	48841
##	[10807,]	1.960000e+02	1.210000e+02	484	16
##	[10808,]	1.440000e+02	4.243600e+04	15824484	8100
##	[10809,]	4.000000e+00	5.476000e+03	4566769	961
##	[10810,]	0.000000e+00	4.000000e+00	225	0
##	[10811,]	0.000000e+00	0.000000e+00	0	0
##	[10812,]	0.000000e+00	0.000000e+00	0	0
##	[10813,]	0.000000e+00	0.000000e+00	0	0
##	[10814,]	0.000000e+00	0.000000e+00	0	0
##	[10815,]	2.500000e+01	9.000000e+00	0	0
##	[10816,]	0.000000e+00	0.000000e+00	0	0
##	[10817,]	3.600000e+01	1.000000e+00	0	0
##	[10818,]	0.000000e+00	0.000000e+00	0	0
##	[10819,]	0.000000e+00	0.000000e+00	0	0
##	[10820,]	9.604000e+03	8.281000e+03	0	0
##	[10821,]	6.400000e+01	3.385600e+04	4489	0
##	[10822,]	0.000000e+00	0.000000e+00	0	0
##	[10823,]	0.000000e+00	0.000000e+00	0	0
##	[10824,]	9.000000e+00	2.025000e+03	3481	0
##	[10825,]	0.000000e+00	0.000000e+00	0	0
##	[10826,]	0.000000e+00	4.000000e+00	0	0
##	[10827,]	6.561000e+03	1.664640e+05	1521	0
##	[10828,]	0.000000e+00	0.000000e+00	0	0
##	[10829,]	0.000000e+00	0.000000e+00	0	0
##	[10830,]	0.000000e+00	0.000000e+00	0	0
##	[10831,]	0.000000e+00	0.000000e+00	0	0
##	[10832,]	0.000000e+00	0.000000e+00	0	0
##	[10833,]	0.000000e+00	0.000000e+00	0	0
##	[10834,]	9.000000e+00	7.569000e+03	12769	1
##	[10835,]	8.410000e+02	1.040400e+04	2916	0
##	[10836,]	1.000000e+00	0.000000e+00	0	0
##	[10837,]	0.000000e+00	0.000000e+00	0	0
##	[10838,]	1.000000e+00	0.000000e+00	0	0
##	[10839,]	1.000000e+00	0.000000e+00	0	0
##	[10840,]	0.000000e+00	1.960000e+02	1600	0
##	[10841,]	4.000000e+00	0.000000e+00	1	0
##	[10842,]	6.400000e+01	4.900000e+01	1	0
##	[10843,]	0.000000e+00	1.000000e+00	16	0
##	[10844,]	2.500000e+03	1.932100e+04	57600	36
##	[10845,]	9.000000e+00	3.610000e+02	10609	9
##	[10846,]	0.000000e+00	0.000000e+00	0	0

##	[10847,]	0.000000e+00	0.000000e+00	0	0
##	[10848,]	1.440000e+02	2.992900e+04	358801	256
##	[10849,]	0.000000e+00	1.000000e+00	0	0
##	[10850,]	0.000000e+00	0.000000e+00	100	0
##	[10851,]	1.225000e+03	2.894440e+05	17665209	11236
##	[10852,]	2.500000e+01	1.102500e+04	1456849	576
##	[10853,]	3.610000e+02	1.849000e+03	169	0
##	[10854,]	1.232100e+04	3.410560e+05	5377761	1024
##	[10855,]	4.900000e+01	3.600000e+01	36	1
##	[10856,]	0.000000e+00	0.000000e+00	0	0
##	[10857,]	0.000000e+00	1.000000e+00	16	0
##	[10858,]	0.000000e+00	0.000000e+00	0	0
##	[10859,]	4.900000e+01	1.960000e+02	10000	0
##	[10860,]	1.000000e+00	1.024000e+03	292681	144
##	[10861,]	0.000000e+00	0.000000e+00	16	0
##	[10862,]	0.000000e+00	0.000000e+00	0	0
##	[10863,]	9.000000e+00	1.600000e+01	36	0
##	[10864,]	1.440000e+02	4.161600e+04	10982596	3249
##	[10865,]	9.000000e+00	1.600000e+03	744769	324
##	[10866,]	0.000000e+00	0.000000e+00	0	0
##	[10867,]	1.024000e+03	9.363600e+04	9418761	900
##	[10868,]	1.600000e+01	2.250000e+02	16	1
##	[10869,]	0.000000e+00	3.610000e+02	216225	121
##	[10870,]	0.000000e+00	1.210000e+02	17161	1
##	[10871,]	0.000000e+00	0.000000e+00	0	0
##	[10872,]	0.000000e+00	0.000000e+00	0	0
##	[10873,]	0.000000e+00	0.000000e+00	0	0
##	[10874,]	1.232100e+04	5.715360e+05	9	0
##	[10875,]	0.000000e+00	0.000000e+00	0	0
##	[10876,]	0.000000e+00	0.000000e+00	0	0
##	[10877,]	0.000000e+00	0.000000e+00	0	0
##	[10878,]	1.000000e+00	1.000000e+02	1	0
##	[10879,]	4.000000e+00	1.681000e+03	4	0
##	[10880,]	0.000000e+00	0.000000e+00	0	0
##	[10881,]	2.500000e+01	3.027600e+04	19678096	1681
##	[10882,]	0.000000e+00	2.500000e+01	37636	9
##	[10883,]	1.000000e+00	1.960000e+02	441	1
##	[10884,]	0.000000e+00	0.000000e+00	9	0
##	[10885,]	6.760000e+02	7.128900e+04	32341969	3136
##	[10886,]	0.000000e+00	0.000000e+00	0	0
##	[10887,]	0.000000e+00	5.760000e+02	813604	289
##	[10888,]	4.000000e+00	1.000000e+00	36	4
##	[10889,]	1.000000e+00	8.100000e+01	224676	4
##	[10890,]	0.000000e+00	0.000000e+00	0	0
##	[10891,]	0.000000e+00	4.900000e+01	34225	1
##	[10892,]	1.000000e+00	4.900000e+01	256	4
##	[10893,]	0.000000e+00	0.000000e+00	0	0
##	[10894,]	0.000000e+00	8.100000e+01	219024	36
##	[10895,]	0.000000e+00	0.000000e+00	0	0
##	[10896,]	0.000000e+00	0.000000e+00	0	0
##	[10897,]	4.410000e+02	5.760000e+04	36096064	2116
##	[10898,]	6.400000e+01	1.102500e+04	15382084	2209
##	[10899,]	0.000000e+00	0.000000e+00	4	1
##	[10900,]	1.000000e+00	1.440000e+02	328329	324

##	[10901,]	0.000000e+00	0.000000e+00	0	0
##	[10902,]	0.000000e+00	0.000000e+00	0	0
##	[10903,]	0.000000e+00	3.600000e+01	108900	100
##	[10904,]	0.000000e+00	0.000000e+00	0	0
##	[10905,]	0.000000e+00	0.000000e+00	1	0
##	[10906,]	0.000000e+00	2.500000e+01	32041	0
##	[10907,]	3.240000e+02	4.579600e+04	25826724	2601
##	[10908,]	8.100000e+01	6.400000e+03	7447441	784
##	[10909,]	1.000000e+00	4.000000e+00	100	0
##	[10910,]	0.000000e+00	1.600000e+01	11881	25
##	[10911,]	1.017610e+05	1.841449e+06	9216	0
##	[10912,]	1.000000e+00	0.000000e+00	0	0
##	[10913,]	3.240000e+02	9.922500e+04	33124	1
##	[10914,]	1.000000e+02	4.900000e+03	10000	0
##	[10915,]	1.000000e+00	0.000000e+00	0	0
##	[10916,]	1.000000e+00	4.000000e+00	0	0
##	[10917,]	0.000000e+00	0.000000e+00	0	0
##	[10918,]	0.000000e+00	0.000000e+00	0	0
##	[10919,]	0.000000e+00	0.000000e+00	0	0
##	[10920,]	0.000000e+00	0.000000e+00	0	0
##	[10921,]	0.000000e+00	0.000000e+00	0	0
##	[10922,]	0.000000e+00	0.000000e+00	0	0
##	[10923,]	4.900000e+01	1.024000e+03	184041	100
##	[10924,]	0.000000e+00	3.481000e+03	1666681	441
##	[10925,]	2.704000e+03	2.250000e+02	1681	1
##	[10926,]	0.000000e+00	1.000000e+00	4	0
##	[10927,]	7.236100e+04	1.909924e+06	319158225	70756
##	[10928,]	2.401000e+03	3.994240e+05	91107025	26244
##	[10929,]	1.299600e+04	3.575881e+06	2229256225	1256641
##	[10930,]	3.240000e+02	3.721000e+03	22500	25
##	[10931,]	0.000000e+00	0.000000e+00	0	0
##	[10932,]	0.000000e+00	0.000000e+00	0	0
##	[10933,]	0.000000e+00	0.000000e+00	0	0
##	[10934,]	4.000000e+00	9.000000e+00	0	0
##	[10935,]	0.000000e+00	0.000000e+00	0	0
##	[10936,]	0.000000e+00	0.000000e+00	0	0
##	[10937,]	0.000000e+00	0.000000e+00	0	0
##	[10938,]	0.000000e+00	0.000000e+00	0	0
##	[10939,]	0.000000e+00	4.900000e+01	9	0
##	[10940,]	2.496400e+04	1.392400e+04	4	0
##	[10941,]	8.100000e+01	1.176490e+05	87025	4
##	[10942,]	1.000000e+00	0.000000e+00	0	0
##	[10943,]	0.000000e+00	0.000000e+00	0	0
##	[10944,]	0.000000e+00	1.000000e+00	0	0
##	[10945,]	1.000000e+00	0.000000e+00	0	0
##	[10946,]	6.084000e+03	1.656490e+05	1936	0
##	[10947,]	0.000000e+00	0.000000e+00	0	0
##	[10948,]	1.000000e+00	0.000000e+00	0	0
##	[10949,]	0.000000e+00	0.000000e+00	0	0
##	[10950,]	6.400000e+01	3.844000e+03	256	0
##	[10951,]	7.840000e+02	3.969000e+03	2704	0
##	[10952,]	0.000000e+00	1.000000e+00	0	0
##	[10953,]	0.000000e+00	0.000000e+00	0	0
##	[10954,]	0.000000e+00	0.000000e+00	0	0

##	[10955,]	0.000000e+00	0.000000e+00	0	0
##	[10956,]	0.000000e+00	1.000000e+00	0	0
##	[10957,]	4.000000e+00	9.000000e+02	576	0
##	[10958,]	1.000000e+00	0.000000e+00	0	0
##	[10959,]	4.900000e+01	1.210000e+04	80656	9
##	[10960,]	0.000000e+00	0.000000e+00	0	0
##	[10961,]	4.000000e+00	1.000000e+00	0	0
##	[10962,]	1.849000e+03	1.144900e+04	54756	9
##	[10963,]	0.000000e+00	0.000000e+00	0	0
##	[10964,]	4.000000e+00	1.600000e+01	1	0
##	[10965,]	1.000000e+00	4.000000e+00	36	0
##	[10966,]	0.000000e+00	0.000000e+00	0	0
##	[10967,]	1.600000e+01	3.025000e+03	27225	25
##	[10968,]	0.000000e+00	4.000000e+00	9	1
##	[10969,]	0.000000e+00	0.000000e+00	0	0
##	[10970,]	2.890000e+02	3.276100e+04	1322500	1156
##	[10971,]	4.840000e+02	4.840000e+04	1918225	1369
##	[10972,]	0.000000e+00	1.000000e+00	0	0
##	[10973,]	2.704000e+03	5.913610e+05	161645796	95481
##	[10974,]	1.638400e+04	1.927210e+05	4791721	2116
##	[10975,]	0.000000e+00	0.000000e+00	0	0
##	[10976,]	0.000000e+00	6.250000e+02	82944	64
##	[10977,]	1.000000e+02	4.410000e+02	441	4
##	[10978,]	8.410000e+02	1.210000e+02	289	1
##	[10979,]	0.000000e+00	0.000000e+00	0	0
##	[10980,]	1.600000e+01	1.960000e+02	3136	1
##	[10981,]	0.000000e+00	0.000000e+00	1	0
##	[10982,]	5.290000e+02	1.204090e+05	105124009	37249
##	[10983,]	1.440000e+02	1.000000e+00	64	0
##	[10984,]	1.156000e+03	6.200100e+04	7436529	2116
##	[10985,]	4.000000e+00	1.960000e+02	529	0
##	[10986,]	0.000000e+00	2.250000e+02	88209	1
##	[10987,]	8.100000e+01	1.166400e+04	2411809	676
##	[10988,]	0.000000e+00	0.000000e+00	0	0
##	[10989,]	0.000000e+00	1.600000e+01	7569	1
##	[10990,]	0.000000e+00	0.000000e+00	0	0
##	[10991,]	1.716100e+04	7.867690e+05	16	0
##	[10992,]	0.000000e+00	0.000000e+00	0	0
##	[10993,]	0.000000e+00	0.000000e+00	0	0
##	[10994,]	0.000000e+00	0.000000e+00	0	0
##	[10995,]	0.000000e+00	0.000000e+00	0	0
##	[10996,]	1.600000e+01	1.849000e+03	0	0
##	[10997,]	0.000000e+00	0.000000e+00	0	0
##	[10998,]	0.000000e+00	0.000000e+00	0	0
##	[10999,]	1.000000e+00	4.000000e+00	0	0
##	[11000,]	0.000000e+00	3.721000e+03	169	1
##	[11001,]	9.000000e+00	7.396000e+03	5017600	529
##	[11002,]	0.000000e+00	0.000000e+00	1	0
##	[11003,]	0.000000e+00	0.000000e+00	0	0
##	[11004,]	0.000000e+00	0.000000e+00	0	0
##	[11005,]	1.000000e+00	1.440000e+02	1521	4
##	[11006,]	6.400000e+01	8.526400e+04	137077264	51529
##	[11007,]	4.410000e+02	6.002500e+04	20412324	4356
##	[11008,]	1.000000e+00	8.100000e+01	14161	9

##	[11009,]	0.000000e+00	1.210000e+02	114244	49
##	[11010,]	2.500000e+01	1.000000e+00	49	0
##	[11011,]	8.410000e+02	2.890000e+04	20520900	2116
##	[11012,]	0.000000e+00	0.000000e+00	0	0
##	[11013,]	0.000000e+00	0.000000e+00	0	0
##	[11014,]	3.600000e+01	4.489000e+03	5579044	784
##	[11015,]	1.000000e+00	4.000000e+00	13456	9
##	[11016,]	4.000000e+00	1.000000e+00	49	0
##	[11017,]	0.000000e+00	2.500000e+01	89401	16
##	[11018,]	1.000000e+02	3.960100e+04	57456400	40804
##	[11019,]	9.000000e+00	6.400000e+01	1296	1
##	[11020,]	0.000000e+00	0.000000e+00	0	0
##	[11021,]	0.000000e+00	0.000000e+00	0	0
##	[11022,]	0.000000e+00	4.000000e+00	900	0
##	[11023,]	4.000000e+00	0.000000e+00	4	0
##	[11024,]	0.000000e+00	0.000000e+00	0	0
##	[11025,]	1.960000e+02	2.958400e+04	13446889	3481
##	[11026,]	2.500000e+01	9.216000e+03	3385600	1849
##	[11027,]	1.600000e+01	1.060900e+04	14516100	24336
##	[11028,]	0.000000e+00	0.000000e+00	0	0
##	[11029,]	0.000000e+00	1.000000e+00	4356	0
##	[11030,]	0.000000e+00	1.000000e+00	2025	4
##	[11031,]	2.560000e+02	1.904400e+04	1600	0
##	[11032,]	0.000000e+00	0.000000e+00	0	0
##	[11033,]	0.000000e+00	4.000000e+00	0	0
##	[11034,]	0.000000e+00	0.000000e+00	0	0
##	[11035,]	1.560250e+05	2.175625e+06	10404	0
##	[11036,]	2.560000e+02	2.714410e+05	354025	36
##	[11037,]	1.000000e+00	0.000000e+00	0	0
##	[11038,]	0.000000e+00	0.000000e+00	0	0
##	[11039,]	4.000000e+00	9.000000e+00	0	0
##	[11040,]	4.000000e+00	0.000000e+00	0	0
##	[11041,]	0.000000e+00	0.000000e+00	9	0
##	[11042,]	3.600000e+01	1.296000e+03	147456	64
##	[11043,]	3.600000e+01	3.844000e+03	2082249	484
##	[11044,]	2.601000e+03	2.209000e+03	1936	4
##	[11045,]	6.350400e+04	1.440000e+06	408686656	222784
##	[11046,]	1.936000e+03	1.204090e+05	28976689	5625
##	[11047,]	0.000000e+00	0.000000e+00	0	0
##	[11048,]	1.000000e+00	0.000000e+00	36	0
##	[11049,]	4.000000e+00	4.410000e+02	784	4
##	[11050,]	2.624400e+04	8.579041e+06	5181120400	3027600
##	[11051,]	0.000000e+00	0.000000e+00	0	0
##	[11052,]	0.000000e+00	0.000000e+00	0	0
##	[11053,]	0.000000e+00	0.000000e+00	0	0
##	[11054,]	1.600000e+01	4.410000e+02	9	1
##	[11055,]	0.000000e+00	0.000000e+00	0	0
##	[11056,]	0.000000e+00	0.000000e+00	0	0
##	[11057,]	0.000000e+00	0.000000e+00	0	0
##	[11058,]	0.000000e+00	0.000000e+00	0	0
##	[11059,]	1.795600e+04	7.744000e+03	1	0
##	[11060,]	1.000000e+00	3.600000e+01	0	0
##	[11061,]	0.000000e+00	0.000000e+00	0	0
##	[11062,]	4.900000e+01	9.000000e+02	256	0

##	[11063,]	3.610000e+02	2.265760e+05	185761	1
##	[11064,]	0.000000e+00	0.000000e+00	1	0
##	[11065,]	0.000000e+00	0.000000e+00	0	0
##	[11066,]	5.184000e+03	1.866240e+05	4761	0
##	[11067,]	0.000000e+00	0.000000e+00	0	0
##	[11068,]	1.000000e+00	0.000000e+00	0	0
##	[11069,]	0.000000e+00	0.000000e+00	0	0
##	[11070,]	0.000000e+00	0.000000e+00	0	0
##	[11071,]	4.000000e+02	1.849000e+03	6084	1
##	[11072,]	2.500000e+01	2.190400e+04	231361	4
##	[11073,]	0.000000e+00	0.000000e+00	0	0
##	[11074,]	1.000000e+00	4.900000e+01	169	0
##	[11075,]	0.000000e+00	0.000000e+00	0	0
##	[11076,]	0.000000e+00	0.000000e+00	0	0
##	[11077,]	0.000000e+00	0.000000e+00	0	0
##	[11078,]	0.000000e+00	0.000000e+00	0	0
##	[11079,]	0.000000e+00	0.000000e+00	0	0
##	[11080,]	0.000000e+00	0.000000e+00	0	0
##	[11081,]	0.000000e+00	9.000000e+00	9	0
##	[11082,]	2.890000e+02	6.100900e+04	2709316	1156
##	[11083,]	0.000000e+00	0.000000e+00	0	0
##	[11084,]	8.100000e+01	3.600000e+01	4	0
##	[11085,]	0.000000e+00	0.000000e+00	0	0
##	[11086,]	0.000000e+00	0.000000e+00	0	0
##	[11087,]	1.440000e+02	1.024000e+03	3844	4
##	[11088,]	0.000000e+00	9.000000e+00	4	0
##	[11089,]	0.000000e+00	0.000000e+00	0	0
##	[11090,]	1.024000e+03	5.929000e+03	49284	49
##	[11091,]	0.000000e+00	0.000000e+00	0	0
##	[11092,]	1.612900e+04	1.521000e+05	9168784	5329
##	[11093,]	4.225000e+03	1.331716e+06	327284281	187489
##	[11094,]	9.000000e+00	4.410000e+02	96721	49
##	[11095,]	0.000000e+00	0.000000e+00	0	0
##	[11096,]	0.000000e+00	0.000000e+00	4	0
##	[11097,]	4.000000e+00	1.210000e+02	5184	1
##	[11098,]	1.000000e+00	4.900000e+01	49	1
##	[11099,]	2.890000e+02	9.604000e+03	541696	144
##	[11100,]	9.000000e+02	3.610000e+02	121	1
##	[11101,]	9.000000e+00	8.100000e+01	5776	1
##	[11102,]	2.500000e+01	3.136000e+03	722500	225
##	[11103,]	0.000000e+00	0.000000e+00	0	0
##	[11104,]	0.000000e+00	0.000000e+00	0	0
##	[11105,]	6.400000e+01	1.000000e+02	324	0
##	[11106,]	4.000000e+00	8.100000e+01	119025	9
##	[11107,]	8.410000e+02	4.243600e+04	12299049	6084
##	[11108,]	3.610000e+02	3.113640e+05	233417284	80656
##	[11109,]	0.000000e+00	3.600000e+01	25	1
##	[11110,]	0.000000e+00	0.000000e+00	0	0
##	[11111,]	0.000000e+00	0.000000e+00	0	0
##	[11112,]	2.500000e+01	1.060900e+04	121	0
##	[11113,]	1.123600e+04	1.181569e+06	121	0
##	[11114,]	0.000000e+00	0.000000e+00	0	0
##	[11115,]	0.000000e+00	0.000000e+00	0	0
##	[11116,]	0.000000e+00	0.000000e+00	0	0

##	[11117,]	9.000000e+00	5.290000e+02	0	0
##	[11118,]	0.000000e+00	0.000000e+00	0	0
##	[11119,]	0.000000e+00	0.000000e+00	0	0
##	[11120,]	0.000000e+00	0.000000e+00	0	0
##	[11121,]	0.000000e+00	0.000000e+00	0	0
##	[11122,]	1.000000e+00	0.000000e+00	25	0
##	[11123,]	9.000000e+00	4.761000e+03	1795600	100
##	[11124,]	1.000000e+00	1.440000e+02	120409	64
##	[11125,]	7.290000e+02	1.962490e+05	298391076	100489
##	[11126,]	1.000000e+00	2.500000e+01	16	0
##	[11127,]	0.000000e+00	1.600000e+01	6724	4
##	[11128,]	0.000000e+00	0.000000e+00	1	0
##	[11129,]	9.000000e+00	3.600000e+01	49	0
##	[11130,]	9.000000e+02	3.534400e+04	25532809	9801
##	[11131,]	3.240000e+02	2.560000e+04	21631801	13456
##	[11132,]	3.600000e+01	1.849000e+03	1798281	196
##	[11133,]	0.000000e+00	1.210000e+02	117649	4
##	[11134,]	0.000000e+00	1.000000e+00	36	0
##	[11135,]	3.240000e+02	9.180900e+04	151782400	135424
##	[11136,]	0.000000e+00	0.000000e+00	1	0
##	[11137,]	0.000000e+00	0.000000e+00	0	0
##	[11138,]	0.000000e+00	0.000000e+00	0	0
##	[11139,]	1.000000e+00	1.600000e+01	16	0
##	[11140,]	1.000000e+00	1.600000e+01	9604	0
##	[11141,]	0.000000e+00	0.000000e+00	0	0
##	[11142,]	2.560000e+02	5.017600e+04	54331641	92416
##	[11143,]	0.000000e+00	4.000000e+00	4	1
##	[11144,]	1.000000e+00	2.401000e+03	1110916	484
##	[11145,]	0.000000e+00	0.000000e+00	0	0
##	[11146,]	0.000000e+00	2.500000e+01	2809	16
##	[11147,]	2.560000e+02	3.204100e+04	14100025	9801
##	[11148,]	0.000000e+00	4.000000e+00	36	0
##	[11149,]	0.000000e+00	3.600000e+01	9025	4
##	[11150,]	0.000000e+00	0.000000e+00	0	0
##	[11151,]	1.000000e+00	0.000000e+00	0	0
##	[11152,]	0.000000e+00	0.000000e+00	0	0
##	[11153,]	1.440000e+02	4.356000e+03	841	0
##	[11154,]	1.089000e+03	5.595040e+05	857476	16
##	[11155,]	0.000000e+00	0.000000e+00	0	0
##	[11156,]	0.000000e+00	0.000000e+00	0	0
##	[11157,]	0.000000e+00	0.000000e+00	1	0
##	[11158,]	1.102240e+05	2.722500e+06	25281	1
##	[11159,]	0.000000e+00	0.000000e+00	0	0
##	[11160,]	0.000000e+00	0.000000e+00	0	0
##	[11161,]	6.300100e+04	1.375929e+06	430106121	218089
##	[11162,]	3.136000e+03	1.024000e+03	1444	4
##	[11163,]	1.000000e+00	1.369000e+03	1435204	576
##	[11164,]	0.000000e+00	0.000000e+00	0	0
##	[11165,]	1.000000e+00	1.000000e+00	49	4
##	[11166,]	1.024000e+03	7.562500e+04	19061956	9801
##	[11167,]	8.100000e+01	4.000000e+02	66049	25
##	[11168,]	1.600000e+01	1.690000e+02	484	0
##	[11169,]	4.284900e+04	1.139062e+07	6773290000	3392964
##	[11170,]	0.000000e+00	0.000000e+00	0	0

##	[11171,]	0.000000e+00	0.000000e+00	0	0
##	[11172,]	1.232100e+04	8.836000e+03	4	0
##	[11173,]	0.000000e+00	0.000000e+00	0	0
##	[11174,]	0.000000e+00	0.000000e+00	0	0
##	[11175,]	4.000000e+00	6.760000e+02	16	1
##	[11176,]	0.000000e+00	0.000000e+00	0	0
##	[11177,]	0.000000e+00	0.000000e+00	0	0
##	[11178,]	0.000000e+00	0.000000e+00	0	0
##	[11179,]	0.000000e+00	0.000000e+00	0	0
##	[11180,]	6.400000e+01	1.000000e+02	0	0
##	[11181,]	0.000000e+00	0.000000e+00	0	0
##	[11182,]	0.000000e+00	0.000000e+00	0	0
##	[11183,]	0.000000e+00	1.000000e+00	0	0
##	[11184,]	5.625000e+03	2.332890e+05	3844	0
##	[11185,]	1.440000e+02	3.564090e+05	234256	1
##	[11186,]	0.000000e+00	0.000000e+00	0	0
##	[11187,]	0.000000e+00	1.000000e+00	0	0
##	[11188,]	9.000000e+00	1.225000e+03	256	0
##	[11189,]	0.000000e+00	0.000000e+00	0	0
##	[11190,]	0.000000e+00	0.000000e+00	0	0
##	[11191,]	1.000000e+00	6.400000e+01	225	0
##	[11192,]	0.000000e+00	0.000000e+00	0	0
##	[11193,]	0.000000e+00	0.000000e+00	0	0
##	[11194,]	0.000000e+00	0.000000e+00	0	0
##	[11195,]	3.610000e+02	2.209000e+03	7056	0
##	[11196,]	0.000000e+00	0.000000e+00	0	0
##	[11197,]	0.000000e+00	0.000000e+00	1	0
##	[11198,]	1.000000e+00	4.000000e+00	0	0
##	[11199,]	1.600000e+01	3.422500e+04	280900	4
##	[11200,]	0.000000e+00	0.000000e+00	0	0
##	[11201,]	1.000000e+00	0.000000e+00	1	0
##	[11202,]	0.000000e+00	0.000000e+00	0	0
##	[11203,]	0.000000e+00	0.000000e+00	0	0
##	[11204,]	9.610000e+02	7.182400e+04	3892729	2304
##	[11205,]	1.000000e+02	3.600000e+01	4	0
##	[11206,]	1.089000e+03	5.625000e+03	82369	36
##	[11207,]	4.900000e+01	1.210000e+02	2116	1
##	[11208,]	0.000000e+00	1.000000e+00	0	0
##	[11209,]	0.000000e+00	1.000000e+00	9	0
##	[11210,]	0.000000e+00	0.000000e+00	0	0
##	[11211,]	9.801000e+03	1.731856e+06	437228100	209764
##	[11212,]	0.000000e+00	0.000000e+00	0	0
##	[11213,]	0.000000e+00	0.000000e+00	0	0
##	[11214,]	1.000000e+00	1.960000e+02	55696	25
##	[11215,]	9.610000e+02	2.890000e+02	225	1
##	[11216,]	2.250000e+02	5.776000e+03	283024	484
##	[11217,]	9.000000e+00	3.600000e+01	3025	1
##	[11218,]	1.000000e+00	4.000000e+00	9	0
##	[11219,]	1.000000e+00	1.000000e+00	49	1
##	[11220,]	1.276900e+04	1.584040e+05	12425625	5929
##	[11221,]	4.000000e+00	1.600000e+01	2704	1
##	[11222,]	9.000000e+02	4.408960e+05	316199524	93025
##	[11223,]	0.000000e+00	0.000000e+00	0	0
##	[11224,]	6.400000e+01	4.000000e+00	100	1

##	[11225,]	0.000000e+00	1.440000e+02	72900	36
##	[11226,]	0.000000e+00	0.000000e+00	0	0
##	[11227,]	1.000000e+00	1.600000e+01	64	0
##	[11228,]	4.900000e+01	2.916000e+03	588289	144
##	[11229,]	0.000000e+00	0.000000e+00	0	0
##	[11230,]	1.681000e+03	4.080400e+04	14760964	3969
##	[11231,]	0.000000e+00	0.000000e+00	0	0
##	[11232,]	0.000000e+00	0.000000e+00	0	0
##	[11233,]	0.000000e+00	0.000000e+00	0	0
##	[11234,]	0.000000e+00	0.000000e+00	0	0
##	[11235,]	4.900000e+01	9.000000e+02	0	0
##	[11236,]	0.000000e+00	0.000000e+00	0	0
##	[11237,]	1.822500e+04	1.357225e+06	49	0
##	[11238,]	2.500000e+01	1.254400e+04	49	0
##	[11239,]	0.000000e+00	0.000000e+00	0	0
##	[11240,]	0.000000e+00	0.000000e+00	0	0
##	[11241,]	4.000000e+02	2.714410e+05	363741184	96721
##	[11242,]	2.500000e+01	2.500000e+01	36	0
##	[11243,]	0.000000e+00	0.000000e+00	0	0
##	[11244,]	4.000000e+00	1.600000e+01	2704	0
##	[11245,]	0.000000e+00	0.000000e+00	0	1
##	[11246,]	0.000000e+00	4.900000e+01	106929	36
##	[11247,]	0.000000e+00	0.000000e+00	0	0
##	[11248,]	7.840000e+02	4.000000e+04	27478564	11449
##	[11249,]	0.000000e+00	3.481000e+03	1134225	256
##	[11250,]	0.000000e+00	1.600000e+01	49	0
##	[11251,]	2.890000e+02	2.102500e+04	19918369	10000
##	[11252,]	1.690000e+02	1.260250e+05	192932100	139129
##	[11253,]	0.000000e+00	4.000000e+00	88804	36
##	[11254,]	1.000000e+00	1.600000e+01	4225	4
##	[11255,]	0.000000e+00	0.000000e+00	16	0
##	[11256,]	1.000000e+00	4.000000e+00	25	0
##	[11257,]	0.000000e+00	0.000000e+00	0	0
##	[11258,]	4.000000e+00	9.610000e+02	1058841	961
##	[11259,]	0.000000e+00	0.000000e+00	0	0
##	[11260,]	0.000000e+00	0.000000e+00	0	0
##	[11261,]	0.000000e+00	0.000000e+00	0	0
##	[11262,]	1.960000e+02	6.300100e+04	75220929	120409
##	[11263,]	0.000000e+00	0.000000e+00	0	0
##	[11264,]	1.000000e+00	1.936000e+03	859329	289
##	[11265,]	0.000000e+00	4.000000e+00	1024	1
##	[11266,]	1.000000e+00	0.000000e+00	0	0
##	[11267,]	3.610000e+02	2.340900e+04	11424400	12996
##	[11268,]	0.000000e+00	1.000000e+00	4096	1
##	[11269,]	4.000000e+00	4.000000e+00	0	0
##	[11270,]	0.000000e+00	0.000000e+00	0	0
##	[11271,]	0.000000e+00	0.000000e+00	0	0
##	[11272,]	0.000000e+00	0.000000e+00	0	0
##	[11273,]	5.290000e+02	8.464000e+05	1050625	16
##	[11274,]	0.000000e+00	0.000000e+00	0	0
##	[11275,]	1.156000e+05	3.200521e+06	24025	0
##	[11276,]	0.000000e+00	0.000000e+00	0	0
##	[11277,]	1.000000e+00	9.000000e+00	0	0
##	[11278,]	0.000000e+00	1.000000e+00	1	0

##	[11279,]	0.000000e+00	0.000000e+00	0	0
##	[11280,]	3.610000e+02	6.889000e+03	961	0
##	[11281,]	9.000000e+00	8.100000e+01	144	16
##	[11282,]	3.600000e+01	2.890000e+02	153664	169
##	[11283,]	1.600000e+01	3.481000e+03	1322500	729
##	[11284,]	1.024000e+03	4.000000e+02	5329	4
##	[11285,]	4.840000e+04	1.138489e+06	393824025	187489
##	[11286,]	0.000000e+00	4.000000e+00	49	0
##	[11287,]	0.000000e+00	0.000000e+00	0	0
##	[11288,]	3.348900e+04	1.027844e+07	6697785600	3125824
##	[11289,]	1.156000e+03	5.664400e+04	11471769	4489
##	[11290,]	0.000000e+00	0.000000e+00	0	4
##	[11291,]	0.000000e+00	0.000000e+00	0	0
##	[11292,]	0.000000e+00	0.000000e+00	0	0
##	[11293,]	0.000000e+00	0.000000e+00	0	0
##	[11294,]	0.000000e+00	0.000000e+00	0	0
##	[11295,]	1.102500e+04	6.561000e+03	0	0
##	[11296,]	0.000000e+00	0.000000e+00	0	0
##	[11297,]	0.000000e+00	0.000000e+00	0	0
##	[11298,]	0.000000e+00	0.000000e+00	0	0
##	[11299,]	4.900000e+01	1.600000e+03	0	0
##	[11300,]	2.500000e+01	1.960000e+02	0	0
##	[11301,]	0.000000e+00	0.000000e+00	0	0
##	[11302,]	1.440000e+02	2.916000e+05	152100	4
##	[11303,]	0.000000e+00	0.000000e+00	0	0
##	[11304,]	0.000000e+00	0.000000e+00	0	0
##	[11305,]	6.084000e+03	1.466890e+05	2500	0
##	[11306,]	0.000000e+00	0.000000e+00	0	0
##	[11307,]	0.000000e+00	0.000000e+00	0	0
##	[11308,]	0.000000e+00	0.000000e+00	0	0
##	[11309,]	1.600000e+01	7.840000e+02	225	0
##	[11310,]	0.000000e+00	0.000000e+00	0	0
##	[11311,]	0.000000e+00	0.000000e+00	0	0
##	[11312,]	0.000000e+00	0.000000e+00	0	0
##	[11313,]	1.600000e+01	1.000000e+02	256	0
##	[11314,]	3.600000e+01	2.755600e+04	243049	0
##	[11315,]	2.890000e+02	1.369000e+03	3844	0
##	[11316,]	1.000000e+00	1.000000e+00	0	0
##	[11317,]	0.000000e+00	1.000000e+00	1	0
##	[11318,]	0.000000e+00	0.000000e+00	0	0
##	[11319,]	0.000000e+00	0.000000e+00	0	0
##	[11320,]	0.000000e+00	0.000000e+00	0	0
##	[11321,]	0.000000e+00	0.000000e+00	0	0
##	[11322,]	7.840000e+02	6.250000e+04	4626801	2809
##	[11323,]	0.000000e+00	4.000000e+00	25	0
##	[11324,]	1.000000e+00	1.000000e+00	0	0
##	[11325,]	0.000000e+00	9.000000e+00	9	0
##	[11326,]	1.225000e+03	3.969000e+03	73441	9
##	[11327,]	0.000000e+00	0.000000e+00	0	0
##	[11328,]	9.000000e+00	4.000000e+00	1	0
##	[11329,]	4.000000e+00	1.690000e+02	3025	0
##	[11330,]	0.000000e+00	1.000000e+00	0	0
##	[11331,]	4.000000e+02	1.210000e+02	441	0
##	[11332,]	1.102500e+04	1.225000e+05	9320809	2500

##	[11333,]	0.000000e+00	1.000000e+00	9	0
##	[11334,]	0.000000e+00	9.000000e+00	4	0
##	[11335,]	8.464000e+03	1.600225e+06	376398801	173056
##	[11336,]	4.000000e+00	3.600000e+01	3481	1
##	[11337,]	9.000000e+00	4.840000e+02	54289	49
##	[11338,]	0.000000e+00	0.000000e+00	0	0
##	[11339,]	0.000000e+00	0.000000e+00	0	0
##	[11340,]	1.960000e+02	8.464000e+03	191844	121
##	[11341,]	4.000000e+00	2.500000e+01	5184	4
##	[11342,]	4.000000e+02	4.040100e+04	12383361	3364
##	[11343,]	0.000000e+00	0.000000e+00	0	0
##	[11344,]	4.000000e+00	1.600000e+01	441	1
##	[11345,]	0.000000e+00	0.000000e+00	0	0
##	[11346,]	4.000000e+02	3.721000e+05	272415025	76729
##	[11347,]	4.900000e+01	1.296000e+03	273529	16
##	[11348,]	0.000000e+00	8.100000e+01	68121	25
##	[11349,]	0.000000e+00	0.000000e+00	4	0
##	[11350,]	4.000000e+00	1.600000e+01	25	1
##	[11351,]	1.600000e+01	1.764000e+03	0	0
##	[11352,]	0.000000e+00	0.000000e+00	0	0
##	[11353,]	0.000000e+00	0.000000e+00	0	0
##	[11354,]	0.000000e+00	0.000000e+00	0	0
##	[11355,]	0.000000e+00	0.000000e+00	0	0
##	[11356,]	1.020100e+04	9.880360e+05	100	0
##	[11357,]	0.000000e+00	0.000000e+00	0	0
##	[11358,]	2.500000e+01	2.102500e+04	9	0
##	[11359,]	0.000000e+00	0.000000e+00	0	0
##	[11360,]	0.000000e+00	0.000000e+00	0	0
##	[11361,]	0.000000e+00	0.000000e+00	0	0
##	[11362,]	4.900000e+01	1.156000e+03	772641	324
##	[11363,]	2.500000e+01	9.000000e+00	196	0
##	[11364,]	0.000000e+00	1.000000e+00	4	1
##	[11365,]	0.000000e+00	0.000000e+00	0	0
##	[11366,]	0.000000e+00	0.000000e+00	0	0
##	[11367,]	3.240000e+02	2.237290e+05	374499904	97344
##	[11368,]	1.000000e+00	9.000000e+00	6241	4
##	[11369,]	1.000000e+00	1.690000e+02	83521	49
##	[11370,]	7.290000e+02	2.560000e+04	24591681	10816
##	[11371,]	9.000000e+00	1.369000e+03	793881	289
##	[11372,]	0.000000e+00	0.000000e+00	1	0
##	[11373,]	3.240000e+02	2.924100e+04	21206025	10404
##	[11374,]	0.000000e+00	2.500000e+01	78400	25
##	[11375,]	0.000000e+00	0.000000e+00	9	4
##	[11376,]	0.000000e+00	0.000000e+00	10201	36
##	[11377,]	0.000000e+00	0.000000e+00	0	1
##	[11378,]	0.000000e+00	0.000000e+00	81	1
##	[11379,]	0.000000e+00	0.000000e+00	0	0
##	[11380,]	1.440000e+02	1.142440e+05	213452100	148996
##	[11381,]	0.000000e+00	0.000000e+00	0	1
##	[11382,]	0.000000e+00	0.000000e+00	0	0
##	[11383,]	1.000000e+00	0.000000e+00	6084	4
##	[11384,]	4.000000e+00	0.000000e+00	49	0
##	[11385,]	0.000000e+00	0.000000e+00	1	0
##	[11386,]	1.690000e+02	7.290000e+04	96452041	104976

##	[11387,]	1.000000e+00	6.760000e+02	361201	289
##	[11388,]	0.000000e+00	0.000000e+00	0	0
##	[11389,]	2.250000e+02	1.488400e+04	11819844	13456
##	[11390,]	0.000000e+00	6.400000e+01	6724	9
##	[11391,]	0.000000e+00	1.000000e+00	1	0
##	[11392,]	2.890000e+02	8.836000e+03	961	0
##	[11393,]	0.000000e+00	0.000000e+00	0	0
##	[11394,]	1.000000e+00	1.000000e+00	0	0
##	[11395,]	9.000000e+02	7.938810e+05	784996	4
##	[11396,]	0.000000e+00	0.000000e+00	0	0
##	[11397,]	0.000000e+00	0.000000e+00	0	0
##	[11398,]	0.000000e+00	0.000000e+00	0	0
##	[11399,]	9.060100e+04	2.235025e+06	14884	0
##	[11400,]	0.000000e+00	0.000000e+00	0	0
##	[11401,]	4.840000e+02	7.396000e+03	2316484	1521
##	[11402,]	0.000000e+00	0.000000e+00	25	9
##	[11403,]	4.000000e+00	3.600000e+01	324	0
##	[11404,]	9.610000e+02	1.690000e+02	1600	4
##	[11405,]	0.000000e+00	0.000000e+00	9	1
##	[11406,]	0.000000e+00	0.000000e+00	0	0
##	[11407,]	2.340900e+04	3.474496e+06	2527273984	1562500
##	[11408,]	4.900000e+01	4.000000e+00	39601	1
##	[11409,]	2.592100e+04	2.088490e+05	88341201	74529
##	[11410,]	1.000000e+00	1.960000e+02	790321	441
##	[11411,]	3.025000e+03	1.296000e+03	4	0
##	[11412,]	0.000000e+00	0.000000e+00	0	0
##	[11413,]	0.000000e+00	0.000000e+00	0	0
##	[11414,]	0.000000e+00	0.000000e+00	0	0
##	[11415,]	1.000000e+00	0.000000e+00	0	0
##	[11416,]	0.000000e+00	0.000000e+00	0	0
##	[11417,]	0.000000e+00	0.000000e+00	0	0
##	[11418,]	1.600000e+01	2.890000e+02	9	0
##	[11419,]	0.000000e+00	0.000000e+00	0	0
##	[11420,]	0.000000e+00	0.000000e+00	0	0
##	[11421,]	0.000000e+00	0.000000e+00	0	0
##	[11422,]	4.761000e+03	1.267360e+05	1600	0
##	[11423,]	0.000000e+00	0.000000e+00	0	0
##	[11424,]	0.000000e+00	0.000000e+00	0	0
##	[11425,]	3.600000e+01	7.840000e+02	64	0
##	[11426,]	0.000000e+00	0.000000e+00	0	0
##	[11427,]	1.000000e+00	0.000000e+00	0	0
##	[11428,]	1.000000e+00	0.000000e+00	0	0
##	[11429,]	2.560000e+02	2.611210e+05	152881	9
##	[11430,]	0.000000e+00	0.000000e+00	0	0
##	[11431,]	0.000000e+00	0.000000e+00	0	0
##	[11432,]	0.000000e+00	0.000000e+00	0	0
##	[11433,]	9.000000e+00	1.416100e+04	173056	4
##	[11434,]	0.000000e+00	0.000000e+00	0	0
##	[11435,]	0.000000e+00	3.600000e+01	49	0
##	[11436,]	0.000000e+00	0.000000e+00	0	0
##	[11437,]	0.000000e+00	0.000000e+00	0	0
##	[11438,]	0.000000e+00	0.000000e+00	0	0
##	[11439,]	0.000000e+00	0.000000e+00	0	0
##	[11440,]	5.290000e+02	8.410000e+02	3600	0

##	[11441,]	4.840000e+02	1.521000e+03	23104	4
##	[11442,]	2.500000e+01	1.000000e+00	0	0
##	[11443,]	0.000000e+00	0.000000e+00	4	0
##	[11444,]	0.000000e+00	0.000000e+00	1	0
##	[11445,]	0.000000e+00	0.000000e+00	0	0
##	[11446,]	6.250000e+02	3.276100e+04	2722500	1764
##	[11447,]	0.000000e+00	0.000000e+00	0	0
##	[11448,]	0.000000e+00	0.000000e+00	0	0
##	[11449,]	0.000000e+00	2.500000e+01	529	0
##	[11450,]	1.000000e+00	9.000000e+00	0	0
##	[11451,]	3.240000e+02	1.600000e+01	196	0
##	[11452,]	0.000000e+00	0.000000e+00	0	0
##	[11453,]	0.000000e+00	0.000000e+00	4	0
##	[11454,]	6.724000e+03	1.742400e+04	2223081	1764
##	[11455,]	0.000000e+00	9.000000e+00	9	0
##	[11456,]	4.000000e+00	0.000000e+00	1024	0
##	[11457,]	6.400000e+01	1.225000e+03	50176	25
##	[11458,]	0.000000e+00	0.000000e+00	0	0
##	[11459,]	1.000000e+00	3.600000e+01	37249	36
##	[11460,]	5.625000e+03	5.431690e+05	144480400	69696
##	[11461,]	0.000000e+00	0.000000e+00	0	1
##	[11462,]	0.000000e+00	0.000000e+00	0	1
##	[11463,]	9.000000e+00	0.000000e+00	1600	0
##	[11464,]	1.000000e+00	0.000000e+00	25	0
##	[11465,]	3.610000e+02	7.744000e+03	2937796	1369
##	[11466,]	2.500000e+01	9.000000e+00	100	4
##	[11467,]	0.000000e+00	4.000000e+00	48841	36
##	[11468,]	3.600000e+01	1.960000e+02	66564	25
##	[11469,]	3.610000e+02	9.610000e+04	100100025	40804
##	[11470,]	0.000000e+00	0.000000e+00	0	0
##	[11471,]	9.000000e+00	3.240000e+02	0	0
##	[11472,]	0.000000e+00	0.000000e+00	0	0
##	[11473,]	0.000000e+00	0.000000e+00	0	0
##	[11474,]	0.000000e+00	0.000000e+00	0	0
##	[11475,]	0.000000e+00	0.000000e+00	0	0
##	[11476,]	0.000000e+00	0.000000e+00	0	0
##	[11477,]	0.000000e+00	0.000000e+00	0	0
##	[11478,]	0.000000e+00	0.000000e+00	0	0
##	[11479,]	4.000000e+00	8.281000e+03	4	0
##	[11480,]	6.889000e+03	6.609690e+05	9	0
##	[11481,]	0.000000e+00	0.000000e+00	0	0
##	[11482,]	0.000000e+00	0.000000e+00	0	0
##	[11483,]	4.000000e+00	1.600000e+01	64	0
##	[11484,]	3.600000e+01	4.000000e+02	173889	121
##	[11485,]	4.000000e+00	1.000000e+00	1849	1
##	[11486,]	1.960000e+02	7.784100e+04	148962025	53824
##	[11487,]	0.000000e+00	0.000000e+00	25	0
##	[11488,]	0.000000e+00	4.000000e+00	46225	16
##	[11489,]	3.610000e+02	7.056000e+03	5377761	2916
##	[11490,]	0.000000e+00	0.000000e+00	9	0
##	[11491,]	4.000000e+00	1.600000e+01	115600	81
##	[11492,]	1.000000e+00	1.000000e+00	25	0
##	[11493,]	0.000000e+00	0.000000e+00	1	0
##	[11494,]	0.000000e+00	0.000000e+00	4	1

##	[11495,]	1.440000e+02	2.601000e+03	4231249	3844
##	[11496,]	0.000000e+00	0.000000e+00	0	0
##	[11497,]	0.000000e+00	0.000000e+00	1	0
##	[11498,]	0.000000e+00	9.000000e+00	46656	9
##	[11499,]	0.000000e+00	0.000000e+00	3481	0
##	[11500,]	6.400000e+01	3.610000e+04	77739489	82944
##	[11501,]	0.000000e+00	0.000000e+00	0	1
##	[11502,]	1.440000e+02	2.788900e+04	31080625	49284
##	[11503,]	0.000000e+00	1.000000e+00	576	0
##	[11504,]	0.000000e+00	0.000000e+00	9	0
##	[11505,]	0.000000e+00	1.000000e+00	1764	4
##	[11506,]	4.900000e+01	3.969000e+03	2775556	5776
##	[11507,]	0.000000e+00	0.000000e+00	16	0
##	[11508,]	0.000000e+00	6.400000e+01	67600	81
##	[11509,]	0.000000e+00	0.000000e+00	0	0
##	[11510,]	0.000000e+00	0.000000e+00	0	0
##	[11511,]	6.250000e+02	5.446440e+05	659344	25
##	[11512,]	0.000000e+00	0.000000e+00	0	0
##	[11513,]	0.000000e+00	0.000000e+00	0	0
##	[11514,]	5.290000e+04	1.522756e+06	11025	0
##	[11515,]	0.000000e+00	0.000000e+00	0	0
##	[11516,]	1.000000e+00	0.000000e+00	0	0
##	[11517,]	0.000000e+00	0.000000e+00	0	0
##	[11518,]	1.000000e+00	0.000000e+00	0	0
##	[11519,]	1.000000e+02	2.704000e+03	225	0
##	[11520,]	0.000000e+00	0.000000e+00	0	0
##	[11521,]	0.000000e+00	0.000000e+00	0	0
##	[11522,]	0.000000e+00	0.000000e+00	0	0
##	[11523,]	0.000000e+00	0.000000e+00	0	0
##	[11524,]	0.000000e+00	0.000000e+00	0	0
##	[11525,]	0.000000e+00	0.000000e+00	0	0
##	[11526,]	0.000000e+00	0.000000e+00	0	0
##	[11527,]	0.000000e+00	0.000000e+00	0	0
##	[11528,]	0.000000e+00	0.000000e+00	0	0
##	[11529,]	0.000000e+00	0.000000e+00	0	0
##	[11530,]	0.000000e+00	0.000000e+00	0	0
##	[11531,]	0.000000e+00	0.000000e+00	0	0
##	[11532,]	0.000000e+00	0.000000e+00	0	0
##	[11533,]	0.000000e+00	0.000000e+00	0	0
##	[11534,]	0.000000e+00	0.000000e+00	0	0
##	[11535,]	0.000000e+00	0.000000e+00	0	0
##	[11536,]	0.000000e+00	0.000000e+00	0	0
##	[11537,]	0.000000e+00	0.000000e+00	0	0
##	[11538,]	0.000000e+00	0.000000e+00	0	0
##	[11539,]	0.000000e+00	0.000000e+00	0	0
##	[11540,]	0.000000e+00	0.000000e+00	0	0
##	[11541,]	0.000000e+00	0.000000e+00	0	0
##	[11542,]	0.000000e+00	0.000000e+00	0	0
##	[11543,]	0.000000e+00	0.000000e+00	0	0
##	[11544,]	0.000000e+00	0.000000e+00	0	0
##	[11545,]	0.000000e+00	0.000000e+00	0	0
##	[11546,]	0.000000e+00	0.000000e+00	0	0
##	[11547,]	0.000000e+00	0.000000e+00	0	0
##	[11548,]	0.000000e+00	0.000000e+00	0	0

##	[11549,]	0.000000e+00	0.000000e+00	0	0
##	[11550,]	0.000000e+00	0.000000e+00	0	0
##	[11551,]	0.000000e+00	0.000000e+00	0	0
##	[11552,]	0.000000e+00	0.000000e+00	0	0
##	[11553,]	0.000000e+00	0.000000e+00	0	0
##	[11554,]	0.000000e+00	0.000000e+00	0	0
##	[11555,]	0.000000e+00	0.000000e+00	0	0
##	[11556,]	0.000000e+00	0.000000e+00	0	0
##	[11557,]	1.681000e+03	0.000000e+00	0	0
##	[11558,]	0.000000e+00	0.000000e+00	0	0
##	[11559,]	0.000000e+00	0.000000e+00	0	0
##	[11560,]	0.000000e+00	0.000000e+00	0	0
##	[11561,]	0.000000e+00	0.000000e+00	0	0
##	[11562,]	0.000000e+00	0.000000e+00	0	0
##	[11563,]	0.000000e+00	0.000000e+00	0	0
##	[11564,]	0.000000e+00	0.000000e+00	0	0
##	[11565,]	0.000000e+00	0.000000e+00	0	0
##	[11566,]	1.000000e+00	0.000000e+00	0	0
##	[11567,]	0.000000e+00	0.000000e+00	0	0
##	[11568,]	1.210000e+02	0.000000e+00	0	0
##	[11569,]	0.000000e+00	0.000000e+00	0	0
##	[11570,]	1.000000e+00	0.000000e+00	0	0
##	[11571,]	0.000000e+00	0.000000e+00	0	0
##	[11572,]	1.440000e+02	0.000000e+00	0	0
##	[11573,]	0.000000e+00	0.000000e+00	0	0
##	[11574,]	1.000000e+02	0.000000e+00	0	0
##	[11575,]	0.000000e+00	0.000000e+00	0	0
##	[11576,]	3.600000e+01	0.000000e+00	0	0
##	[11577,]	0.000000e+00	0.000000e+00	0	0
##	[11578,]	0.000000e+00	0.000000e+00	0	0
##	[11579,]	0.000000e+00	0.000000e+00	0	0
##	[11580,]	0.000000e+00	0.000000e+00	0	0
##	[11581,]	0.000000e+00	0.000000e+00	0	0
##	[11582,]	1.000000e+00	0.000000e+00	0	0
##	[11583,]	0.000000e+00	0.000000e+00	0	0
##	[11584,]	5.290000e+02	0.000000e+00	0	0
##	[11585,]	0.000000e+00	0.000000e+00	0	0
##	[11586,]	0.000000e+00	0.000000e+00	0	0
##	[11587,]	0.000000e+00	0.000000e+00	0	0
##	[11588,]	0.000000e+00	0.000000e+00	0	0
##	[11589,]	9.235210e+05	0.000000e+00	0	0
##	[11590,]	0.000000e+00	0.000000e+00	0	0
##	[11591,]	0.000000e+00	0.000000e+00	0	0
##	[11592,]	0.000000e+00	0.000000e+00	0	0
##	[11593,]	1.960000e+02	0.000000e+00	0	0
##	[11594,]	0.000000e+00	0.000000e+00	0	0
##	[11595,]	0.000000e+00	0.000000e+00	0	0
##	[11596,]	2.890000e+04	0.000000e+00	0	0
##	[11597,]	1.102500e+04	0.000000e+00	0	0
##	[11598,]	0.000000e+00	0.000000e+00	0	0
##	[11599,]	1.060900e+04	0.000000e+00	0	0
##	[11600,]	0.000000e+00	0.000000e+00	0	0
##	[11601,]	1.000000e+04	0.000000e+00	0	0
##	[11602,]	0.000000e+00	0.000000e+00	0	0

##	[11603,]	2.199610e+05	0.000000e+00	0	0
##	[11604,]	0.000000e+00	0.000000e+00	0	0
##	[11605,]	0.000000e+00	0.000000e+00	0	0
##	[11606,]	0.000000e+00	0.000000e+00	0	0
##	[11607,]	0.000000e+00	0.000000e+00	0	0
##	[11608,]	0.000000e+00	0.000000e+00	0	0
##	[11609,]	0.000000e+00	0.000000e+00	0	0
##	[11610,]	2.496400e+04	0.000000e+00	0	0
##	[11611,]	3.831610e+05	0.000000e+00	0	0
##	[11612,]	0.000000e+00	0.000000e+00	0	0
##	[11613,]	0.000000e+00	0.000000e+00	0	0
##	[11614,]	6.607984e+08	0.000000e+00	0	0
##	[11615,]	0.000000e+00	0.000000e+00	0	0
##	[11616,]	0.000000e+00	0.000000e+00	0	0
##	[11617,]	0.000000e+00	0.000000e+00	0	0
##	[11618,]	0.000000e+00	0.000000e+00	0	0
##	[11619,]	1.600000e+01	0.000000e+00	0	0
##	[11620,]	0.000000e+00	0.000000e+00	0	0
##	[11621,]	0.000000e+00	0.000000e+00	0	0
##	[11622,]	6.400900e+04	0.000000e+00	0	0
##	[11623,]	4.000000e+00	0.000000e+00	0	0
##	[11624,]	1.472257e+07	0.000000e+00	0	0
##	[11625,]	1.000000e+00	0.000000e+00	0	0
##	[11626,]	5.645376e+06	0.000000e+00	0	0
##	[11627,]	0.000000e+00	0.000000e+00	0	0
##	[11628,]	4.635409e+06	0.000000e+00	0	0
##	[11629,]	1.000000e+00	0.000000e+00	0	0
##	[11630,]	8.898289e+06	0.000000e+00	0	0
##	[11631,]	0.000000e+00	0.000000e+00	0	0
##	[11632,]	1.989228e+08	0.000000e+00	0	0
##	[11633,]	0.000000e+00	0.000000e+00	0	0
##	[11634,]	1.600000e+01	0.000000e+00	0	0
##	[11635,]	0.000000e+00	0.000000e+00	0	0
##	[11636,]	0.000000e+00	0.000000e+00	0	0
##	[11637,]	4.000000e+00	0.000000e+00	0	0
##	[11638,]	2.010626e+07	0.000000e+00	0	0
##	[11639,]	1.000000e+00	0.000000e+00	0	0
##	[11640,]	3.251170e+08	0.000000e+00	0	0
##	[11641,]	3.969000e+03	0.000000e+00	0	0
##	[11642,]	0.000000e+00	0.000000e+00	0	0
##	[11643,]	9.103259e+09	0.000000e+00	0	0
##	[11644,]	0.000000e+00	0.000000e+00	0	0
##	[11645,]	0.000000e+00	0.000000e+00	0	0
##	[11646,]	0.000000e+00	0.000000e+00	0	0
##	[11647,]	0.000000e+00	0.000000e+00	0	0
##	[11648,]	0.000000e+00	0.000000e+00	0	0
##	[11649,]	1.893376e+06	0.000000e+00	0	0
##	[11650,]	4.000000e+00	0.000000e+00	0	0
##	[11651,]	1.369000e+03	0.000000e+00	0	0
##	[11652,]	2.177100e+08	0.000000e+00	0	0
##	[11653,]	8.020994e+07	0.000000e+00	0	0
##	[11654,]	1.210000e+02	0.000000e+00	0	0
##	[11655,]	2.500000e+01	0.000000e+00	0	0
##	[11656,]	5.571130e+07	0.000000e+00	0	0

##	[11657,]	3.600000e+01	0.000000e+00	0	0
##	[11658,]	9.988004e+07	0.000000e+00	0	0
##	[11659,]	4.000000e+00	0.000000e+00	0	0
##	[11660,]	2.794814e+09	0.000000e+00	0	0
##	[11661,]	5.290000e+02	0.000000e+00	0	0
##	[11662,]	0.000000e+00	0.000000e+00	0	0
##	[11663,]	0.000000e+00	0.000000e+00	0	0
##	[11664,]	0.000000e+00	0.000000e+00	0	0
##	[11665,]	2.974935e+08	0.000000e+00	0	0
##	[11666,]	9.000000e+00	0.000000e+00	0	0
##	[11667,]	4.367095e+09	0.000000e+00	0	0
##	[11668,]	1.210000e+02	0.000000e+00	0	0
##	[11669,]	0.000000e+00	0.000000e+00	0	0
##	[11670,]	0.000000e+00	0.000000e+00	0	0
##	[11671,]	0.000000e+00	0.000000e+00	0	0
##	[11672,]	4.096000e+03	0.000000e+00	0	0
##	[11673,]	0.000000e+00	0.000000e+00	0	0
##	[11674,]	1.297663e+10	0.000000e+00	0	0
##	[11675,]	0.000000e+00	0.000000e+00	0	0
##	[11676,]	0.000000e+00	0.000000e+00	0	0
##	[11677,]	3.185474e+07	0.000000e+00	0	0
##	[11678,]	4.000000e+00	0.000000e+00	0	0
##	[11679,]	0.000000e+00	0.000000e+00	0	0
##	[11680,]	1.361831e+09	0.000000e+00	0	0
##	[11681,]	6.250000e+02	0.000000e+00	0	0
##	[11682,]	0.000000e+00	0.000000e+00	0	0
##	[11683,]	0.000000e+00	0.000000e+00	0	0
##	[11684,]	3.476733e+08	0.000000e+00	0	0
##	[11685,]	2.560000e+02	0.000000e+00	0	0
##	[11686,]	0.000000e+00	0.000000e+00	0	0
##	[11687,]	1.624860e+08	0.000000e+00	0	0
##	[11688,]	1.000000e+02	0.000000e+00	0	0
##	[11689,]	8.740380e+07	0.000000e+00	0	0
##	[11690,]	8.100000e+01	0.000000e+00	0	0
##	[11691,]	0.000000e+00	0.000000e+00	0	0
##	[11692,]	9.379519e+08	0.000000e+00	0	0
##	[11693,]	0.000000e+00	0.000000e+00	0	0
##	[11694,]	4.000000e+00	0.000000e+00	0	0
##	[11695,]	0.000000e+00	0.000000e+00	0	0
##	[11696,]	0.000000e+00	0.000000e+00	0	0
##	[11697,]	6.400900e+04	0.000000e+00	0	0
##	[11698,]	0.000000e+00	0.000000e+00	0	0
##	[11699,]	0.000000e+00	0.000000e+00	0	0
##	[11700,]	0.000000e+00	0.000000e+00	0	0
##	[11701,]	1.870995e+09	0.000000e+00	0	0
##	[11702,]	1.600000e+01	0.000000e+00	0	0
##	[11703,]	0.000000e+00	0.000000e+00	0	0
##	[11704,]	2.890000e+02	0.000000e+00	0	0
##	[11705,]	0.000000e+00	0.000000e+00	0	0
##	[11706,]	2.006771e+09	0.000000e+00	0	0
##	[11707,]	4.106375e+09	0.000000e+00	0	0
##	[11708,]	0.000000e+00	0.000000e+00	0	0
##	[11709,]	0.000000e+00	0.000000e+00	0	0
##	[11710,]	0.000000e+00	0.000000e+00	0	0

##	[11711,]	0.000000e+00	0.000000e+00	0	0
##	[11712,]	0.000000e+00	0.000000e+00	0	0
##	[11713,]	0.000000e+00	0.000000e+00	0	0
##	[11714,]	1.583244e+07	0.000000e+00	0	0
##	[11715,]	0.000000e+00	0.000000e+00	0	0
##	[11716,]	1.761481e+07	0.000000e+00	0	0
##	[11717,]	1.795600e+04	0.000000e+00	0	0
##	[11718,]	7.109156e+08	0.000000e+00	0	0
##	[11719,]	0.000000e+00	0.000000e+00	0	0
##	[11720,]	5.597956e+06	0.000000e+00	0	0
##	[11721,]	9.840640e+05	0.000000e+00	0	0
##	[11722,]	0.000000e+00	0.000000e+00	0	0
##	[11723,]	1.609346e+08	0.000000e+00	0	0
##	[11724,]	0.000000e+00	0.000000e+00	0	0
##	[11725,]	6.256810e+07	0.000000e+00	0	0
##	[11726,]	2.007040e+05	0.000000e+00	0	0
##	[11727,]	1.584836e+07	0.000000e+00	0	0
##	[11728,]	1.444000e+03	0.000000e+00	0	0
##	[11729,]	0.000000e+00	0.000000e+00	0	0
##	[11730,]	0.000000e+00	0.000000e+00	0	0
##	[11731,]	7.471874e+07	0.000000e+00	0	0
##	[11732,]	1.000000e+00	0.000000e+00	0	0
##	[11733,]	1.000000e+00	0.000000e+00	0	0
##	[11734,]	0.000000e+00	0.000000e+00	0	0
##	[11735,]	5.244100e+04	0.000000e+00	0	0
##	[11736,]	0.000000e+00	0.000000e+00	0	0
##	[11737,]	0.000000e+00	0.000000e+00	0	0
##	[11738,]	0.000000e+00	0.000000e+00	0	0
##	[11739,]	1.045229e+07	0.000000e+00	0	0
##	[11740,]	9.105306e+08	0.000000e+00	0	0
##	[11741,]	0.000000e+00	0.000000e+00	0	0
##	[11742,]	0.000000e+00	0.000000e+00	0	0
##	[11743,]	2.334478e+08	0.000000e+00	0	0
##	[11744,]	1.416100e+04	0.000000e+00	0	0
##	[11745,]	0.000000e+00	0.000000e+00	0	0
##	[11746,]	1.246302e+09	0.000000e+00	0	0
##	[11747,]	0.000000e+00	0.000000e+00	0	0
##	[11748,]	0.000000e+00	0.000000e+00	0	0
##	[11749,]	0.000000e+00	0.000000e+00	0	0
##	[11750,]	0.000000e+00	0.000000e+00	0	0
##	[11751,]	4.161600e+06	0.000000e+00	0	0
##	[11752,]	0.000000e+00	0.000000e+00	0	0
##	[11753,]	3.374569e+06	0.000000e+00	0	0
##	[11754,]	0.000000e+00	0.000000e+00	0	0
##	[11755,]	4.225000e+03	0.000000e+00	0	0
##	[11756,]	0.000000e+00	0.000000e+00	0	0
##	[11757,]	2.223976e+08	0.000000e+00	0	0
##	[11758,]	1.505529e+06	0.000000e+00	0	0
##	[11759,]	2.284840e+05	0.000000e+00	0	0
##	[11760,]	0.000000e+00	0.000000e+00	0	0
##	[11761,]	5.107961e+07	0.000000e+00	0	0
##	[11762,]	2.123366e+07	0.000000e+00	0	0
##	[11763,]	0.000000e+00	0.000000e+00	0	0
##	[11764,]	5.664400e+04	0.000000e+00	0	0

##	[11765,]	4.456321e+06	0.000000e+00	0	0
##	[11766,]	0.000000e+00	0.000000e+00	0	0
##	[11767,]	6.760000e+02	0.000000e+00	0	0
##	[11768,]	3.600000e+01	0.000000e+00	0	0
##	[11769,]	2.196797e+07	0.000000e+00	0	0
##	[11770,]	0.000000e+00	0.000000e+00	0	0
##	[11771,]	0.000000e+00	0.000000e+00	0	0
##	[11772,]	3.364000e+03	0.000000e+00	0	0
##	[11773,]	0.000000e+00	0.000000e+00	0	0
##	[11774,]	0.000000e+00	0.000000e+00	0	0
##	[11775,]	0.000000e+00	0.000000e+00	0	0
##	[11776,]	0.000000e+00	0.000000e+00	0	0
##	[11777,]	0.000000e+00	0.000000e+00	0	0
##	[11778,]	1.988100e+06	0.000000e+00	0	0
##	[11779,]	2.644852e+08	0.000000e+00	0	0
##	[11780,]	0.000000e+00	0.000000e+00	0	0
##	[11781,]	6.769998e+07	0.000000e+00	0	0
##	[11782,]	6.084000e+03	0.000000e+00	0	0
##	[11783,]	0.000000e+00	0.000000e+00	0	0
##	[11784,]	9.337357e+07	0.000000e+00	0	0
##	[11785,]	5.332405e+08	0.000000e+00	0	0
##	[11786,]	0.000000e+00	0.000000e+00	0	0
##	[11787,]	0.000000e+00	0.000000e+00	0	0
##	[11788,]	0.000000e+00	0.000000e+00	0	0
##	[11789,]	0.000000e+00	0.000000e+00	0	0
##	[11790,]	0.000000e+00	0.000000e+00	0	0
##	[11791,]	0.000000e+00	0.000000e+00	0	0
##	[11792,]	1.122250e+05	0.000000e+00	0	0
##	[11793,]	1.085764e+06	0.000000e+00	0	0
##	[11794,]	0.000000e+00	0.000000e+00	0	0
##	[11795,]	2.963714e+07	0.000000e+00	0	0
##	[11796,]	1.041420e+08	0.000000e+00	0	0
##	[11797,]	5.396329e+06	0.000000e+00	0	0
##	[11798,]	0.000000e+00	0.000000e+00	0	0
##	[11799,]	2.906288e+07	0.000000e+00	0	0
##	[11800,]	1.027202e+07	0.000000e+00	0	0
##	[11801,]	1.943236e+06	0.000000e+00	0	0
##	[11802,]	0.000000e+00	0.000000e+00	0	0
##	[11803,]	1.366561e+06	0.000000e+00	0	0
##	[11804,]	0.000000e+00	0.000000e+00	0	0
##	[11805,]	1.960000e+04	0.000000e+00	0	0
##	[11806,]	0.000000e+00	0.000000e+00	0	0
##	[11807,]	7.290000e+02	0.000000e+00	0	0
##	[11808,]	4.326400e+06	0.000000e+00	0	0
##	[11809,]	4.000000e+00	0.000000e+00	0	0
##	[11810,]	3.240000e+02	0.000000e+00	0	0
##	[11811,]	0.000000e+00	0.000000e+00	0	0
##	[11812,]	0.000000e+00	0.000000e+00	0	0
##	[11813,]	0.000000e+00	0.000000e+00	0	0
##	[11814,]	0.000000e+00	0.000000e+00	0	0
##	[11815,]	6.241000e+07	0.000000e+00	0	0
##	[11816,]	1.073918e+08	0.000000e+00	0	0
##	[11817,]	0.000000e+00	0.000000e+00	0	0
##	[11818,]	1.769044e+07	0.000000e+00	0	0

##	[11819,]	2.152960e+05	0.000000e+00	0	0
##	[11820,]	0.000000e+00	0.000000e+00	0	0
##	[11821,]	2.528100e+04	0.000000e+00	0	0
##	[11822,]	0.000000e+00	0.000000e+00	0	0
##	[11823,]	0.000000e+00	0.000000e+00	0	0
##	[11824,]	1.344909e+09	0.000000e+00	0	0
##	[11825,]	0.000000e+00	0.000000e+00	0	0
##	[11826,]	0.000000e+00	0.000000e+00	0	0
##	[11827,]	0.000000e+00	0.000000e+00	0	0
##	[11828,]	9.549198e+07	0.000000e+00	0	0
##	[11829,]	9.000000e+00	0.000000e+00	0	0
##	[11830,]	6.275025e+06	0.000000e+00	0	0
##	[11831,]	1.017610e+05	0.000000e+00	0	0
##	[11832,]	2.446292e+07	0.000000e+00	0	0
##	[11833,]	3.281532e+08	0.000000e+00	0	0
##	[11834,]	1.210000e+02	0.000000e+00	0	0
##	[11835,]	7.474756e+06	0.000000e+00	0	0
##	[11836,]	3.600000e+01	0.000000e+00	0	0
##	[11837,]	7.002342e+07	0.000000e+00	0	0
##	[11838,]	2.334784e+06	0.000000e+00	0	0
##	[11839,]	2.560360e+07	0.000000e+00	0	0
##	[11840,]	1.960000e+02	0.000000e+00	0	0
##	[11841,]	4.665600e+04	0.000000e+00	0	0
##	[11842,]	1.957201e+06	0.000000e+00	0	0
##	[11843,]	7.396000e+03	0.000000e+00	0	0
##	[11844,]	1.503076e+06	0.000000e+00	0	0
##	[11845,]	8.410000e+02	0.000000e+00	0	0
##	[11846,]	1.521000e+03	0.000000e+00	0	0
##	[11847,]	5.290000e+02	0.000000e+00	0	0
##	[11848,]	0.000000e+00	0.000000e+00	0	0
##	[11849,]	0.000000e+00	0.000000e+00	0	0
##	[11850,]	0.000000e+00	0.000000e+00	0	0
##	[11851,]	0.000000e+00	0.000000e+00	0	0
##	[11852,]	0.000000e+00	0.000000e+00	0	0
##	[11853,]	3.097952e+08	0.000000e+00	0	0
##	[11854,]	3.600000e+01	0.000000e+00	0	0
##	[11855,]	4.677192e+07	0.000000e+00	0	0
##	[11856,]	1.795600e+04	0.000000e+00	0	0
##	[11857,]	1.604804e+07	0.000000e+00	0	0
##	[11858,]	2.948490e+05	0.000000e+00	0	0
##	[11859,]	7.656250e+05	0.000000e+00	0	0
##	[11860,]	4.884100e+04	0.000000e+00	0	0
##	[11861,]	0.000000e+00	0.000000e+00	0	0
##	[11862,]	3.013351e+09	0.000000e+00	0	0
##	[11863,]	0.000000e+00	0.000000e+00	0	0
##	[11864,]	0.000000e+00	0.000000e+00	0	0
##	[11865,]	0.000000e+00	0.000000e+00	0	0
##	[11866,]	0.000000e+00	0.000000e+00	0	0
##	[11867,]	6.400000e+01	0.000000e+00	0	0
##	[11868,]	7.840000e+02	0.000000e+00	0	0
##	[11869,]	1.333710e+07	0.000000e+00	0	0
##	[11870,]	1.497690e+05	0.000000e+00	0	0
##	[11871,]	7.447987e+08	0.000000e+00	0	0
##	[11872,]	6.400000e+01	0.000000e+00	0	0

##	[11873,]	1.955243e+08	0.000000e+00	0	0
##	[11874,]	3.496900e+04	0.000000e+00	0	0
##	[11875,]	4.000000e+00	0.000000e+00	0	0
##	[11876,]	5.501189e+07	0.000000e+00	0	0
##	[11877,]	3.610000e+04	0.000000e+00	0	0
##	[11878,]	6.561000e+03	0.000000e+00	0	0
##	[11879,]	7.569000e+03	0.000000e+00	0	0
##	[11880,]	2.334784e+06	0.000000e+00	0	0
##	[11881,]	4.624000e+03	0.000000e+00	0	0
##	[11882,]	1.225000e+03	0.000000e+00	0	0
##	[11883,]	2.250000e+02	0.000000e+00	0	0
##	[11884,]	1.046529e+06	0.000000e+00	0	0
##	[11885,]	0.000000e+00	0.000000e+00	0	0
##	[11886,]	1.156000e+03	0.000000e+00	0	0
##	[11887,]	0.000000e+00	0.000000e+00	0	0
##	[11888,]	0.000000e+00	0.000000e+00	0	0
##	[11889,]	0.000000e+00	0.000000e+00	0	0
##	[11890,]	0.000000e+00	0.000000e+00	0	0
##	[11891,]	9.000000e+00	0.000000e+00	0	0
##	[11892,]	5.439623e+08	0.000000e+00	0	0
##	[11893,]	2.332890e+05	0.000000e+00	0	0
##	[11894,]	4.080400e+04	0.000000e+00	0	0
##	[11895,]	1.834409e+07	0.000000e+00	0	0
##	[11896,]	2.280100e+04	0.000000e+00	0	0
##	[11897,]	0.000000e+00	0.000000e+00	0	0
##	[11898,]	0.000000e+00	0.000000e+00	0	0
##	[11899,]	5.244100e+04	0.000000e+00	0	0
##	[11900,]	0.000000e+00	0.000000e+00	0	0
##	[11901,]	2.905210e+05	0.000000e+00	0	0
##	[11902,]	0.000000e+00	0.000000e+00	0	0
##	[11903,]	4.421585e+09	0.000000e+00	0	0
##	[11904,]	0.000000e+00	0.000000e+00	0	0
##	[11905,]	4.000000e+00	0.000000e+00	0	0
##	[11906,]	1.559460e+07	0.000000e+00	0	0
##	[11907,]	3.240000e+02	0.000000e+00	0	0
##	[11908,]	4.410000e+02	0.000000e+00	0	0
##	[11909,]	6.803229e+08	0.000000e+00	0	0
##	[11910,]	2.755600e+04	0.000000e+00	0	0
##	[11911,]	2.046330e+08	0.000000e+00	0	0
##	[11912,]	8.281000e+03	0.000000e+00	0	0
##	[11913,]	4.900000e+01	0.000000e+00	0	0
##	[11914,]	1.106704e+08	0.000000e+00	0	0
##	[11915,]	9.801000e+03	0.000000e+00	0	0
##	[11916,]	1.392400e+04	0.000000e+00	0	0
##	[11917,]	2.500000e+03	0.000000e+00	0	0
##	[11918,]	2.207120e+07	0.000000e+00	0	0
##	[11919,]	1.144900e+04	0.000000e+00	0	0
##	[11920,]	3.364000e+03	0.000000e+00	0	0
##	[11921,]	4.816360e+07	0.000000e+00	0	0
##	[11922,]	9.610000e+02	0.000000e+00	0	0
##	[11923,]	0.000000e+00	0.000000e+00	0	0
##	[11924,]	6.561000e+03	0.000000e+00	0	0
##	[11925,]	0.000000e+00	0.000000e+00	0	0
##	[11926,]	0.000000e+00	0.000000e+00	0	0

##	[11927,]	0.000000e+00	0.000000e+00	0	0
##	[11928,]	0.000000e+00	0.000000e+00	0	0
##	[11929,]	2.500000e+01	0.000000e+00	0	0
##	[11930,]	2.566724e+08	0.000000e+00	0	0
##	[11931,]	3.763600e+04	0.000000e+00	0	0
##	[11932,]	1.932100e+04	0.000000e+00	0	0
##	[11933,]	4.622500e+04	0.000000e+00	0	0
##	[11934,]	2.244603e+08	0.000000e+00	0	0
##	[11935,]	0.000000e+00	0.000000e+00	0	0
##	[11936,]	3.312400e+04	0.000000e+00	0	0
##	[11937,]	0.000000e+00	0.000000e+00	0	0
##	[11938,]	0.000000e+00	0.000000e+00	0	0
##	[11939,]	0.000000e+00	0.000000e+00	0	0
##	[11940,]	0.000000e+00	0.000000e+00	0	0
##	[11941,]	8.172160e+07	0.000000e+00	0	0
##	[11942,]	3.472981e+09	0.000000e+00	0	0
##	[11943,]	0.000000e+00	0.000000e+00	0	0
##	[11944,]	1.033622e+07	0.000000e+00	0	0
##	[11945,]	2.440360e+05	0.000000e+00	0	0
##	[11946,]	6.400000e+01	0.000000e+00	0	0
##	[11947,]	1.429596e+07	0.000000e+00	0	0
##	[11948,]	2.585986e+08	0.000000e+00	0	0
##	[11949,]	9.000000e+00	0.000000e+00	0	0
##	[11950,]	4.857616e+06	0.000000e+00	0	0
##	[11951,]	1.139343e+08	0.000000e+00	0	0
##	[11952,]	2.683044e+06	0.000000e+00	0	0
##	[11953,]	1.232100e+04	0.000000e+00	0	0
##	[11954,]	2.053489e+08	0.000000e+00	0	0
##	[11955,]	1.936000e+03	0.000000e+00	0	0
##	[11956,]	5.950580e+07	0.000000e+00	0	0
##	[11957,]	4.489000e+05	0.000000e+00	0	0
##	[11958,]	6.400900e+04	0.000000e+00	0	0
##	[11959,]	2.560000e+02	0.000000e+00	0	0
##	[11960,]	4.785872e+07	0.000000e+00	0	0
##	[11961,]	8.464000e+03	0.000000e+00	0	0
##	[11962,]	0.000000e+00	0.000000e+00	0	0
##	[11963,]	0.000000e+00	0.000000e+00	0	0
##	[11964,]	0.000000e+00	0.000000e+00	0	0
##	[11965,]	0.000000e+00	0.000000e+00	0	0
##	[11966,]	0.000000e+00	0.000000e+00	0	0
##	[11967,]	1.038773e+07	0.000000e+00	0	0
##	[11968,]	9.000000e+00	0.000000e+00	0	0
##	[11969,]	1.022525e+08	0.000000e+00	0	0
##	[11970,]	0.000000e+00	0.000000e+00	0	0
##	[11971,]	0.000000e+00	0.000000e+00	0	0
##	[11972,]	0.000000e+00	0.000000e+00	0	0
##	[11973,]	3.907500e+07	0.000000e+00	0	0
##	[11974,]	2.755600e+04	0.000000e+00	0	0
##	[11975,]	2.805715e+09	0.000000e+00	0	0
##	[11976,]	0.000000e+00	0.000000e+00	0	0
##	[11977,]	0.000000e+00	0.000000e+00	0	0
##	[11978,]	0.000000e+00	0.000000e+00	0	0
##	[11979,]	0.000000e+00	0.000000e+00	0	0
##	[11980,]	0.000000e+00	0.000000e+00	0	0

##	[11981,]	2.961841e+06	0.000000e+00	0	0
##	[11982,]	1.156000e+05	0.000000e+00	0	0
##	[11983,]	4.000000e+00	0.000000e+00	0	0
##	[11984,]	1.194649e+08	0.000000e+00	0	0
##	[11985,]	2.890000e+02	0.000000e+00	0	0
##	[11986,]	2.673225e+06	0.000000e+00	0	0
##	[11987,]	1.435204e+06	0.000000e+00	0	0
##	[11988,]	3.186602e+07	0.000000e+00	0	0
##	[11989,]	2.500000e+01	0.000000e+00	0	0
##	[11990,]	3.600000e+03	0.000000e+00	0	0
##	[11991,]	1.527696e+06	0.000000e+00	0	0
##	[11992,]	5.587562e+07	0.000000e+00	0	0
##	[11993,]	8.630410e+05	0.000000e+00	0	0
##	[11994,]	1.291405e+08	0.000000e+00	0	0
##	[11995,]	2.304000e+03	0.000000e+00	0	0
##	[11996,]	2.507156e+08	0.000000e+00	0	0
##	[11997,]	8.335690e+05	0.000000e+00	0	0
##	[11998,]	1.156000e+03	0.000000e+00	0	0
##	[11999,]	1.000000e+00	0.000000e+00	0	0
##	[12000,]	6.400000e+01	0.000000e+00	0	0
##	[12001,]	5.776000e+03	0.000000e+00	0	0
##	[12002,]	0.000000e+00	0.000000e+00	0	0
##	[12003,]	0.000000e+00	0.000000e+00	0	0
##	[12004,]	0.000000e+00	0.000000e+00	0	0
##	[12005,]	1.891380e+07	0.000000e+00	0	0
##	[12006,]	1.600000e+01	0.000000e+00	0	0
##	[12007,]	2.356225e+06	0.000000e+00	0	0
##	[12008,]	0.000000e+00	0.000000e+00	0	0
##	[12009,]	0.000000e+00	0.000000e+00	0	0
##	[12010,]	0.000000e+00	0.000000e+00	0	0
##	[12011,]	4.744555e+08	0.000000e+00	0	0
##	[12012,]	0.000000e+00	0.000000e+00	0	0
##	[12013,]	0.000000e+00	0.000000e+00	0	0
##	[12014,]	0.000000e+00	0.000000e+00	0	0
##	[12015,]	0.000000e+00	0.000000e+00	0	0
##	[12016,]	5.052793e+09	0.000000e+00	0	0
##	[12017,]	0.000000e+00	0.000000e+00	0	0
##	[12018,]	8.464000e+03	0.000000e+00	0	0
##	[12019,]	7.182400e+04	0.000000e+00	0	0
##	[12020,]	9.000000e+00	0.000000e+00	0	0
##	[12021,]	1.565001e+06	0.000000e+00	0	0
##	[12022,]	9.610000e+02	0.000000e+00	0	0
##	[12023,]	5.568144e+07	0.000000e+00	0	0
##	[12024,]	2.653641e+06	0.000000e+00	0	0
##	[12025,]	5.760000e+02	0.000000e+00	0	0
##	[12026,]	1.515545e+07	0.000000e+00	0	0
##	[12027,]	1.258884e+06	0.000000e+00	0	0
##	[12028,]	2.256250e+07	0.000000e+00	0	0
##	[12029,]	1.027844e+07	0.000000e+00	0	0
##	[12030,]	2.560000e+02	0.000000e+00	0	0
##	[12031,]	7.537712e+07	0.000000e+00	0	0
##	[12032,]	8.489780e+07	0.000000e+00	0	0
##	[12033,]	6.400000e+01	0.000000e+00	0	0
##	[12034,]	4.726562e+07	0.000000e+00	0	0

##	[12035,]	1.981407e+09	0.000000e+00	0	0
##	[12036,]	1.000000e+02	0.000000e+00	0	0
##	[12037,]	0.000000e+00	0.000000e+00	0	0
##	[12038,]	7.290000e+02	0.000000e+00	0	0
##	[12039,]	0.000000e+00	0.000000e+00	0	0
##	[12040,]	0.000000e+00	0.000000e+00	0	0
##	[12041,]	0.000000e+00	0.000000e+00	0	0
##	[12042,]	0.000000e+00	0.000000e+00	0	0
##	[12043,]	1.058201e+07	0.000000e+00	0	0
##	[12044,]	5.446440e+05	0.000000e+00	0	0
##	[12045,]	4.900000e+01	0.000000e+00	0	0
##	[12046,]	0.000000e+00	0.000000e+00	0	0
##	[12047,]	0.000000e+00	0.000000e+00	0	0
##	[12048,]	0.000000e+00	0.000000e+00	0	0
##	[12049,]	0.000000e+00	0.000000e+00	0	0
##	[12050,]	0.000000e+00	0.000000e+00	0	0
##	[12051,]	2.131600e+04	0.000000e+00	0	0
##	[12052,]	9.682560e+07	0.000000e+00	0	0
##	[12053,]	0.000000e+00	0.000000e+00	0	0
##	[12054,]	0.000000e+00	0.000000e+00	0	0
##	[12055,]	3.368693e+08	0.000000e+00	0	0
##	[12056,]	0.000000e+00	0.000000e+00	0	0
##	[12057,]	3.600000e+01	0.000000e+00	0	0
##	[12058,]	6.691240e+05	0.000000e+00	0	0
##	[12059,]	8.352100e+04	0.000000e+00	0	0
##	[12060,]	2.312648e+07	0.000000e+00	0	0
##	[12061,]	3.600000e+03	0.000000e+00	0	0
##	[12062,]	2.292196e+06	0.000000e+00	0	0
##	[12063,]	5.031049e+06	0.000000e+00	0	0
##	[12064,]	4.410000e+02	0.000000e+00	0	0
##	[12065,]	4.173160e+05	0.000000e+00	0	0
##	[12066,]	1.750329e+06	0.000000e+00	0	0
##	[12067,]	1.156000e+03	0.000000e+00	0	0
##	[12068,]	8.922169e+06	0.000000e+00	0	0
##	[12069,]	1.724741e+07	0.000000e+00	0	0
##	[12070,]	1.944810e+07	0.000000e+00	0	0
##	[12071,]	3.240000e+02	0.000000e+00	0	0
##	[12072,]	9.529569e+06	0.000000e+00	0	0
##	[12073,]	4.900000e+01	0.000000e+00	0	0
##	[12074,]	3.667225e+06	0.000000e+00	0	0
##	[12075,]	3.249000e+03	0.000000e+00	0	0
##	[12076,]	0.000000e+00	0.000000e+00	0	0
##	[12077,]	0.000000e+00	0.000000e+00	0	0
##	[12078,]	0.000000e+00	0.000000e+00	0	0
##	[12079,]	0.000000e+00	0.000000e+00	0	0
##	[12080,]	0.000000e+00	0.000000e+00	0	0
##	[12081,]	2.036329e+06	0.000000e+00	0	0
##	[12082,]	1.050625e+06	0.000000e+00	0	0
##	[12083,]	5.760000e+02	0.000000e+00	0	0
##	[12084,]	0.000000e+00	0.000000e+00	0	0
##	[12085,]	0.000000e+00	0.000000e+00	0	0
##	[12086,]	0.000000e+00	0.000000e+00	0	0
##	[12087,]	0.000000e+00	0.000000e+00	0	0
##	[12088,]	0.000000e+00	0.000000e+00	0	0

##	[12089,]	0.000000e+00	0.000000e+00	0	0
##	[12090,]	3.296766e+08	0.000000e+00	0	0
##	[12091,]	4.564624e+09	0.000000e+00	0	0
##	[12092,]	0.000000e+00	0.000000e+00	0	0
##	[12093,]	1.608010e+05	0.000000e+00	0	0
##	[12094,]	0.000000e+00	0.000000e+00	0	0
##	[12095,]	1.311025e+06	0.000000e+00	0	0
##	[12096,]	3.025000e+05	0.000000e+00	0	0
##	[12097,]	0.000000e+00	0.000000e+00	0	0
##	[12098,]	3.240000e+02	0.000000e+00	0	0
##	[12099,]	0.000000e+00	0.000000e+00	0	0
##	[12100,]	3.841600e+04	0.000000e+00	0	0
##	[12101,]	1.220105e+07	0.000000e+00	0	0
##	[12102,]	4.116506e+07	0.000000e+00	0	0
##	[12103,]	7.056000e+03	0.000000e+00	0	0
##	[12104,]	1.798608e+07	0.000000e+00	0	0
##	[12105,]	3.740356e+06	0.000000e+00	0	0
##	[12106,]	0.000000e+00	0.000000e+00	0	0
##	[12107,]	1.046522e+07	0.000000e+00	0	0
##	[12108,]	3.844000e+03	0.000000e+00	0	0
##	[12109,]	8.611840e+07	0.000000e+00	0	0
##	[12110,]	0.000000e+00	0.000000e+00	0	0
##	[12111,]	7.909031e+08	0.000000e+00	0	0
##	[12112,]	4.410000e+02	0.000000e+00	0	0
##	[12113,]	3.323522e+07	0.000000e+00	0	0
##	[12114,]	0.000000e+00	0.000000e+00	0	0
##	[12115,]	0.000000e+00	0.000000e+00	0	0
##	[12116,]	3.369794e+08	0.000000e+00	0	0
##	[12117,]	1.011240e+07	0.000000e+00	0	0
##	[12118,]	4.000000e+02	0.000000e+00	0	0
##	[12119,]	0.000000e+00	0.000000e+00	0	0
##	[12120,]	0.000000e+00	0.000000e+00	0	0
##	[12121,]	0.000000e+00	0.000000e+00	0	0
##	[12122,]	1.764000e+03	0.000000e+00	0	0
##	[12123,]	0.000000e+00	0.000000e+00	0	0
##	[12124,]	0.000000e+00	0.000000e+00	0	0
##	[12125,]	0.000000e+00	0.000000e+00	0	0
##	[12126,]	0.000000e+00	0.000000e+00	0	0
##	[12127,]	0.000000e+00	0.000000e+00	0	0
##	[12128,]	8.462281e+06	0.000000e+00	0	0
##	[12129,]	4.928040e+05	0.000000e+00	0	0
##	[12130,]	1.024000e+03	0.000000e+00	0	0
##	[12131,]	0.000000e+00	0.000000e+00	0	0
##	[12132,]	0.000000e+00	0.000000e+00	0	0
##	[12133,]	0.000000e+00	0.000000e+00	0	0
##	[12134,]	0.000000e+00	0.000000e+00	0	0
##	[12135,]	0.000000e+00	0.000000e+00	0	0
##	[12136,]	0.000000e+00	0.000000e+00	0	0
##	[12137,]	0.000000e+00	0.000000e+00	0	0
##	[12138,]	0.000000e+00	0.000000e+00	0	0
##	[12139,]	4.566769e+06	0.000000e+00	0	0
##	[12140,]	1.698924e+09	0.000000e+00	0	0
##	[12141,]	3.802422e+10	0.000000e+00	0	0
##	[12142,]	0.000000e+00	0.000000e+00	0	0

##	[12143,]	2.237290e+05	0.000000e+00	0	0
##	[12144,]	2.294410e+05	0.000000e+00	0	0
##	[12145,]	0.000000e+00	0.000000e+00	0	0
##	[12146,]	1.934881e+06	0.000000e+00	0	0
##	[12147,]	0.000000e+00	0.000000e+00	0	0
##	[12148,]	1.079521e+06	0.000000e+00	0	0
##	[12149,]	1.017677e+08	0.000000e+00	0	0
##	[12150,]	8.094025e+06	0.000000e+00	0	0
##	[12151,]	3.706374e+07	0.000000e+00	0	0
##	[12152,]	1.267360e+05	0.000000e+00	0	0
##	[12153,]	2.683044e+06	0.000000e+00	0	0
##	[12154,]	0.000000e+00	0.000000e+00	0	0
##	[12155,]	2.258107e+08	0.000000e+00	0	0
##	[12156,]	6.491525e+07	0.000000e+00	0	0
##	[12157,]	2.958400e+04	0.000000e+00	0	0
##	[12158,]	0.000000e+00	0.000000e+00	0	0
##	[12159,]	4.817147e+08	0.000000e+00	0	0
##	[12160,]	0.000000e+00	0.000000e+00	0	0
##	[12161,]	1.650472e+09	0.000000e+00	0	0
##	[12162,]	3.721000e+03	0.000000e+00	0	0
##	[12163,]	0.000000e+00	0.000000e+00	0	0
##	[12164,]	1.482988e+10	0.000000e+00	0	0
##	[12165,]	9.000000e+02	0.000000e+00	0	0
##	[12166,]	3.915005e+07	0.000000e+00	0	0
##	[12167,]	9.000000e+00	0.000000e+00	0	0
##	[12168,]	0.000000e+00	0.000000e+00	0	0
##	[12169,]	1.296000e+03	0.000000e+00	0	0
##	[12170,]	0.000000e+00	0.000000e+00	0	0
##	[12171,]	0.000000e+00	0.000000e+00	0	0
##	[12172,]	0.000000e+00	0.000000e+00	0	0
##	[12173,]	0.000000e+00	0.000000e+00	0	0
##	[12174,]	0.000000e+00	0.000000e+00	0	0
##	[12175,]	5.760810e+05	0.000000e+00	0	0
##	[12176,]	9.082090e+05	0.000000e+00	0	0
##	[12177,]	0.000000e+00	0.000000e+00	0	0
##	[12178,]	1.242562e+07	0.000000e+00	0	0
##	[12179,]	0.000000e+00	0.000000e+00	0	0
##	[12180,]	0.000000e+00	0.000000e+00	0	0
##	[12181,]	0.000000e+00	0.000000e+00	0	0
##	[12182,]	0.000000e+00	0.000000e+00	0	0
##	[12183,]	0.000000e+00	0.000000e+00	0	0
##	[12184,]	0.000000e+00	0.000000e+00	0	0
##	[12185,]	9.846593e+07	0.000000e+00	0	0
##	[12186,]	0.000000e+00	0.000000e+00	0	0
##	[12187,]	6.969336e+10	0.000000e+00	0	0
##	[12188,]	0.000000e+00	0.000000e+00	0	0
##	[12189,]	1.756950e+08	0.000000e+00	0	0
##	[12190,]	0.000000e+00	0.000000e+00	0	0
##	[12191,]	2.905210e+05	0.000000e+00	0	0
##	[12192,]	3.047040e+05	0.000000e+00	0	0
##	[12193,]	3.418801e+06	0.000000e+00	0	0
##	[12194,]	0.000000e+00	0.000000e+00	0	0
##	[12195,]	3.579664e+06	0.000000e+00	0	0
##	[12196,]	0.000000e+00	0.000000e+00	0	0

##	[12197,]	1.228107e+08	0.000000e+00	0	0
##	[12198,]	3.701506e+07	0.000000e+00	0	0
##	[12199,]	2.907025e+06	0.000000e+00	0	0
##	[12200,]	8.543929e+06	0.000000e+00	0	0
##	[12201,]	8.905697e+07	0.000000e+00	0	0
##	[12202,]	0.000000e+00	0.000000e+00	0	0
##	[12203,]	2.939808e+07	0.000000e+00	0	0
##	[12204,]	4.928400e+04	0.000000e+00	0	0
##	[12205,]	0.000000e+00	0.000000e+00	0	0
##	[12206,]	6.817843e+08	0.000000e+00	0	0
##	[12207,]	2.626701e+10	0.000000e+00	0	0
##	[12208,]	0.000000e+00	0.000000e+00	0	0
##	[12209,]	1.210000e+04	0.000000e+00	0	0
##	[12210,]	8.282884e+06	0.000000e+00	0	0
##	[12211,]	2.856368e+09	0.000000e+00	0	0
##	[12212,]	0.000000e+00	0.000000e+00	0	0
##	[12213,]	2.025000e+03	0.000000e+00	0	0
##	[12214,]	6.496360e+05	0.000000e+00	0	0
##	[12215,]	6.250000e+02	0.000000e+00	0	0
##	[12216,]	0.000000e+00	0.000000e+00	0	0
##	[12217,]	1.600000e+01	0.000000e+00	0	0
##	[12218,]	9.000000e+00	0.000000e+00	0	0
##	[12219,]	0.000000e+00	0.000000e+00	0	0
##	[12220,]	0.000000e+00	0.000000e+00	0	0
##	[12221,]	0.000000e+00	0.000000e+00	0	0
##	[12222,]	0.000000e+00	0.000000e+00	0	0
##	[12223,]	1.176490e+05	0.000000e+00	0	0
##	[12224,]	4.119072e+07	0.000000e+00	0	0
##	[12225,]	0.000000e+00	0.000000e+00	0	0
##	[12226,]	1.100912e+07	0.000000e+00	0	0
##	[12227,]	0.000000e+00	0.000000e+00	0	0
##	[12228,]	0.000000e+00	0.000000e+00	0	0
##	[12229,]	0.000000e+00	0.000000e+00	0	0
##	[12230,]	0.000000e+00	0.000000e+00	0	0
##	[12231,]	1.736972e+09	0.000000e+00	0	0
##	[12232,]	0.000000e+00	0.000000e+00	0	0
##	[12233,]	4.637519e+10	0.000000e+00	0	0
##	[12234,]	0.000000e+00	0.000000e+00	0	0
##	[12235,]	1.995052e+09	0.000000e+00	0	0
##	[12236,]	0.000000e+00	0.000000e+00	0	0
##	[12237,]	0.000000e+00	0.000000e+00	0	0
##	[12238,]	0.000000e+00	0.000000e+00	0	0
##	[12239,]	7.155625e+06	0.000000e+00	0	0
##	[12240,]	0.000000e+00	0.000000e+00	0	0
##	[12241,]	1.014049e+06	0.000000e+00	0	0
##	[12242,]	1.561830e+07	0.000000e+00	0	0
##	[12243,]	2.640625e+08	0.000000e+00	0	0
##	[12244,]	1.178549e+07	0.000000e+00	0	0
##	[12245,]	8.309383e+08	0.000000e+00	0	0
##	[12246,]	0.000000e+00	0.000000e+00	0	0
##	[12247,]	1.286183e+08	0.000000e+00	0	0
##	[12248,]	3.360989e+08	0.000000e+00	0	0
##	[12249,]	0.000000e+00	0.000000e+00	0	0
##	[12250,]	2.958272e+07	0.000000e+00	0	0

##	[12251,]	8.028160e+05	0.000000e+00	0	0
##	[12252,]	6.904282e+08	0.000000e+00	0	0
##	[12253,]	0.000000e+00	0.000000e+00	0	0
##	[12254,]	2.706080e+09	0.000000e+00	0	0
##	[12255,]	1.279681e+10	0.000000e+00	0	0
##	[12256,]	2.215585e+07	0.000000e+00	0	0
##	[12257,]	0.000000e+00	0.000000e+00	0	0
##	[12258,]	3.469210e+05	0.000000e+00	0	0
##	[12259,]	0.000000e+00	0.000000e+00	0	0
##	[12260,]	1.362122e+08	0.000000e+00	0	0
##	[12261,]	1.149210e+05	0.000000e+00	0	0
##	[12262,]	6.642250e+05	0.000000e+00	0	0
##	[12263,]	1.600000e+01	0.000000e+00	0	0
##	[12264,]	4.000000e+00	0.000000e+00	0	0
##	[12265,]	1.988100e+04	0.000000e+00	0	0
##	[12266,]	0.000000e+00	0.000000e+00	0	0
##	[12267,]	0.000000e+00	0.000000e+00	0	0
##	[12268,]	0.000000e+00	0.000000e+00	0	0
##	[12269,]	0.000000e+00	0.000000e+00	0	0
##	[12270,]	0.000000e+00	0.000000e+00	0	0
##	[12271,]	0.000000e+00	0.000000e+00	0	0
##	[12272,]	7.174090e+05	0.000000e+00	0	0
##	[12273,]	6.951132e+08	0.000000e+00	0	0
##	[12274,]	1.286657e+07	0.000000e+00	0	0
##	[12275,]	0.000000e+00	0.000000e+00	0	0
##	[12276,]	0.000000e+00	0.000000e+00	0	0
##	[12277,]	0.000000e+00	0.000000e+00	0	0
##	[12278,]	0.000000e+00	0.000000e+00	0	0
##	[12279,]	8.275541e+07	0.000000e+00	0	0
##	[12280,]	9.885805e+10	0.000000e+00	0	0
##	[12281,]	0.000000e+00	0.000000e+00	0	0
##	[12282,]	0.000000e+00	0.000000e+00	0	0
##	[12283,]	4.667076e+09	0.000000e+00	0	0
##	[12284,]	0.000000e+00	0.000000e+00	0	0
##	[12285,]	0.000000e+00	0.000000e+00	0	0
##	[12286,]	0.000000e+00	0.000000e+00	0	0
##	[12287,]	1.997196e+07	0.000000e+00	0	0
##	[12288,]	1.877489e+07	0.000000e+00	0	0
##	[12289,]	7.290000e+04	0.000000e+00	0	0
##	[12290,]	0.000000e+00	0.000000e+00	0	0
##	[12291,]	2.917264e+06	0.000000e+00	0	0
##	[12292,]	0.000000e+00	0.000000e+00	0	0
##	[12293,]	5.321326e+08	0.000000e+00	0	0
##	[12294,]	1.528497e+09	0.000000e+00	0	0
##	[12295,]	7.268416e+06	0.000000e+00	0	0
##	[12296,]	2.404627e+09	0.000000e+00	0	0
##	[12297,]	2.687304e+08	0.000000e+00	0	0
##	[12298,]	0.000000e+00	0.000000e+00	0	0
##	[12299,]	9.572836e+06	0.000000e+00	0	0
##	[12300,]	0.000000e+00	0.000000e+00	0	0
##	[12301,]	1.449183e+10	0.000000e+00	0	0
##	[12302,]	1.332250e+07	0.000000e+00	0	0
##	[12303,]	1.236744e+10	0.000000e+00	0	0
##	[12304,]	6.461764e+06	0.000000e+00	0	0

##	[12305,]	5.112250e+05	0.000000e+00	0	0
##	[12306,]	0.000000e+00	0.000000e+00	0	0
##	[12307,]	3.908750e+07	0.000000e+00	0	0
##	[12308,]	5.299204e+06	0.000000e+00	0	0
##	[12309,]	0.000000e+00	0.000000e+00	0	0
##	[12310,]	3.769960e+05	0.000000e+00	0	0
##	[12311,]	4.000000e+00	0.000000e+00	0	0
##	[12312,]	2.102500e+04	0.000000e+00	0	0
##	[12313,]	4.900000e+01	0.000000e+00	0	0
##	[12314,]	0.000000e+00	0.000000e+00	0	0
##	[12315,]	0.000000e+00	0.000000e+00	0	0
##	[12316,]	0.000000e+00	0.000000e+00	0	0
##	[12317,]	0.000000e+00	0.000000e+00	0	0
##	[12318,]	0.000000e+00	0.000000e+00	0	0
##	[12319,]	1.017610e+07	0.000000e+00	0	0
##	[12320,]	1.489960e+05	0.000000e+00	0	0
##	[12321,]	7.509792e+08	0.000000e+00	0	0
##	[12322,]	0.000000e+00	0.000000e+00	0	0
##	[12323,]	0.000000e+00	0.000000e+00	0	0
##	[12324,]	0.000000e+00	0.000000e+00	0	0
##	[12325,]	0.000000e+00	0.000000e+00	0	0
##	[12326,]	0.000000e+00	0.000000e+00	0	0
##	[12327,]	7.469453e+09	0.000000e+00	0	0
##	[12328,]	0.000000e+00	0.000000e+00	0	0
##	[12329,]	0.000000e+00	0.000000e+00	0	0
##	[12330,]	2.742005e+08	0.000000e+00	0	0
##	[12331,]	0.000000e+00	0.000000e+00	0	0
##	[12332,]	0.000000e+00	0.000000e+00	0	0
##	[12333,]	9.043432e+10	0.000000e+00	0	0
##	[12334,]	0.000000e+00	0.000000e+00	0	0
##	[12335,]	2.388277e+07	0.000000e+00	0	0
##	[12336,]	1.407000e+07	0.000000e+00	0	0
##	[12337,]	1.102240e+05	0.000000e+00	0	0
##	[12338,]	0.000000e+00	0.000000e+00	0	0
##	[12339,]	1.523497e+09	0.000000e+00	0	0
##	[12340,]	1.728896e+07	0.000000e+00	0	0
##	[12341,]	1.099851e+09	0.000000e+00	0	0
##	[12342,]	0.000000e+00	0.000000e+00	0	0
##	[12343,]	3.132753e+09	0.000000e+00	0	0
##	[12344,]	0.000000e+00	0.000000e+00	0	0
##	[12345,]	1.882384e+08	0.000000e+00	0	0
##	[12346,]	3.049248e+07	0.000000e+00	0	0
##	[12347,]	8.134236e+07	0.000000e+00	0	0
##	[12348,]	3.630062e+07	0.000000e+00	0	0
##	[12349,]	0.000000e+00	0.000000e+00	0	0
##	[12350,]	3.419023e+10	0.000000e+00	0	0
##	[12351,]	1.006410e+08	0.000000e+00	0	0
##	[12352,]	1.156000e+05	0.000000e+00	0	0
##	[12353,]	0.000000e+00	0.000000e+00	0	0
##	[12354,]	3.162351e+08	0.000000e+00	0	0
##	[12355,]	3.312400e+04	0.000000e+00	0	0
##	[12356,]	0.000000e+00	0.000000e+00	0	0
##	[12357,]	1.609614e+07	0.000000e+00	0	0
##	[12358,]	1.182004e+08	0.000000e+00	0	0

##	[12359,]	1.210000e+02	0.000000e+00	0	0
##	[12360,]	0.000000e+00	0.000000e+00	0	0
##	[12361,]	0.000000e+00	0.000000e+00	0	0
##	[12362,]	1.904400e+04	0.000000e+00	0	0
##	[12363,]	0.000000e+00	0.000000e+00	0	0
##	[12364,]	0.000000e+00	0.000000e+00	0	0
##	[12365,]	0.000000e+00	0.000000e+00	0	0
##	[12366,]	0.000000e+00	0.000000e+00	0	0
##	[12367,]	5.769124e+08	0.000000e+00	0	0
##	[12368,]	1.456186e+07	0.000000e+00	0	0
##	[12369,]	0.000000e+00	0.000000e+00	0	0
##	[12370,]	1.354240e+05	0.000000e+00	0	0
##	[12371,]	0.000000e+00	0.000000e+00	0	0
##	[12372,]	0.000000e+00	0.000000e+00	0	0
##	[12373,]	0.000000e+00	0.000000e+00	0	0
##	[12374,]	0.000000e+00	0.000000e+00	0	0
##	[12375,]	1.114058e+11	0.000000e+00	0	0
##	[12376,]	2.731550e+10	0.000000e+00	0	0
##	[12377,]	0.000000e+00	0.000000e+00	0	0
##	[12378,]	0.000000e+00	0.000000e+00	0	0
##	[12379,]	0.000000e+00	0.000000e+00	0	0
##	[12380,]	0.000000e+00	0.000000e+00	0	0
##	[12381,]	0.000000e+00	0.000000e+00	0	0
##	[12382,]	1.169640e+09	0.000000e+00	0	0
##	[12383,]	2.402960e+07	0.000000e+00	0	0
##	[12384,]	2.590810e+05	0.000000e+00	0	0
##	[12385,]	1.528028e+07	0.000000e+00	0	0
##	[12386,]	0.000000e+00	0.000000e+00	0	0
##	[12387,]	5.988298e+08	0.000000e+00	0	0
##	[12388,]	1.419434e+08	0.000000e+00	0	0
##	[12389,]	0.000000e+00	0.000000e+00	0	0
##	[12390,]	2.627485e+09	0.000000e+00	0	0
##	[12391,]	6.059066e+09	0.000000e+00	0	0
##	[12392,]	2.752945e+08	0.000000e+00	0	0
##	[12393,]	2.015264e+08	0.000000e+00	0	0
##	[12394,]	0.000000e+00	0.000000e+00	0	0
##	[12395,]	1.671174e+07	0.000000e+00	0	0
##	[12396,]	4.086462e+08	0.000000e+00	0	0
##	[12397,]	3.556770e+10	0.000000e+00	0	0
##	[12398,]	0.000000e+00	0.000000e+00	0	0
##	[12399,]	4.160250e+05	0.000000e+00	0	0
##	[12400,]	9.746884e+08	0.000000e+00	0	0
##	[12401,]	0.000000e+00	0.000000e+00	0	0
##	[12402,]	8.235562e+07	0.000000e+00	0	0
##	[12403,]	4.937873e+09	0.000000e+00	0	0
##	[12404,]	2.043040e+05	0.000000e+00	0	0
##	[12405,]	0.000000e+00	0.000000e+00	0	0
##	[12406,]	9.597604e+06	0.000000e+00	0	0
##	[12407,]	2.496400e+04	0.000000e+00	0	0
##	[12408,]	1.000000e+00	0.000000e+00	0	0
##	[12409,]	1.000000e+00	0.000000e+00	0	0
##	[12410,]	0.000000e+00	0.000000e+00	0	0
##	[12411,]	0.000000e+00	0.000000e+00	0	0
##	[12412,]	0.000000e+00	0.000000e+00	0	0

##	[12413,]	0.000000e+00	0.000000e+00	0	0
##	[12414,]	0.000000e+00	0.000000e+00	0	0
##	[12415,]	2.444220e+08	0.000000e+00	0	0
##	[12416,]	2.631690e+05	0.000000e+00	0	0
##	[12417,]	2.246760e+07	0.000000e+00	0	0
##	[12418,]	0.000000e+00	0.000000e+00	0	0
##	[12419,]	0.000000e+00	0.000000e+00	0	0
##	[12420,]	0.000000e+00	0.000000e+00	0	0
##	[12421,]	0.000000e+00	0.000000e+00	0	0
##	[12422,]	0.000000e+00	0.000000e+00	0	0
##	[12423,]	0.000000e+00	0.000000e+00	0	0
##	[12424,]	3.198875e+10	0.000000e+00	0	0
##	[12425,]	3.171830e+09	0.000000e+00	0	0
##	[12426,]	0.000000e+00	0.000000e+00	0	0
##	[12427,]	0.000000e+00	0.000000e+00	0	0
##	[12428,]	9.847387e+09	0.000000e+00	0	0
##	[12429,]	0.000000e+00	0.000000e+00	0	0
##	[12430,]	0.000000e+00	0.000000e+00	0	0
##	[12431,]	1.771561e+06	0.000000e+00	0	0
##	[12432,]	1.664100e+06	0.000000e+00	0	0
##	[12433,]	0.000000e+00	0.000000e+00	0	0
##	[12434,]	1.761481e+07	0.000000e+00	0	0
##	[12435,]	7.399440e+07	0.000000e+00	0	0
##	[12436,]	8.372921e+08	0.000000e+00	0	0
##	[12437,]	0.000000e+00	0.000000e+00	0	0
##	[12438,]	2.951206e+09	0.000000e+00	0	0
##	[12439,]	4.217074e+09	0.000000e+00	0	0
##	[12440,]	3.105349e+08	0.000000e+00	0	0
##	[12441,]	0.000000e+00	0.000000e+00	0	0
##	[12442,]	3.274128e+07	0.000000e+00	0	0
##	[12443,]	1.262926e+08	0.000000e+00	0	0
##	[12444,]	2.371300e+09	0.000000e+00	0	0
##	[12445,]	0.000000e+00	0.000000e+00	0	0
##	[12446,]	5.467124e+07	0.000000e+00	0	0
##	[12447,]	0.000000e+00	0.000000e+00	0	0
##	[12448,]	4.569760e+05	0.000000e+00	0	0
##	[12449,]	2.445302e+07	0.000000e+00	0	0
##	[12450,]	6.243502e+08	0.000000e+00	0	0
##	[12451,]	2.242401e+09	0.000000e+00	0	0
##	[12452,]	1.608010e+05	0.000000e+00	0	0
##	[12453,]	3.069504e+06	0.000000e+00	0	0
##	[12454,]	0.000000e+00	0.000000e+00	0	0
##	[12455,]	0.000000e+00	0.000000e+00	0	0
##	[12456,]	1.000000e+00	0.000000e+00	0	0
##	[12457,]	1.299600e+04	0.000000e+00	0	0
##	[12458,]	1.000000e+00	0.000000e+00	0	0
##	[12459,]	0.000000e+00	0.000000e+00	0	0
##	[12460,]	0.000000e+00	0.000000e+00	0	0
##	[12461,]	0.000000e+00	0.000000e+00	0	0
##	[12462,]	0.000000e+00	0.000000e+00	0	0
##	[12463,]	7.420176e+06	0.000000e+00	0	0
##	[12464,]	7.327360e+05	0.000000e+00	0	0
##	[12465,]	1.279493e+07	0.000000e+00	0	0
##	[12466,]	0.000000e+00	0.000000e+00	0	0

##	[12467,]	0.000000e+00	0.000000e+00	0	0
##	[12468,]	0.000000e+00	0.000000e+00	0	0
##	[12469,]	0.000000e+00	0.000000e+00	0	0
##	[12470,]	0.000000e+00	0.000000e+00	0	0
##	[12471,]	0.000000e+00	0.000000e+00	0	0
##	[12472,]	5.414016e+09	0.000000e+00	0	0
##	[12473,]	0.000000e+00	0.000000e+00	0	0
##	[12474,]	0.000000e+00	0.000000e+00	0	0
##	[12475,]	2.557249e+10	0.000000e+00	0	0
##	[12476,]	4.287892e+09	0.000000e+00	0	0
##	[12477,]	0.000000e+00	0.000000e+00	0	0
##	[12478,]	0.000000e+00	0.000000e+00	0	0
##	[12479,]	0.000000e+00	0.000000e+00	0	0
##	[12480,]	7.106490e+05	0.000000e+00	0	0
##	[12481,]	1.755610e+07	0.000000e+00	0	0
##	[12482,]	1.380866e+07	0.000000e+00	0	0
##	[12483,]	0.000000e+00	0.000000e+00	0	0
##	[12484,]	1.877489e+07	0.000000e+00	0	0
##	[12485,]	4.466650e+09	0.000000e+00	0	0
##	[12486,]	2.084379e+09	0.000000e+00	0	0
##	[12487,]	2.195860e+07	0.000000e+00	0	0
##	[12488,]	5.016606e+09	0.000000e+00	0	0
##	[12489,]	2.441406e+08	0.000000e+00	0	0
##	[12490,]	0.000000e+00	0.000000e+00	0	0
##	[12491,]	5.215728e+07	0.000000e+00	0	0
##	[12492,]	2.276477e+08	0.000000e+00	0	0
##	[12493,]	1.178962e+08	0.000000e+00	0	0
##	[12494,]	0.000000e+00	0.000000e+00	0	0
##	[12495,]	6.370576e+06	0.000000e+00	0	0
##	[12496,]	0.000000e+00	0.000000e+00	0	0
##	[12497,]	4.063853e+08	0.000000e+00	0	0
##	[12498,]	3.612010e+05	0.000000e+00	0	0
##	[12499,]	8.556250e+05	0.000000e+00	0	0
##	[12500,]	8.236900e+04	0.000000e+00	0	0
##	[12501,]	6.053076e+08	0.000000e+00	0	0
##	[12502,]	0.000000e+00	0.000000e+00	0	0
##	[12503,]	0.000000e+00	0.000000e+00	0	0
##	[12504,]	1.000000e+02	0.000000e+00	0	0
##	[12505,]	1.345600e+04	0.000000e+00	0	0
##	[12506,]	2.500000e+01	0.000000e+00	0	0
##	[12507,]	0.000000e+00	0.000000e+00	0	0
##	[12508,]	0.000000e+00	0.000000e+00	0	0
##	[12509,]	0.000000e+00	0.000000e+00	0	0
##	[12510,]	0.000000e+00	0.000000e+00	0	0
##	[12511,]	7.354944e+06	0.000000e+00	0	0
##	[12512,]	2.782224e+06	0.000000e+00	0	0
##	[12513,]	0.000000e+00	0.000000e+00	0	0
##	[12514,]	1.058841e+06	0.000000e+00	0	0
##	[12515,]	0.000000e+00	0.000000e+00	0	0
##	[12516,]	0.000000e+00	0.000000e+00	0	0
##	[12517,]	0.000000e+00	0.000000e+00	0	0
##	[12518,]	0.000000e+00	0.000000e+00	0	0
##	[12519,]	2.506805e+09	0.000000e+00	0	0
##	[12520,]	0.000000e+00	0.000000e+00	0	0

##	[12521,]	0.000000e+00	0.000000e+00	0	0
##	[12522,]	9.968425e+09	0.000000e+00	0	0
##	[12523,]	0.000000e+00	0.000000e+00	0	0
##	[12524,]	0.000000e+00	0.000000e+00	0	0
##	[12525,]	0.000000e+00	0.000000e+00	0	0
##	[12526,]	2.198340e+10	0.000000e+00	0	0
##	[12527,]	0.000000e+00	0.000000e+00	0	0
##	[12528,]	3.515625e+06	0.000000e+00	0	0
##	[12529,]	2.404922e+07	0.000000e+00	0	0
##	[12530,]	1.466890e+05	0.000000e+00	0	0
##	[12531,]	5.227290e+07	0.000000e+00	0	0
##	[12532,]	0.000000e+00	0.000000e+00	0	0
##	[12533,]	8.188078e+09	0.000000e+00	0	0
##	[12534,]	6.913744e+08	0.000000e+00	0	0
##	[12535,]	0.000000e+00	0.000000e+00	0	0
##	[12536,]	9.848578e+07	0.000000e+00	0	0
##	[12537,]	2.599834e+08	0.000000e+00	0	0
##	[12538,]	1.358438e+09	0.000000e+00	0	0
##	[12539,]	0.000000e+00	0.000000e+00	0	0
##	[12540,]	9.353811e+08	0.000000e+00	0	0
##	[12541,]	3.038214e+07	0.000000e+00	0	0
##	[12542,]	1.876626e+08	0.000000e+00	0	0
##	[12543,]	1.640493e+09	0.000000e+00	0	0
##	[12544,]	0.000000e+00	0.000000e+00	0	0
##	[12545,]	2.819041e+06	0.000000e+00	0	0
##	[12546,]	2.689600e+04	0.000000e+00	0	0
##	[12547,]	4.108810e+05	0.000000e+00	0	0
##	[12548,]	0.000000e+00	0.000000e+00	0	0
##	[12549,]	9.801000e+03	0.000000e+00	0	0
##	[12550,]	1.258435e+08	0.000000e+00	0	0
##	[12551,]	9.000000e+00	0.000000e+00	0	0
##	[12552,]	0.000000e+00	0.000000e+00	0	0
##	[12553,]	2.528100e+04	0.000000e+00	0	0
##	[12554,]	9.000000e+00	0.000000e+00	0	0
##	[12555,]	0.000000e+00	0.000000e+00	0	0
##	[12556,]	0.000000e+00	0.000000e+00	0	0
##	[12557,]	0.000000e+00	0.000000e+00	0	0
##	[12558,]	0.000000e+00	0.000000e+00	0	0
##	[12559,]	3.969000e+05	0.000000e+00	0	0
##	[12560,]	8.500840e+05	0.000000e+00	0	0
##	[12561,]	5.089536e+06	0.000000e+00	0	0
##	[12562,]	0.000000e+00	0.000000e+00	0	0
##	[12563,]	0.000000e+00	0.000000e+00	0	0
##	[12564,]	0.000000e+00	0.000000e+00	0	0
##	[12565,]	0.000000e+00	0.000000e+00	0	0
##	[12566,]	0.000000e+00	0.000000e+00	0	0
##	[12567,]	1.661598e+11	0.000000e+00	0	0
##	[12568,]	2.981597e+09	0.000000e+00	0	0
##	[12569,]	0.000000e+00	0.000000e+00	0	0
##	[12570,]	5.153445e+10	0.000000e+00	0	0
##	[12571,]	0.000000e+00	0.000000e+00	0	0
##	[12572,]	0.000000e+00	0.000000e+00	0	0
##	[12573,]	0.000000e+00	0.000000e+00	0	0
##	[12574,]	0.000000e+00	0.000000e+00	0	0

##	[12575,]	0.000000e+00	0.000000e+00	0	0
##	[12576,]	5.017600e+04	0.000000e+00	0	0
##	[12577,]	2.510323e+08	0.000000e+00	0	0
##	[12578,]	1.158041e+07	0.000000e+00	0	0
##	[12579,]	3.320486e+10	0.000000e+00	0	0
##	[12580,]	0.000000e+00	0.000000e+00	0	0
##	[12581,]	1.946025e+08	0.000000e+00	0	0
##	[12582,]	2.005248e+09	0.000000e+00	0	0
##	[12583,]	0.000000e+00	0.000000e+00	0	0
##	[12584,]	8.234030e+08	0.000000e+00	0	0
##	[12585,]	2.432462e+07	0.000000e+00	0	0
##	[12586,]	1.697288e+10	0.000000e+00	0	0
##	[12587,]	3.101265e+09	0.000000e+00	0	0
##	[12588,]	0.000000e+00	0.000000e+00	0	0
##	[12589,]	5.638208e+09	0.000000e+00	0	0
##	[12590,]	1.378276e+06	0.000000e+00	0	0
##	[12591,]	8.649481e+06	0.000000e+00	0	0
##	[12592,]	1.504229e+10	0.000000e+00	0	0
##	[12593,]	0.000000e+00	0.000000e+00	0	0
##	[12594,]	4.452100e+04	0.000000e+00	0	0
##	[12595,]	1.567504e+06	0.000000e+00	0	0
##	[12596,]	0.000000e+00	0.000000e+00	0	0
##	[12597,]	1.081600e+04	0.000000e+00	0	0
##	[12598,]	3.372125e+07	0.000000e+00	0	0
##	[12599,]	2.500000e+01	0.000000e+00	0	0
##	[12600,]	0.000000e+00	0.000000e+00	0	0
##	[12601,]	1.000000e+00	0.000000e+00	0	0
##	[12602,]	1.474560e+05	0.000000e+00	0	0
##	[12603,]	0.000000e+00	0.000000e+00	0	0
##	[12604,]	0.000000e+00	0.000000e+00	0	0
##	[12605,]	0.000000e+00	0.000000e+00	0	0
##	[12606,]	0.000000e+00	0.000000e+00	0	0
##	[12607,]	1.069156e+06	0.000000e+00	0	0
##	[12608,]	0.000000e+00	0.000000e+00	0	0
##	[12609,]	4.094720e+07	0.000000e+00	0	0
##	[12610,]	3.540250e+05	0.000000e+00	0	0
##	[12611,]	0.000000e+00	0.000000e+00	0	0
##	[12612,]	0.000000e+00	0.000000e+00	0	0
##	[12613,]	0.000000e+00	0.000000e+00	0	0
##	[12614,]	0.000000e+00	0.000000e+00	0	0
##	[12615,]	2.391384e+10	0.000000e+00	0	0
##	[12616,]	0.000000e+00	0.000000e+00	0	0
##	[12617,]	0.000000e+00	0.000000e+00	0	0
##	[12618,]	0.000000e+00	0.000000e+00	0	0
##	[12619,]	1.828161e+09	0.000000e+00	0	0
##	[12620,]	0.000000e+00	0.000000e+00	0	0
##	[12621,]	1.864616e+11	0.000000e+00	0	0
##	[12622,]	0.000000e+00	0.000000e+00	0	0
##	[12623,]	1.169640e+07	0.000000e+00	0	0
##	[12624,]	6.996554e+08	0.000000e+00	0	0
##	[12625,]	0.000000e+00	0.000000e+00	0	0
##	[12626,]	5.184000e+03	0.000000e+00	0	0
##	[12627,]	1.383691e+09	0.000000e+00	0	0
##	[12628,]	0.000000e+00	0.000000e+00	0	0

##	[12629,]	4.808810e+10	0.000000e+00	0	0
##	[12630,]	3.321506e+08	0.000000e+00	0	0
##	[12631,]	1.990921e+06	0.000000e+00	0	0
##	[12632,]	2.651589e+10	0.000000e+00	0	0
##	[12633,]	0.000000e+00	0.000000e+00	0	0
##	[12634,]	4.325298e+09	0.000000e+00	0	0
##	[12635,]	2.970250e+05	0.000000e+00	0	0
##	[12636,]	0.000000e+00	0.000000e+00	0	0
##	[12637,]	4.095362e+08	0.000000e+00	0	0
##	[12638,]	1.956470e+09	0.000000e+00	0	0
##	[12639,]	1.537600e+04	0.000000e+00	0	0
##	[12640,]	6.019662e+08	0.000000e+00	0	0
##	[12641,]	0.000000e+00	0.000000e+00	0	0
##	[12642,]	4.363921e+06	0.000000e+00	0	0
##	[12643,]	3.481000e+03	0.000000e+00	0	0
##	[12644,]	0.000000e+00	0.000000e+00	0	0
##	[12645,]	3.276100e+06	0.000000e+00	0	0
##	[12646,]	8.244640e+05	0.000000e+00	0	0
##	[12647,]	0.000000e+00	0.000000e+00	0	0
##	[12648,]	1.000000e+00	0.000000e+00	0	0
##	[12649,]	1.210000e+02	0.000000e+00	0	0
##	[12650,]	6.036849e+06	0.000000e+00	0	0
##	[12651,]	0.000000e+00	0.000000e+00	0	0
##	[12652,]	0.000000e+00	0.000000e+00	0	0
##	[12653,]	0.000000e+00	0.000000e+00	0	0
##	[12654,]	0.000000e+00	0.000000e+00	0	0
##	[12655,]	3.131522e+07	0.000000e+00	0	0
##	[12656,]	2.399401e+06	0.000000e+00	0	0
##	[12657,]	0.000000e+00	0.000000e+00	0	0
##	[12658,]	3.147210e+05	0.000000e+00	0	0
##	[12659,]	0.000000e+00	0.000000e+00	0	0
##	[12660,]	0.000000e+00	0.000000e+00	0	0
##	[12661,]	0.000000e+00	0.000000e+00	0	0
##	[12662,]	0.000000e+00	0.000000e+00	0	0
##	[12663,]	0.000000e+00	0.000000e+00	0	0
##	[12664,]	0.000000e+00	0.000000e+00	0	0
##	[12665,]	2.270618e+09	0.000000e+00	0	0
##	[12666,]	0.000000e+00	0.000000e+00	0	0
##	[12667,]	0.000000e+00	0.000000e+00	0	0
##	[12668,]	1.132415e+10	0.000000e+00	0	0
##	[12669,]	2.725874e+11	0.000000e+00	0	0
##	[12670,]	0.000000e+00	0.000000e+00	0	0
##	[12671,]	3.364000e+03	0.000000e+00	0	0
##	[12672,]	3.751073e+09	0.000000e+00	0	0
##	[12673,]	0.000000e+00	0.000000e+00	0	0
##	[12674,]	1.596002e+07	0.000000e+00	0	0
##	[12675,]	3.475987e+08	0.000000e+00	0	0
##	[12676,]	1.778731e+09	0.000000e+00	0	0
##	[12677,]	0.000000e+00	0.000000e+00	0	0
##	[12678,]	1.751590e+11	0.000000e+00	0	0
##	[12679,]	1.747825e+09	0.000000e+00	0	0
##	[12680,]	8.723560e+05	0.000000e+00	0	0
##	[12681,]	1.105696e+09	0.000000e+00	0	0
##	[12682,]	0.000000e+00	0.000000e+00	0	0

##	[12683,]	0.000000e+00	0.000000e+00	0	0
##	[12684,]	1.539699e+09	0.000000e+00	0	0
##	[12685,]	3.947609e+07	0.000000e+00	0	0
##	[12686,]	1.474560e+05	0.000000e+00	0	0
##	[12687,]	0.000000e+00	0.000000e+00	0	0
##	[12688,]	1.488400e+04	0.000000e+00	0	0
##	[12689,]	2.753101e+07	0.000000e+00	0	0
##	[12690,]	3.806401e+06	0.000000e+00	0	0
##	[12691,]	0.000000e+00	0.000000e+00	0	0
##	[12692,]	1.681000e+03	0.000000e+00	0	0
##	[12693,]	7.174090e+05	0.000000e+00	0	0
##	[12694,]	2.016400e+06	0.000000e+00	0	0
##	[12695,]	0.000000e+00	0.000000e+00	0	0
##	[12696,]	4.000000e+00	0.000000e+00	0	0
##	[12697,]	4.626720e+07	0.000000e+00	0	0
##	[12698,]	1.690000e+02	0.000000e+00	0	0
##	[12699,]	0.000000e+00	0.000000e+00	0	0
##	[12700,]	0.000000e+00	0.000000e+00	0	0
##	[12701,]	0.000000e+00	0.000000e+00	0	0
##	[12702,]	0.000000e+00	0.000000e+00	0	0
##	[12703,]	5.461210e+05	0.000000e+00	0	0
##	[12704,]	1.067089e+06	0.000000e+00	0	0
##	[12705,]	5.545781e+07	0.000000e+00	0	0
##	[12706,]	0.000000e+00	0.000000e+00	0	0
##	[12707,]	0.000000e+00	0.000000e+00	0	0
##	[12708,]	0.000000e+00	0.000000e+00	0	0
##	[12709,]	0.000000e+00	0.000000e+00	0	0
##	[12710,]	0.000000e+00	0.000000e+00	0	0
##	[12711,]	0.000000e+00	0.000000e+00	0	0
##	[12712,]	8.396423e+09	0.000000e+00	0	0
##	[12713,]	0.000000e+00	0.000000e+00	0	0
##	[12714,]	2.477212e+11	0.000000e+00	0	0
##	[12715,]	0.000000e+00	0.000000e+00	0	0
##	[12716,]	0.000000e+00	0.000000e+00	0	0
##	[12717,]	6.477534e+08	0.000000e+00	0	0
##	[12718,]	0.000000e+00	0.000000e+00	0	0
##	[12719,]	2.809000e+03	0.000000e+00	0	0
##	[12720,]	0.000000e+00	0.000000e+00	0	0
##	[12721,]	2.388277e+07	0.000000e+00	0	0
##	[12722,]	1.041073e+10	0.000000e+00	0	0
##	[12723,]	1.939335e+08	0.000000e+00	0	0
##	[12724,]	3.890362e+08	0.000000e+00	0	0
##	[12725,]	1.413429e+11	0.000000e+00	0	0
##	[12726,]	0.000000e+00	0.000000e+00	0	0
##	[12727,]	1.439520e+08	0.000000e+00	0	0
##	[12728,]	2.777290e+05	0.000000e+00	0	0
##	[12729,]	0.000000e+00	0.000000e+00	0	0
##	[12730,]	1.241576e+09	0.000000e+00	0	0
##	[12731,]	4.494400e+04	0.000000e+00	0	0
##	[12732,]	0.000000e+00	0.000000e+00	0	0
##	[12733,]	2.266712e+07	0.000000e+00	0	0
##	[12734,]	1.438230e+09	0.000000e+00	0	0
##	[12735,]	6.724000e+03	0.000000e+00	0	0
##	[12736,]	0.000000e+00	0.000000e+00	0	0

##	[12737,]	1.088340e+07	0.000000e+00	0	0
##	[12738,]	3.932289e+06	0.000000e+00	0	0
##	[12739,]	3.610000e+02	0.000000e+00	0	0
##	[12740,]	0.000000e+00	0.000000e+00	0	0
##	[12741,]	9.702250e+05	0.000000e+00	0	0
##	[12742,]	1.425636e+06	0.000000e+00	0	0
##	[12743,]	8.281000e+03	0.000000e+00	0	0
##	[12744,]	1.000000e+00	0.000000e+00	0	0
##	[12745,]	4.817147e+08	0.000000e+00	0	0
##	[12746,]	0.000000e+00	0.000000e+00	0	0
##	[12747,]	0.000000e+00	0.000000e+00	0	0
##	[12748,]	0.000000e+00	0.000000e+00	0	0
##	[12749,]	0.000000e+00	0.000000e+00	0	0
##	[12750,]	0.000000e+00	0.000000e+00	0	0
##	[12751,]	7.079540e+07	0.000000e+00	0	0
##	[12752,]	0.000000e+00	0.000000e+00	0	0
##	[12753,]	1.428840e+05	0.000000e+00	0	0
##	[12754,]	8.686240e+05	0.000000e+00	0	0
##	[12755,]	0.000000e+00	0.000000e+00	0	0
##	[12756,]	0.000000e+00	0.000000e+00	0	0
##	[12757,]	0.000000e+00	0.000000e+00	0	0
##	[12758,]	0.000000e+00	0.000000e+00	0	0
##	[12759,]	0.000000e+00	0.000000e+00	0	0
##	[12760,]	3.686311e+09	0.000000e+00	0	0
##	[12761,]	1.188988e+11	0.000000e+00	0	0
##	[12762,]	0.000000e+00	0.000000e+00	0	0
##	[12763,]	3.586857e+08	0.000000e+00	0	0
##	[12764,]	0.000000e+00	0.000000e+00	0	0
##	[12765,]	0.000000e+00	0.000000e+00	0	0
##	[12766,]	0.000000e+00	0.000000e+00	0	0
##	[12767,]	9.312636e+09	0.000000e+00	0	0
##	[12768,]	1.444000e+03	0.000000e+00	0	0
##	[12769,]	0.000000e+00	0.000000e+00	0	0
##	[12770,]	3.129284e+07	0.000000e+00	0	0
##	[12771,]	3.601265e+08	0.000000e+00	0	0
##	[12772,]	5.502215e+10	0.000000e+00	0	0
##	[12773,]	0.000000e+00	0.000000e+00	0	0
##	[12774,]	1.499155e+08	0.000000e+00	0	0
##	[12775,]	5.643014e+07	0.000000e+00	0	0
##	[12776,]	0.000000e+00	0.000000e+00	0	0
##	[12777,]	9.249506e+08	0.000000e+00	0	0
##	[12778,]	4.395690e+05	0.000000e+00	0	0
##	[12779,]	1.341757e+07	0.000000e+00	0	0
##	[12780,]	7.658000e+07	0.000000e+00	0	0
##	[12781,]	0.000000e+00	0.000000e+00	0	0
##	[12782,]	7.236100e+04	0.000000e+00	0	0
##	[12783,]	3.724900e+06	0.000000e+00	0	0
##	[12784,]	2.982529e+06	0.000000e+00	0	0
##	[12785,]	0.000000e+00	0.000000e+00	0	0
##	[12786,]	1.664100e+04	0.000000e+00	0	0
##	[12787,]	1.600000e+03	0.000000e+00	0	0
##	[12788,]	3.672360e+05	0.000000e+00	0	0
##	[12789,]	7.140250e+05	0.000000e+00	0	0
##	[12790,]	0.000000e+00	0.000000e+00	0	0

##	[12791,]	1.000000e+00	0.000000e+00	0	0
##	[12792,]	8.100000e+01	0.000000e+00	0	0
##	[12793,]	0.000000e+00	0.000000e+00	0	0
##	[12794,]	1.490964e+09	0.000000e+00	0	0
##	[12795,]	0.000000e+00	0.000000e+00	0	0
##	[12796,]	0.000000e+00	0.000000e+00	0	0
##	[12797,]	0.000000e+00	0.000000e+00	0	0
##	[12798,]	0.000000e+00	0.000000e+00	0	0
##	[12799,]	0.000000e+00	0.000000e+00	0	0
##	[12800,]	2.323240e+05	0.000000e+00	0	0
##	[12801,]	4.675824e+07	0.000000e+00	0	0
##	[12802,]	7.840000e+04	0.000000e+00	0	0
##	[12803,]	0.000000e+00	0.000000e+00	0	0
##	[12804,]	0.000000e+00	0.000000e+00	0	0
##	[12805,]	0.000000e+00	0.000000e+00	0	0
##	[12806,]	0.000000e+00	0.000000e+00	0	0
##	[12807,]	0.000000e+00	0.000000e+00	0	0
##	[12808,]	1.280971e+10	0.000000e+00	0	0
##	[12809,]	0.000000e+00	0.000000e+00	0	0
##	[12810,]	0.000000e+00	0.000000e+00	0	0
##	[12811,]	0.000000e+00	0.000000e+00	0	0
##	[12812,]	0.000000e+00	0.000000e+00	0	0
##	[12813,]	1.938499e+08	0.000000e+00	0	0
##	[12814,]	1.820772e+10	0.000000e+00	0	0
##	[12815,]	0.000000e+00	0.000000e+00	0	0
##	[12816,]	2.081184e+07	0.000000e+00	0	0
##	[12817,]	1.764000e+03	0.000000e+00	0	0
##	[12818,]	6.179847e+09	0.000000e+00	0	0
##	[12819,]	1.494905e+09	0.000000e+00	0	0
##	[12820,]	0.000000e+00	0.000000e+00	0	0
##	[12821,]	5.685160e+07	0.000000e+00	0	0
##	[12822,]	2.294506e+09	0.000000e+00	0	0
##	[12823,]	4.154189e+09	0.000000e+00	0	0
##	[12824,]	1.958062e+07	0.000000e+00	0	0
##	[12825,]	0.000000e+00	0.000000e+00	0	0
##	[12826,]	7.208010e+05	0.000000e+00	0	0
##	[12827,]	6.798002e+07	0.000000e+00	0	0
##	[12828,]	2.724840e+05	0.000000e+00	0	0
##	[12829,]	5.958481e+06	0.000000e+00	0	0
##	[12830,]	0.000000e+00	0.000000e+00	0	0
##	[12831,]	1.684804e+06	0.000000e+00	0	0
##	[12832,]	1.239040e+05	0.000000e+00	0	0
##	[12833,]	1.038361e+06	0.000000e+00	0	0
##	[12834,]	0.000000e+00	0.000000e+00	0	0
##	[12835,]	0.000000e+00	0.000000e+00	0	0
##	[12836,]	2.284840e+05	0.000000e+00	0	0
##	[12837,]	9.604000e+03	0.000000e+00	0	0
##	[12838,]	2.894440e+05	0.000000e+00	0	0
##	[12839,]	1.980250e+09	0.000000e+00	0	0
##	[12840,]	4.900000e+01	0.000000e+00	0	0
##	[12841,]	0.000000e+00	0.000000e+00	0	0
##	[12842,]	9.000000e+00	0.000000e+00	0	0
##	[12843,]	0.000000e+00	0.000000e+00	0	0
##	[12844,]	0.000000e+00	0.000000e+00	0	0

##	[12845,]	0.000000e+00	0.000000e+00	0	0
##	[12846,]	0.000000e+00	0.000000e+00	0	0
##	[12847,]	7.096896e+06	0.000000e+00	0	0
##	[12848,]	2.076481e+06	0.000000e+00	0	0
##	[12849,]	0.000000e+00	0.000000e+00	0	0
##	[12850,]	5.760000e+04	0.000000e+00	0	0
##	[12851,]	0.000000e+00	0.000000e+00	0	0
##	[12852,]	0.000000e+00	0.000000e+00	0	0
##	[12853,]	0.000000e+00	0.000000e+00	0	0
##	[12854,]	0.000000e+00	0.000000e+00	0	0
##	[12855,]	9.449784e+07	0.000000e+00	0	0
##	[12856,]	0.000000e+00	0.000000e+00	0	0
##	[12857,]	0.000000e+00	0.000000e+00	0	0
##	[12858,]	5.701760e+07	0.000000e+00	0	0
##	[12859,]	8.485173e+09	0.000000e+00	0	0
##	[12860,]	0.000000e+00	0.000000e+00	0	0
##	[12861,]	0.000000e+00	0.000000e+00	0	0
##	[12862,]	0.000000e+00	0.000000e+00	0	0
##	[12863,]	5.621641e+06	0.000000e+00	0	0
##	[12864,]	7.290000e+02	0.000000e+00	0	0
##	[12865,]	0.000000e+00	0.000000e+00	0	0
##	[12866,]	3.031604e+09	0.000000e+00	0	0
##	[12867,]	8.703680e+08	0.000000e+00	0	0
##	[12868,]	1.885296e+07	0.000000e+00	0	0
##	[12869,]	2.981160e+07	0.000000e+00	0	0
##	[12870,]	0.000000e+00	0.000000e+00	0	0
##	[12871,]	1.918440e+05	0.000000e+00	0	0
##	[12872,]	0.000000e+00	0.000000e+00	0	0
##	[12873,]	1.487645e+07	0.000000e+00	0	0
##	[12874,]	1.089000e+07	0.000000e+00	0	0
##	[12875,]	4.809249e+06	0.000000e+00	0	0
##	[12876,]	3.564090e+05	0.000000e+00	0	0
##	[12877,]	0.000000e+00	0.000000e+00	0	0
##	[12878,]	5.808100e+04	0.000000e+00	0	0
##	[12879,]	0.000000e+00	0.000000e+00	0	0
##	[12880,]	9.940090e+05	0.000000e+00	0	0
##	[12881,]	5.336100e+04	0.000000e+00	0	0
##	[12882,]	1.512900e+04	0.000000e+00	0	0
##	[12883,]	0.000000e+00	0.000000e+00	0	0
##	[12884,]	1.296000e+03	0.000000e+00	0	0
##	[12885,]	1.123600e+04	0.000000e+00	0	0
##	[12886,]	2.560360e+05	0.000000e+00	0	0
##	[12887,]	1.000000e+00	0.000000e+00	0	0
##	[12888,]	8.295749e+09	0.000000e+00	0	0
##	[12889,]	0.000000e+00	0.000000e+00	0	0
##	[12890,]	2.250000e+02	0.000000e+00	0	0
##	[12891,]	0.000000e+00	0.000000e+00	0	0
##	[12892,]	0.000000e+00	0.000000e+00	0	0
##	[12893,]	0.000000e+00	0.000000e+00	0	0
##	[12894,]	0.000000e+00	0.000000e+00	0	0
##	[12895,]	0.000000e+00	0.000000e+00	0	0
##	[12896,]	1.690000e+04	0.000000e+00	0	0
##	[12897,]	1.612900e+04	0.000000e+00	0	0
##	[12898,]	4.080400e+06	0.000000e+00	0	0

##	[12899,]	0.000000e+00	0.000000e+00	0	0
##	[12900,]	0.000000e+00	0.000000e+00	0	0
##	[12901,]	0.000000e+00	0.000000e+00	0	0
##	[12902,]	0.000000e+00	0.000000e+00	0	0
##	[12903,]	0.000000e+00	0.000000e+00	0	0
##	[12904,]	3.620068e+09	0.000000e+00	0	0
##	[12905,]	0.000000e+00	0.000000e+00	0	0
##	[12906,]	3.626448e+07	0.000000e+00	0	0
##	[12907,]	0.000000e+00	0.000000e+00	0	0
##	[12908,]	0.000000e+00	0.000000e+00	0	0
##	[12909,]	1.335172e+07	0.000000e+00	0	0
##	[12910,]	0.000000e+00	0.000000e+00	0	0
##	[12911,]	2.250000e+02	0.000000e+00	0	0
##	[12912,]	0.000000e+00	0.000000e+00	0	0
##	[12913,]	2.007889e+06	0.000000e+00	0	0
##	[12914,]	6.745967e+08	0.000000e+00	0	0
##	[12915,]	6.481098e+08	0.000000e+00	0	0
##	[12916,]	0.000000e+00	0.000000e+00	0	0
##	[12917,]	1.364564e+07	0.000000e+00	0	0
##	[12918,]	2.595321e+06	0.000000e+00	0	0
##	[12919,]	2.152089e+06	0.000000e+00	0	0
##	[12920,]	2.028602e+07	0.000000e+00	0	0
##	[12921,]	0.000000e+00	0.000000e+00	0	0
##	[12922,]	2.819610e+05	0.000000e+00	0	0
##	[12923,]	5.466244e+06	0.000000e+00	0	0
##	[12924,]	0.000000e+00	0.000000e+00	0	0
##	[12925,]	4.326400e+04	0.000000e+00	0	0
##	[12926,]	1.274490e+05	0.000000e+00	0	0
##	[12927,]	1.592644e+06	0.000000e+00	0	0
##	[12928,]	1.768900e+04	0.000000e+00	0	0
##	[12929,]	0.000000e+00	0.000000e+00	0	0
##	[12930,]	1.768900e+04	0.000000e+00	0	0
##	[12931,]	5.041000e+03	0.000000e+00	0	0
##	[12932,]	3.994240e+05	0.000000e+00	0	0
##	[12933,]	1.521000e+03	0.000000e+00	0	0
##	[12934,]	0.000000e+00	0.000000e+00	0	0
##	[12935,]	1.632287e+10	0.000000e+00	0	0
##	[12936,]	0.000000e+00	0.000000e+00	0	0
##	[12937,]	0.000000e+00	0.000000e+00	0	0
##	[12938,]	1.345600e+04	0.000000e+00	0	0
##	[12939,]	0.000000e+00	0.000000e+00	0	0
##	[12940,]	0.000000e+00	0.000000e+00	0	0
##	[12941,]	0.000000e+00	0.000000e+00	0	0
##	[12942,]	0.000000e+00	0.000000e+00	0	0
##	[12943,]	3.326976e+06	0.000000e+00	0	0
##	[12944,]	6.561000e+03	0.000000e+00	0	0
##	[12945,]	1.232100e+04	0.000000e+00	0	0
##	[12946,]	0.000000e+00	0.000000e+00	0	0
##	[12947,]	0.000000e+00	0.000000e+00	0	0
##	[12948,]	0.000000e+00	0.000000e+00	0	0
##	[12949,]	0.000000e+00	0.000000e+00	0	0
##	[12950,]	0.000000e+00	0.000000e+00	0	0
##	[12951,]	5.353849e+07	0.000000e+00	0	0
##	[12952,]	0.000000e+00	0.000000e+00	0	0

##	[12953,]	0.000000e+00	0.000000e+00	0	0
##	[12954,]	6.543364e+06	0.000000e+00	0	0
##	[12955,]	1.247644e+09	0.000000e+00	0	0
##	[12956,]	0.000000e+00	0.000000e+00	0	0
##	[12957,]	0.000000e+00	0.000000e+00	0	0
##	[12958,]	0.000000e+00	0.000000e+00	0	0
##	[12959,]	1.283689e+08	0.000000e+00	0	0
##	[12960,]	2.540836e+06	0.000000e+00	0	0
##	[12961,]	0.000000e+00	0.000000e+00	0	0
##	[12962,]	6.760000e+02	0.000000e+00	0	0
##	[12963,]	1.633284e+06	0.000000e+00	0	0
##	[12964,]	0.000000e+00	0.000000e+00	0	0
##	[12965,]	3.352561e+08	0.000000e+00	0	0
##	[12966,]	2.220294e+07	0.000000e+00	0	0
##	[12967,]	9.579025e+06	0.000000e+00	0	0
##	[12968,]	0.000000e+00	0.000000e+00	0	0
##	[12969,]	3.481000e+05	0.000000e+00	0	0
##	[12970,]	7.123360e+05	0.000000e+00	0	0
##	[12971,]	0.000000e+00	0.000000e+00	0	0
##	[12972,]	2.436721e+06	0.000000e+00	0	0
##	[12973,]	5.522500e+04	0.000000e+00	0	0
##	[12974,]	8.122500e+04	0.000000e+00	0	0
##	[12975,]	1.392400e+04	0.000000e+00	0	0
##	[12976,]	1.081600e+04	0.000000e+00	0	0
##	[12977,]	5.026810e+05	0.000000e+00	0	0
##	[12978,]	0.000000e+00	0.000000e+00	0	0
##	[12979,]	3.249000e+03	0.000000e+00	0	0
##	[12980,]	1.004890e+05	0.000000e+00	0	0
##	[12981,]	1.024000e+03	0.000000e+00	0	0
##	[12982,]	0.000000e+00	0.000000e+00	0	0
##	[12983,]	0.000000e+00	0.000000e+00	0	0
##	[12984,]	5.101531e+09	0.000000e+00	0	0
##	[12985,]	6.656400e+04	0.000000e+00	0	0
##	[12986,]	0.000000e+00	0.000000e+00	0	0
##	[12987,]	0.000000e+00	0.000000e+00	0	0
##	[12988,]	0.000000e+00	0.000000e+00	0	0
##	[12989,]	0.000000e+00	0.000000e+00	0	0
##	[12990,]	0.000000e+00	0.000000e+00	0	0
##	[12991,]	1.081600e+04	0.000000e+00	0	0
##	[12992,]	1.290496e+06	0.000000e+00	0	0
##	[12993,]	4.900000e+03	0.000000e+00	0	0
##	[12994,]	0.000000e+00	0.000000e+00	0	0
##	[12995,]	0.000000e+00	0.000000e+00	0	0
##	[12996,]	0.000000e+00	0.000000e+00	0	0
##	[12997,]	0.000000e+00	0.000000e+00	0	0
##	[12998,]	0.000000e+00	0.000000e+00	0	0
##	[12999,]	0.000000e+00	0.000000e+00	0	0
##	[13000,]	0.000000e+00	0.000000e+00	0	0
##	[13001,]	0.000000e+00	0.000000e+00	0	0
##	[13002,]	0.000000e+00	0.000000e+00	0	0
##	[13003,]	0.000000e+00	0.000000e+00	0	0
##	[13004,]	6.509132e+08	5.664400e+04	0	0
##	[13005,]	3.001944e+07	4.202500e+04	0	0
##	[13006,]	1.207801e+06	0.000000e+00	0	0

##	[13007,]	2.250000e+02	0.000000e+00	0	0
##	[13008,]	0.000000e+00	0.000000e+00	0	0
##	[13009,]	4.967430e+07	1.690000e+02	0	0
##	[13010,]	1.868689e+06	0.000000e+00	0	0
##	[13011,]	1.179236e+07	6.760000e+02	0	0
##	[13012,]	2.165312e+08	3.969000e+03	0	0
##	[13013,]	2.218410e+05	0.000000e+00	0	0
##	[13014,]	0.000000e+00	0.000000e+00	0	0
##	[13015,]	1.747240e+05	7.290000e+02	0	0
##	[13016,]	0.000000e+00	0.000000e+00	0	0
##	[13017,]	1.900960e+05	0.000000e+00	0	0
##	[13018,]	4.289041e+06	2.116000e+03	0	0
##	[13019,]	1.210000e+04	0.000000e+00	0	0
##	[13020,]	2.624400e+04	3.364000e+03	0	0
##	[13021,]	9.940090e+05	2.704000e+03	0	0
##	[13022,]	0.000000e+00	0.000000e+00	0	0
##	[13023,]	2.361960e+05	1.156000e+03	0	0
##	[13024,]	6.084000e+03	1.849000e+03	0	0
##	[13025,]	0.000000e+00	0.000000e+00	0	0
##	[13026,]	2.116000e+03	0.000000e+00	0	0
##	[13027,]	3.841600e+04	9.000000e+02	0	0
##	[13028,]	0.000000e+00	0.000000e+00	0	0
##	[13029,]	4.000000e+02	2.601000e+03	0	0
##	[13030,]	4.410000e+02	0.000000e+00	0	0
##	[13031,]	0.000000e+00	0.000000e+00	0	0
##	[13032,]	6.365024e+08	2.890000e+02	0	0
##	[13033,]	0.000000e+00	0.000000e+00	0	0
##	[13034,]	1.303210e+05	0.000000e+00	0	0
##	[13035,]	0.000000e+00	0.000000e+00	0	0
##	[13036,]	0.000000e+00	0.000000e+00	0	0
##	[13037,]	0.000000e+00	0.000000e+00	0	0
##	[13038,]	0.000000e+00	0.000000e+00	0	0
##	[13039,]	6.855840e+05	4.840000e+02	0	0
##	[13040,]	9.025000e+03	1.000000e+02	0	0
##	[13041,]	0.000000e+00	0.000000e+00	0	0
##	[13042,]	3.610000e+02	0.000000e+00	0	0
##	[13043,]	0.000000e+00	0.000000e+00	0	0
##	[13044,]	0.000000e+00	0.000000e+00	0	0
##	[13045,]	0.000000e+00	0.000000e+00	0	0
##	[13046,]	0.000000e+00	0.000000e+00	0	0
##	[13047,]	0.000000e+00	0.000000e+00	0	0
##	[13048,]	0.000000e+00	0.000000e+00	0	0
##	[13049,]	2.296326e+07	4.251040e+05	0	0
##	[13050,]	0.000000e+00	0.000000e+00	0	0
##	[13051,]	0.000000e+00	0.000000e+00	0	0
##	[13052,]	0.000000e+00	0.000000e+00	0	0
##	[13053,]	5.399117e+08	2.446096e+08	0	0
##	[13054,]	9.525760e+05	0.000000e+00	0	0
##	[13055,]	4.187384e+07	1.849600e+04	0	0
##	[13056,]	6.400000e+01	0.000000e+00	0	0
##	[13057,]	1.218816e+06	4.000000e+00	0	0
##	[13058,]	0.000000e+00	0.000000e+00	0	0
##	[13059,]	1.884580e+08	6.708100e+06	0	0
##	[13060,]	0.000000e+00	0.000000e+00	0	0

##	[13061,]	9.922500e+06	9.409000e+03	0	0
##	[13062,]	1.513210e+05	0.000000e+00	0	0
##	[13063,]	0.000000e+00	0.000000e+00	0	0
##	[13064,]	1.339560e+05	7.569000e+03	0	0
##	[13065,]	1.560250e+05	0.000000e+00	0	0
##	[13066,]	3.038049e+06	8.614225e+06	0	0
##	[13067,]	1.276900e+04	1.299600e+04	0	0
##	[13068,]	8.836000e+03	0.000000e+00	0	0
##	[13069,]	5.595040e+05	1.943046e+07	0	0
##	[13070,]	0.000000e+00	0.000000e+00	0	0
##	[13071,]	1.339560e+05	1.748076e+07	0	0
##	[13072,]	0.000000e+00	0.000000e+00	0	0
##	[13073,]	2.601000e+03	2.992900e+04	0	0
##	[13074,]	3.364000e+03	0.000000e+00	0	0
##	[13075,]	3.240000e+04	1.932100e+06	0	0
##	[13076,]	6.400000e+01	3.204100e+04	0	0
##	[13077,]	0.000000e+00	0.000000e+00	0	0
##	[13078,]	1.024000e+03	0.000000e+00	0	0
##	[13079,]	2.440360e+05	1.000000e+00	0	0
##	[13080,]	0.000000e+00	0.000000e+00	0	0
##	[13081,]	3.455881e+08	6.250000e+02	0	0
##	[13082,]	0.000000e+00	0.000000e+00	0	0
##	[13083,]	0.000000e+00	0.000000e+00	0	0
##	[13084,]	0.000000e+00	0.000000e+00	0	0
##	[13085,]	0.000000e+00	0.000000e+00	0	0
##	[13086,]	0.000000e+00	0.000000e+00	0	0
##	[13087,]	0.000000e+00	0.000000e+00	0	0
##	[13088,]	6.177960e+05	4.057690e+05	0	0
##	[13089,]	8.464000e+03	1.024000e+03	0	0
##	[13090,]	6.760000e+02	0.000000e+00	0	0
##	[13091,]	0.000000e+00	0.000000e+00	0	0
##	[13092,]	0.000000e+00	0.000000e+00	0	0
##	[13093,]	0.000000e+00	0.000000e+00	0	0
##	[13094,]	0.000000e+00	0.000000e+00	0	0
##	[13095,]	0.000000e+00	0.000000e+00	0	0
##	[13096,]	0.000000e+00	0.000000e+00	0	0
##	[13097,]	0.000000e+00	0.000000e+00	0	0
##	[13098,]	6.281038e+08	3.285468e+09	0	0
##	[13099,]	0.000000e+00	0.000000e+00	0	0
##	[13100,]	4.147360e+05	0.000000e+00	0	0
##	[13101,]	7.354944e+06	4.225000e+05	0	0
##	[13102,]	0.000000e+00	0.000000e+00	0	0
##	[13103,]	0.000000e+00	0.000000e+00	0	0
##	[13104,]	3.881290e+05	3.600000e+01	0	0
##	[13105,]	5.211396e+07	1.317690e+05	0	0
##	[13106,]	2.250000e+02	0.000000e+00	0	0
##	[13107,]	0.000000e+00	0.000000e+00	0	0
##	[13108,]	3.073009e+06	7.056000e+03	0	0
##	[13109,]	2.111209e+08	3.800722e+07	0	0
##	[13110,]	7.617600e+04	0.000000e+00	0	0
##	[13111,]	0.000000e+00	0.000000e+00	0	0
##	[13112,]	4.040100e+04	9.025000e+03	0	0
##	[13113,]	3.538161e+06	7.147012e+07	0	0
##	[13114,]	5.475600e+04	0.000000e+00	0	0

##	[13115,]	6.855840e+05	2.074752e+08	0	0
##	[13116,]	5.625000e+03	0.000000e+00	0	0
##	[13117,]	5.776000e+03	2.073600e+04	0	0
##	[13118,]	0.000000e+00	0.000000e+00	0	0
##	[13119,]	1.444000e+03	3.422500e+04	0	0
##	[13120,]	1.089000e+03	0.000000e+00	0	0
##	[13121,]	1.730560e+05	3.108874e+08	0	0
##	[13122,]	0.000000e+00	0.000000e+00	0	0
##	[13123,]	4.410000e+02	1.849600e+04	0	0
##	[13124,]	3.534400e+04	1.061106e+08	0	0
##	[13125,]	1.210000e+02	0.000000e+00	0	0
##	[13126,]	0.000000e+00	0.000000e+00	0	0
##	[13127,]	3.169690e+05	0.000000e+00	0	0
##	[13128,]	4.433551e+08	4.900000e+03	0	0
##	[13129,]	0.000000e+00	0.000000e+00	0	0
##	[13130,]	0.000000e+00	0.000000e+00	0	0
##	[13131,]	0.000000e+00	0.000000e+00	0	0
##	[13132,]	0.000000e+00	0.000000e+00	0	0
##	[13133,]	0.000000e+00	0.000000e+00	0	0
##	[13134,]	0.000000e+00	0.000000e+00	0	0
##	[13135,]	7.005690e+05	3.027600e+06	0	0
##	[13136,]	6.760000e+02	0.000000e+00	0	0
##	[13137,]	0.000000e+00	0.000000e+00	0	0
##	[13138,]	2.401000e+03	5.760000e+02	0	0
##	[13139,]	0.000000e+00	0.000000e+00	0	0
##	[13140,]	0.000000e+00	0.000000e+00	0	0
##	[13141,]	0.000000e+00	0.000000e+00	0	0
##	[13142,]	0.000000e+00	0.000000e+00	0	0
##	[13143,]	0.000000e+00	0.000000e+00	0	0
##	[13144,]	0.000000e+00	0.000000e+00	0	0
##	[13145,]	1.515545e+07	2.719201e+06	0	0
##	[13146,]	0.000000e+00	0.000000e+00	0	0
##	[13147,]	0.000000e+00	0.000000e+00	0	0
##	[13148,]	0.000000e+00	0.000000e+00	0	0
##	[13149,]	5.520150e+08	8.386164e+09	0	0
##	[13150,]	1.616040e+05	0.000000e+00	0	0
##	[13151,]	0.000000e+00	0.000000e+00	0	0
##	[13152,]	1.440000e+02	0.000000e+00	0	0
##	[13153,]	4.480964e+07	3.906250e+05	0	0
##	[13154,]	9.389610e+05	2.500000e+01	0	0
##	[13155,]	6.365529e+06	2.220100e+04	0	0
##	[13156,]	1.823850e+08	9.596162e+07	0	0
##	[13157,]	3.027600e+04	0.000000e+00	0	0
##	[13158,]	0.000000e+00	0.000000e+00	0	0
##	[13159,]	0.000000e+00	0.000000e+00	0	0
##	[13160,]	1.768900e+04	0.000000e+00	0	0
##	[13161,]	3.437316e+06	1.718459e+08	0	0
##	[13162,]	6.969600e+04	3.204100e+04	0	0
##	[13163,]	0.000000e+00	0.000000e+00	0	0
##	[13164,]	7.225000e+05	5.307955e+08	0	0
##	[13165,]	2.304000e+03	0.000000e+00	0	0
##	[13166,]	6.241000e+03	1.332250e+05	0	0
##	[13167,]	0.000000e+00	0.000000e+00	0	0
##	[13168,]	1.600000e+05	6.474989e+08	0	0

##	[13169,]	8.410000e+02	0.000000e+00	0	0
##	[13170,]	1.521000e+03	3.058090e+05	0	0
##	[13171,]	3.686400e+04	3.826327e+08	0	0
##	[13172,]	0.000000e+00	0.000000e+00	0	0
##	[13173,]	3.610000e+02	1.584040e+05	0	0
##	[13174,]	3.600000e+01	0.000000e+00	0	0
##	[13175,]	0.000000e+00	0.000000e+00	0	0
##	[13176,]	2.669956e+08	2.958400e+04	0	0
##	[13177,]	6.872410e+05	0.000000e+00	0	0
##	[13178,]	0.000000e+00	0.000000e+00	0	0
##	[13179,]	0.000000e+00	0.000000e+00	0	0
##	[13180,]	0.000000e+00	0.000000e+00	0	0
##	[13181,]	0.000000e+00	0.000000e+00	0	0
##	[13182,]	0.000000e+00	0.000000e+00	0	0
##	[13183,]	6.400000e+05	8.328996e+06	0	0
##	[13184,]	0.000000e+00	0.000000e+00	0	0
##	[13185,]	4.624000e+03	1.764000e+03	0	0
##	[13186,]	1.000000e+02	0.000000e+00	0	0
##	[13187,]	0.000000e+00	0.000000e+00	0	0
##	[13188,]	0.000000e+00	0.000000e+00	0	0
##	[13189,]	0.000000e+00	0.000000e+00	0	0
##	[13190,]	0.000000e+00	0.000000e+00	0	0
##	[13191,]	1.692601e+06	6.416010e+05	0	0
##	[13192,]	0.000000e+00	0.000000e+00	0	0
##	[13193,]	0.000000e+00	0.000000e+00	0	0
##	[13194,]	0.000000e+00	0.000000e+00	0	0
##	[13195,]	0.000000e+00	0.000000e+00	0	0
##	[13196,]	3.802500e+04	0.000000e+00	0	0
##	[13197,]	0.000000e+00	0.000000e+00	0	0
##	[13198,]	3.196944e+08	1.839767e+10	0	0
##	[13199,]	0.000000e+00	0.000000e+00	0	0
##	[13200,]	1.210000e+02	0.000000e+00	0	0
##	[13201,]	2.545202e+07	4.173160e+05	0	0
##	[13202,]	1.324960e+05	1.600000e+01	0	0
##	[13203,]	9.886325e+07	9.114521e+07	0	0
##	[13204,]	0.000000e+00	0.000000e+00	0	0
##	[13205,]	7.056000e+03	0.000000e+00	0	0
##	[13206,]	6.400000e+05	9.604000e+03	0	0
##	[13207,]	0.000000e+00	0.000000e+00	0	0
##	[13208,]	1.932100e+06	1.360956e+08	0	0
##	[13209,]	8.100000e+03	6.400000e+03	0	0
##	[13210,]	2.601000e+03	0.000000e+00	0	0
##	[13211,]	0.000000e+00	0.000000e+00	0	0
##	[13212,]	1.024000e+03	3.648100e+04	0	0
##	[13213,]	9.610000e+02	0.000000e+00	0	0
##	[13214,]	4.719690e+05	2.828451e+08	0	0
##	[13215,]	0.000000e+00	0.000000e+00	0	0
##	[13216,]	1.210000e+02	0.000000e+00	0	0
##	[13217,]	1.440000e+02	6.502500e+04	0	0
##	[13218,]	1.406250e+05	2.641600e+08	0	0
##	[13219,]	0.000000e+00	0.000000e+00	0	0
##	[13220,]	9.000000e+00	2.992900e+04	0	0
##	[13221,]	1.936000e+05	6.513781e+09	0	0
##	[13222,]	4.900000e+01	0.000000e+00	0	0

##	[13223,]	0.000000e+00	0.000000e+00	0	0
##	[13224,]	9.436180e+07	5.712100e+04	0	0
##	[13225,]	1.451610e+05	4.000000e+00	0	0
##	[13226,]	4.000000e+00	0.000000e+00	0	0
##	[13227,]	0.000000e+00	0.000000e+00	0	0
##	[13228,]	0.000000e+00	0.000000e+00	0	0
##	[13229,]	0.000000e+00	0.000000e+00	0	0
##	[13230,]	0.000000e+00	0.000000e+00	0	0
##	[13231,]	0.000000e+00	0.000000e+00	0	0
##	[13232,]	2.500000e+01	0.000000e+00	0	0
##	[13233,]	4.914010e+05	8.133904e+06	0	0
##	[13234,]	3.610000e+02	6.760000e+02	0	0
##	[13235,]	0.000000e+00	0.000000e+00	0	0
##	[13236,]	0.000000e+00	0.000000e+00	0	0
##	[13237,]	0.000000e+00	0.000000e+00	0	0
##	[13238,]	0.000000e+00	0.000000e+00	0	0
##	[13239,]	0.000000e+00	0.000000e+00	0	0
##	[13240,]	3.422500e+04	0.000000e+00	0	0
##	[13241,]	0.000000e+00	0.000000e+00	0	0
##	[13242,]	0.000000e+00	0.000000e+00	0	0
##	[13243,]	1.887876e+06	2.137444e+06	0	0
##	[13244,]	0.000000e+00	0.000000e+00	0	0
##	[13245,]	0.000000e+00	0.000000e+00	0	0
##	[13246,]	4.056196e+08	1.938165e+10	0	0
##	[13247,]	2.560000e+02	0.000000e+00	0	0
##	[13248,]	1.324960e+05	8.100000e+01	0	0
##	[13249,]	0.000000e+00	0.000000e+00	0	0
##	[13250,]	3.389568e+07	9.486400e+04	0	0
##	[13251,]	0.000000e+00	0.000000e+00	0	0
##	[13252,]	1.192246e+08	1.489188e+07	0	0
##	[13253,]	5.776000e+03	0.000000e+00	0	0
##	[13254,]	7.191040e+05	4.080400e+04	0	0
##	[13255,]	3.136000e+03	0.000000e+00	0	0
##	[13256,]	8.100000e+03	4.410000e+04	0	0
##	[13257,]	0.000000e+00	0.000000e+00	0	0
##	[13258,]	2.689600e+06	2.062976e+07	0	0
##	[13259,]	0.000000e+00	0.000000e+00	0	0
##	[13260,]	8.410000e+02	0.000000e+00	0	0
##	[13261,]	1.600000e+03	9.610000e+04	0	0
##	[13262,]	6.756840e+05	1.007213e+08	0	0
##	[13263,]	9.000000e+00	0.000000e+00	0	0
##	[13264,]	1.927210e+05	3.098304e+08	0	0
##	[13265,]	0.000000e+00	0.000000e+00	0	0
##	[13266,]	4.840000e+02	1.797760e+05	0	0
##	[13267,]	2.500000e+01	0.000000e+00	0	0
##	[13268,]	0.000000e+00	0.000000e+00	0	0
##	[13269,]	1.000000e+02	9.424900e+04	0	0
##	[13270,]	2.480040e+05	1.058244e+10	0	0
##	[13271,]	4.000000e+00	0.000000e+00	0	0
##	[13272,]	0.000000e+00	0.000000e+00	0	0
##	[13273,]	8.317440e+07	1.932100e+04	0	0
##	[13274,]	6.812100e+04	0.000000e+00	0	0
##	[13275,]	0.000000e+00	0.000000e+00	0	0
##	[13276,]	0.000000e+00	0.000000e+00	0	0

##	[13277,]	0.000000e+00	0.000000e+00	0	0
##	[13278,]	0.000000e+00	0.000000e+00	0	0
##	[13279,]	6.512490e+05	2.666689e+06	0	0
##	[13280,]	0.000000e+00	0.000000e+00	0	0
##	[13281,]	6.250000e+02	4.000000e+04	0	0
##	[13282,]	6.400000e+01	0.000000e+00	0	0
##	[13283,]	0.000000e+00	0.000000e+00	0	0
##	[13284,]	0.000000e+00	0.000000e+00	0	0
##	[13285,]	0.000000e+00	0.000000e+00	0	0
##	[13286,]	0.000000e+00	0.000000e+00	0	0
##	[13287,]	3.184797e+08	1.021252e+10	0	0
##	[13288,]	0.000000e+00	0.000000e+00	0	0
##	[13289,]	0.000000e+00	0.000000e+00	0	0
##	[13290,]	0.000000e+00	0.000000e+00	0	0
##	[13291,]	1.876900e+04	0.000000e+00	0	0
##	[13292,]	0.000000e+00	0.000000e+00	0	0
##	[13293,]	0.000000e+00	0.000000e+00	0	0
##	[13294,]	1.852321e+06	4.669921e+06	0	0
##	[13295,]	1.211040e+05	4.900000e+01	0	0
##	[13296,]	2.250000e+02	0.000000e+00	0	0
##	[13297,]	2.133516e+07	3.763600e+04	0	0
##	[13298,]	0.000000e+00	0.000000e+00	0	0
##	[13299,]	9.733796e+07	6.200100e+06	0	0
##	[13300,]	6.872410e+05	1.416100e+04	0	0
##	[13301,]	0.000000e+00	0.000000e+00	0	0
##	[13302,]	4.761000e+03	0.000000e+00	0	0
##	[13303,]	1.345600e+04	1.716100e+04	0	0
##	[13304,]	6.760000e+02	0.000000e+00	0	0
##	[13305,]	2.265025e+06	8.088336e+06	0	0
##	[13306,]	0.000000e+00	0.000000e+00	0	0
##	[13307,]	7.621290e+05	1.868142e+08	0	0
##	[13308,]	0.000000e+00	0.000000e+00	0	0
##	[13309,]	3.240000e+02	0.000000e+00	0	0
##	[13310,]	2.025000e+03	1.444000e+05	0	0
##	[13311,]	0.000000e+00	0.000000e+00	0	0
##	[13312,]	2.401000e+05	8.926949e+08	0	0
##	[13313,]	2.890000e+02	8.317440e+05	0	0
##	[13314,]	2.500000e+01	0.000000e+00	0	0
##	[13315,]	1.600000e+01	0.000000e+00	0	0
##	[13316,]	2.430490e+05	2.702232e+09	0	0
##	[13317,]	3.600000e+01	3.745440e+05	0	0
##	[13318,]	0.000000e+00	0.000000e+00	0	0
##	[13319,]	5.808100e+04	0.000000e+00	0	0
##	[13320,]	0.000000e+00	0.000000e+00	0	0
##	[13321,]	4.048777e+07	5.776000e+03	0	0
##	[13322,]	0.000000e+00	0.000000e+00	0	0
##	[13323,]	0.000000e+00	0.000000e+00	0	0
##	[13324,]	0.000000e+00	0.000000e+00	0	0
##	[13325,]	0.000000e+00	0.000000e+00	0	0
##	[13326,]	0.000000e+00	0.000000e+00	0	0
##	[13327,]	1.225000e+03	3.385600e+04	0	0
##	[13328,]	5.990760e+05	2.295225e+06	0	0
##	[13329,]	0.000000e+00	0.000000e+00	0	0
##	[13330,]	1.000000e+00	0.000000e+00	0	0

##	[13331,]	0.000000e+00	0.000000e+00	0	0
##	[13332,]	0.000000e+00	0.000000e+00	0	0
##	[13333,]	0.000000e+00	0.000000e+00	0	0
##	[13334,]	0.000000e+00	0.000000e+00	0	0
##	[13335,]	1.814409e+06	5.550736e+06	0	0
##	[13336,]	0.000000e+00	0.000000e+00	0	0
##	[13337,]	0.000000e+00	0.000000e+00	0	0
##	[13338,]	0.000000e+00	0.000000e+00	0	0
##	[13339,]	1.188100e+04	0.000000e+00	0	0
##	[13340,]	0.000000e+00	0.000000e+00	0	0
##	[13341,]	0.000000e+00	0.000000e+00	0	0
##	[13342,]	3.390017e+08	1.245947e+10	0	0
##	[13343,]	4.840000e+02	0.000000e+00	0	0
##	[13344,]	0.000000e+00	0.000000e+00	0	0
##	[13345,]	2.384369e+07	7.952400e+04	0	0
##	[13346,]	1.497690e+05	3.600000e+01	0	0
##	[13347,]	1.056990e+08	1.204090e+07	0	0
##	[13348,]	5.882890e+05	7.225000e+03	0	0
##	[13349,]	2.704000e+03	0.000000e+00	0	0
##	[13350,]	0.000000e+00	0.000000e+00	0	0
##	[13351,]	0.000000e+00	0.000000e+00	0	0
##	[13352,]	2.274064e+06	1.394276e+07	0	0
##	[13353,]	1.144900e+04	3.721000e+03	0	0
##	[13354,]	2.890000e+02	0.000000e+00	0	0
##	[13355,]	0.000000e+00	0.000000e+00	0	0
##	[13356,]	1.690000e+02	0.000000e+00	0	0
##	[13357,]	7.779240e+05	3.449192e+08	0	0
##	[13358,]	3.025000e+03	1.346890e+05	0	0
##	[13359,]	2.500000e+01	0.000000e+00	0	0
##	[13360,]	1.892250e+05	1.397264e+09	0	0
##	[13361,]	0.000000e+00	0.000000e+00	0	0
##	[13362,]	4.000000e+02	1.252161e+06	0	0
##	[13363,]	1.210000e+02	5.155240e+05	0	0
##	[13364,]	1.789290e+05	2.321698e+09	0	0
##	[13365,]	0.000000e+00	0.000000e+00	0	0
##	[13366,]	0.000000e+00	0.000000e+00	0	0
##	[13367,]	7.562500e+04	1.000000e+00	0	0
##	[13368,]	4.000000e+00	0.000000e+00	0	0
##	[13369,]	0.000000e+00	0.000000e+00	0	0
##	[13370,]	5.066592e+07	1.299600e+04	0	0
##	[13371,]	0.000000e+00	0.000000e+00	0	0
##	[13372,]	0.000000e+00	0.000000e+00	0	0
##	[13373,]	0.000000e+00	0.000000e+00	0	0
##	[13374,]	0.000000e+00	0.000000e+00	0	0
##	[13375,]	7.849960e+05	4.730625e+06	0	0
##	[13376,]	4.840000e+02	1.600000e+03	0	0
##	[13377,]	0.000000e+00	0.000000e+00	0	0
##	[13378,]	0.000000e+00	0.000000e+00	0	0
##	[13379,]	0.000000e+00	0.000000e+00	0	0
##	[13380,]	0.000000e+00	0.000000e+00	0	0
##	[13381,]	0.000000e+00	0.000000e+00	0	0
##	[13382,]	0.000000e+00	0.000000e+00	0	0
##	[13383,]	0.000000e+00	0.000000e+00	0	0
##	[13384,]	0.000000e+00	0.000000e+00	0	0

##	[13385,]	1.252161e+06	2.725884e+07	0	0
##	[13386,]	4.489000e+03	0.000000e+00	0	0
##	[13387,]	1.797208e+08	6.642739e+09	0	0
##	[13388,]	0.000000e+00	0.000000e+00	0	0
##	[13389,]	0.000000e+00	0.000000e+00	0	0
##	[13390,]	0.000000e+00	0.000000e+00	0	0
##	[13391,]	7.840000e+04	1.690000e+02	0	0
##	[13392,]	1.000000e+02	0.000000e+00	0	0
##	[13393,]	1.278062e+07	4.368100e+04	0	0
##	[13394,]	0.000000e+00	0.000000e+00	0	0
##	[13395,]	1.369000e+03	0.000000e+00	0	0
##	[13396,]	4.610410e+05	1.488400e+04	0	0
##	[13397,]	5.599529e+07	5.022081e+06	0	0
##	[13398,]	0.000000e+00	0.000000e+00	0	0
##	[13399,]	9.604000e+03	1.322500e+04	0	0
##	[13400,]	1.166400e+06	5.139289e+06	0	0
##	[13401,]	0.000000e+00	0.000000e+00	0	0
##	[13402,]	3.600000e+01	0.000000e+00	0	0
##	[13403,]	1.936000e+03	4.610410e+05	0	0
##	[13404,]	0.000000e+00	0.000000e+00	0	0
##	[13405,]	1.210000e+02	0.000000e+00	0	0
##	[13406,]	4.583290e+05	2.581806e+08	0	0
##	[13407,]	0.000000e+00	0.000000e+00	0	0
##	[13408,]	1.000000e+00	0.000000e+00	0	0
##	[13409,]	1.190250e+05	1.328602e+09	0	0
##	[13410,]	1.000000e+02	8.185321e+06	0	0
##	[13411,]	0.000000e+00	0.000000e+00	0	0
##	[13412,]	6.400000e+01	2.047761e+06	0	0
##	[13413,]	6.051600e+04	5.889358e+08	0	0
##	[13414,]	4.000000e+00	0.000000e+00	0	0
##	[13415,]	0.000000e+00	0.000000e+00	0	0
##	[13416,]	1.950989e+07	3.025000e+03	0	0
##	[13417,]	3.027600e+04	1.000000e+00	0	0
##	[13418,]	0.000000e+00	0.000000e+00	0	0
##	[13419,]	0.000000e+00	0.000000e+00	0	0
##	[13420,]	0.000000e+00	0.000000e+00	0	0
##	[13421,]	0.000000e+00	0.000000e+00	0	0
##	[13422,]	0.000000e+00	0.000000e+00	0	0
##	[13423,]	0.000000e+00	0.000000e+00	0	0
##	[13424,]	2.440360e+05	2.601769e+06	0	0
##	[13425,]	2.560000e+02	2.601000e+03	0	0
##	[13426,]	4.000000e+00	0.000000e+00	0	0
##	[13427,]	0.000000e+00	0.000000e+00	0	0
##	[13428,]	0.000000e+00	0.000000e+00	0	0
##	[13429,]	0.000000e+00	0.000000e+00	0	0
##	[13430,]	0.000000e+00	0.000000e+00	0	0
##	[13431,]	0.000000e+00	0.000000e+00	0	0
##	[13432,]	2.022084e+08	1.112898e+10	0	0
##	[13433,]	2.704000e+03	0.000000e+00	0	0
##	[13434,]	0.000000e+00	0.000000e+00	0	0
##	[13435,]	0.000000e+00	0.000000e+00	0	0
##	[13436,]	0.000000e+00	0.000000e+00	0	0
##	[13437,]	0.000000e+00	0.000000e+00	0	0
##	[13438,]	7.413210e+05	9.104976e+07	0	0

##	[13439,]	0.000000e+00	0.000000e+00	0	0
##	[13440,]	1.388308e+07	1.296000e+05	0	0
##	[13441,]	3.600000e+01	0.000000e+00	0	0
##	[13442,]	5.428900e+04	3.721000e+03	0	0
##	[13443,]	0.000000e+00	0.000000e+00	0	0
##	[13444,]	2.116000e+05	1.246090e+05	0	0
##	[13445,]	6.282148e+07	1.802002e+07	0	0
##	[13446,]	1.225000e+03	0.000000e+00	0	0
##	[13447,]	1.505529e+06	1.181297e+07	0	0
##	[13448,]	8.100000e+03	3.348900e+04	0	0
##	[13449,]	0.000000e+00	0.000000e+00	0	0
##	[13450,]	9.000000e+00	0.000000e+00	0	0
##	[13451,]	0.000000e+00	0.000000e+00	0	0
##	[13452,]	2.601000e+03	1.488400e+06	0	0
##	[13453,]	1.600000e+01	0.000000e+00	0	0
##	[13454,]	4.515840e+05	4.157929e+08	0	0
##	[13455,]	0.000000e+00	0.000000e+00	0	0
##	[13456,]	1.428840e+05	2.016190e+09	0	0
##	[13457,]	2.890000e+02	2.699842e+07	0	0
##	[13458,]	9.000000e+00	0.000000e+00	0	0
##	[13459,]	0.000000e+00	0.000000e+00	0	0
##	[13460,]	1.000000e+02	6.395841e+06	0	0
##	[13461,]	8.468100e+04	1.034201e+09	0	0
##	[13462,]	1.000000e+00	0.000000e+00	0	0
##	[13463,]	2.160900e+04	4.000000e+02	0	0
##	[13464,]	0.000000e+00	0.000000e+00	0	0
##	[13465,]	3.290170e+07	5.625000e+03	0	0
##	[13466,]	4.000000e+00	0.000000e+00	0	0
##	[13467,]	0.000000e+00	0.000000e+00	0	0
##	[13468,]	0.000000e+00	0.000000e+00	0	0
##	[13469,]	0.000000e+00	0.000000e+00	0	0
##	[13470,]	0.000000e+00	0.000000e+00	0	0
##	[13471,]	1.000000e+00	0.000000e+00	0	0
##	[13472,]	3.660250e+05	9.891025e+06	0	0
##	[13473,]	0.000000e+00	0.000000e+00	0	0
##	[13474,]	1.690000e+02	1.416100e+04	0	0
##	[13475,]	0.000000e+00	0.000000e+00	0	0
##	[13476,]	0.000000e+00	0.000000e+00	0	0
##	[13477,]	0.000000e+00	0.000000e+00	0	0
##	[13478,]	0.000000e+00	0.000000e+00	0	0
##	[13479,]	0.000000e+00	0.000000e+00	0	0
##	[13480,]	0.000000e+00	0.000000e+00	0	0
##	[13481,]	3.403287e+08	5.935655e+10	0	0
##	[13482,]	0.000000e+00	0.000000e+00	0	0
##	[13483,]	0.000000e+00	0.000000e+00	0	0
##	[13484,]	5.329000e+03	0.000000e+00	0	0
##	[13485,]	1.254400e+06	5.361540e+08	0	0
##	[13486,]	0.000000e+00	0.000000e+00	0	0
##	[13487,]	2.131669e+07	3.648100e+06	0	0
##	[13488,]	7.840000e+04	3.763600e+04	0	0
##	[13489,]	0.000000e+00	0.000000e+00	0	0
##	[13490,]	3.600000e+01	0.000000e+00	0	0
##	[13491,]	0.000000e+00	0.000000e+00	0	0
##	[13492,]	4.816360e+05	4.579600e+06	0	0

##	[13493,]	1.079521e+08	4.505431e+08	0	0
##	[13494,]	2.025000e+03	0.000000e+00	0	0
##	[13495,]	2.595321e+06	1.655082e+08	0	0
##	[13496,]	1.000000e+02	0.000000e+00	0	0
##	[13497,]	5.776000e+03	2.044900e+06	0	0
##	[13498,]	0.000000e+00	0.000000e+00	0	0
##	[13499,]	0.000000e+00	0.000000e+00	0	0
##	[13500,]	1.681000e+03	1.953640e+07	0	0
##	[13501,]	4.900000e+01	0.000000e+00	0	0
##	[13502,]	8.630410e+05	1.691348e+09	0	0
##	[13503,]	0.000000e+00	0.000000e+00	0	0
##	[13504,]	2.500000e+01	0.000000e+00	0	0
##	[13505,]	2.391210e+05	9.021010e+09	0	0
##	[13506,]	2.890000e+02	1.117672e+08	0	0
##	[13507,]	0.000000e+00	0.000000e+00	0	0
##	[13508,]	0.000000e+00	0.000000e+00	0	0
##	[13509,]	1.697440e+05	5.115969e+09	0	0
##	[13510,]	1.440000e+02	1.935120e+07	0	0
##	[13511,]	2.560000e+04	4.900000e+01	0	0
##	[13512,]	0.000000e+00	0.000000e+00	0	0
##	[13513,]	0.000000e+00	0.000000e+00	0	0
##	[13514,]	5.998502e+07	1.960000e+04	0	0
##	[13515,]	0.000000e+00	0.000000e+00	0	0
##	[13516,]	0.000000e+00	0.000000e+00	0	0
##	[13517,]	0.000000e+00	0.000000e+00	0	0
##	[13518,]	0.000000e+00	0.000000e+00	0	0
##	[13519,]	0.000000e+00	0.000000e+00	0	0
##	[13520,]	5.227290e+05	5.455494e+08	0	0
##	[13521,]	1.000000e+00	0.000000e+00	0	0
##	[13522,]	5.760000e+02	5.987809e+06	0	0
##	[13523,]	0.000000e+00	0.000000e+00	0	0
##	[13524,]	0.000000e+00	0.000000e+00	0	0
##	[13525,]	0.000000e+00	0.000000e+00	0	0
##	[13526,]	0.000000e+00	0.000000e+00	0	0
##	[13527,]	0.000000e+00	0.000000e+00	0	0
##	[13528,]	2.116000e+03	0.000000e+00	0	0
##	[13529,]	0.000000e+00	0.000000e+00	0	0
##	[13530,]	0.000000e+00	0.000000e+00	0	0
##	[13531,]	0.000000e+00	0.000000e+00	0	0
##	[13532,]	2.874381e+08	1.374281e+11	0	0
##	[13533,]	1.062961e+06	7.467207e+09	0	0
##	[13534,]	0.000000e+00	0.000000e+00	0	0
##	[13535,]	6.150400e+04	1.600800e+07	0	0
##	[13536,]	0.000000e+00	0.000000e+00	0	0
##	[13537,]	1.657304e+07	6.679793e+07	0	0
##	[13538,]	1.000000e+02	0.000000e+00	0	0
##	[13539,]	7.290000e+02	0.000000e+00	0	0
##	[13540,]	9.318041e+07	4.097920e+09	0	0
##	[13541,]	3.931290e+05	9.169995e+08	0	0
##	[13542,]	0.000000e+00	0.000000e+00	0	0
##	[13543,]	0.000000e+00	0.000000e+00	0	0
##	[13544,]	6.889000e+03	1.908542e+08	0	0
##	[13545,]	3.600000e+01	0.000000e+00	0	0
##	[13546,]	2.316484e+06	1.411430e+09	0	0

##	[13547,]	1.000000e+00	0.000000e+00	0	0
##	[13548,]	2.401000e+03	1.974025e+08	0	0
##	[13549,]	7.482250e+05	4.648376e+09	0	0
##	[13550,]	0.000000e+00	0.000000e+00	0	0
##	[13551,]	4.000000e+00	0.000000e+00	0	0
##	[13552,]	2.250000e+02	3.295314e+08	0	0
##	[13553,]	2.275290e+05	1.968100e+10	0	0
##	[13554,]	0.000000e+00	0.000000e+00	0	0
##	[13555,]	0.000000e+00	0.000000e+00	0	0
##	[13556,]	0.000000e+00	0.000000e+00	0	0
##	[13557,]	1.339560e+05	2.754990e+09	0	0
##	[13558,]	8.100000e+01	3.735654e+07	0	0
##	[13559,]	0.000000e+00	0.000000e+00	0	0
##	[13560,]	0.000000e+00	0.000000e+00	0	0
##	[13561,]	4.842768e+07	4.202500e+04	0	0
##	[13562,]	3.062500e+04	2.116000e+03	0	0
##	[13563,]	0.000000e+00	0.000000e+00	0	0
##	[13564,]	0.000000e+00	0.000000e+00	0	0
##	[13565,]	0.000000e+00	0.000000e+00	0	0
##	[13566,]	0.000000e+00	0.000000e+00	0	0
##	[13567,]	5.760000e+02	1.065957e+09	0	0
##	[13568,]	0.000000e+00	0.000000e+00	0	0
##	[13569,]	4.435560e+05	3.885777e+09	0	0
##	[13570,]	4.000000e+00	0.000000e+00	0	0
##	[13571,]	0.000000e+00	0.000000e+00	0	0
##	[13572,]	0.000000e+00	0.000000e+00	0	0
##	[13573,]	0.000000e+00	0.000000e+00	0	0
##	[13574,]	0.000000e+00	0.000000e+00	0	0
##	[13575,]	0.000000e+00	0.000000e+00	0	0
##	[13576,]	2.313441e+08	2.246409e+11	0	0
##	[13577,]	0.000000e+00	0.000000e+00	0	0
##	[13578,]	0.000000e+00	0.000000e+00	0	0
##	[13579,]	9.610000e+02	0.000000e+00	0	0
##	[13580,]	7.885440e+05	9.149114e+09	0	0
##	[13581,]	0.000000e+00	0.000000e+00	0	0
##	[13582,]	0.000000e+00	0.000000e+00	0	0
##	[13583,]	0.000000e+00	0.000000e+00	0	0
##	[13584,]	4.900000e+01	0.000000e+00	0	0
##	[13585,]	1.275204e+07	2.862864e+08	0	0
##	[13586,]	3.422500e+04	2.805821e+07	0	0
##	[13587,]	2.981160e+05	9.879078e+08	0	0
##	[13588,]	4.840000e+02	0.000000e+00	0	0
##	[13589,]	7.680770e+07	1.096356e+10	0	0
##	[13590,]	0.000000e+00	0.000000e+00	0	0
##	[13591,]	7.225000e+03	3.960498e+08	0	0
##	[13592,]	0.000000e+00	0.000000e+00	0	0
##	[13593,]	1.792921e+06	5.760962e+09	0	0
##	[13594,]	0.000000e+00	0.000000e+00	0	0
##	[13595,]	0.000000e+00	0.000000e+00	0	0
##	[13596,]	1.225000e+03	5.290920e+08	0	0
##	[13597,]	5.852250e+05	1.335735e+10	0	0
##	[13598,]	0.000000e+00	0.000000e+00	0	0
##	[13599,]	5.760000e+02	1.501850e+08	0	0
##	[13600,]	0.000000e+00	0.000000e+00	0	0

##	[13601,]	4.000000e+00	0.000000e+00	0	0
##	[13602,]	2.025000e+05	1.786045e+10	0	0
##	[13603,]	1.690000e+02	1.417522e+07	0	0
##	[13604,]	0.000000e+00	0.000000e+00	0	0
##	[13605,]	1.030410e+05	7.408195e+08	0	0
##	[13606,]	0.000000e+00	0.000000e+00	0	0
##	[13607,]	0.000000e+00	0.000000e+00	0	0
##	[13608,]	0.000000e+00	0.000000e+00	0	0
##	[13609,]	1.876900e+04	7.290000e+02	0	0
##	[13610,]	4.160250e+07	7.672900e+04	0	0
##	[13611,]	0.000000e+00	0.000000e+00	0	0
##	[13612,]	0.000000e+00	0.000000e+00	0	0
##	[13613,]	0.000000e+00	0.000000e+00	0	0
##	[13614,]	0.000000e+00	0.000000e+00	0	0
##	[13615,]	0.000000e+00	0.000000e+00	0	0
##	[13616,]	0.000000e+00	0.000000e+00	0	0
##	[13617,]	4.422250e+05	5.043840e+09	0	0
##	[13618,]	2.560000e+02	5.148361e+08	0	0
##	[13619,]	0.000000e+00	0.000000e+00	0	0
##	[13620,]	0.000000e+00	0.000000e+00	0	0
##	[13621,]	0.000000e+00	0.000000e+00	0	0
##	[13622,]	0.000000e+00	0.000000e+00	0	0
##	[13623,]	0.000000e+00	0.000000e+00	0	0
##	[13624,]	0.000000e+00	0.000000e+00	0	0
##	[13625,]	0.000000e+00	0.000000e+00	0	0
##	[13626,]	4.515840e+05	5.247119e+09	0	0
##	[13627,]	0.000000e+00	0.000000e+00	0	0
##	[13628,]	0.000000e+00	0.000000e+00	0	0
##	[13629,]	2.698792e+08	2.827283e+11	0	0
##	[13630,]	4.000000e+02	0.000000e+00	0	0
##	[13631,]	1.335902e+07	3.617224e+08	0	0
##	[13632,]	2.500000e+01	0.000000e+00	0	0
##	[13633,]	0.000000e+00	0.000000e+00	0	0
##	[13634,]	1.716100e+04	8.497225e+06	0	0
##	[13635,]	8.964302e+07	1.119089e+10	0	0
##	[13636,]	1.440000e+02	0.000000e+00	0	0
##	[13637,]	1.797760e+05	4.082824e+08	0	0
##	[13638,]	0.000000e+00	0.000000e+00	0	0
##	[13639,]	0.000000e+00	0.000000e+00	0	0
##	[13640,]	2.515396e+06	1.437409e+10	0	0
##	[13641,]	2.916000e+03	2.298862e+08	0	0
##	[13642,]	0.000000e+00	0.000000e+00	0	0
##	[13643,]	4.000000e+00	0.000000e+00	0	0
##	[13644,]	7.726410e+05	2.954273e+10	0	0
##	[13645,]	0.000000e+00	0.000000e+00	0	0
##	[13646,]	1.089000e+03	3.341950e+08	0	0
##	[13647,]	1.440000e+02	1.515361e+08	0	0
##	[13648,]	1.000000e+00	0.000000e+00	0	0
##	[13649,]	2.352250e+05	1.016185e+10	0	0
##	[13650,]	0.000000e+00	0.000000e+00	0	0
##	[13651,]	0.000000e+00	0.000000e+00	0	0
##	[13652,]	1.260250e+05	2.055782e+08	0	0
##	[13653,]	3.240000e+02	1.269497e+07	0	0
##	[13654,]	0.000000e+00	0.000000e+00	0	0

##	[13655,]	0.000000e+00	0.000000e+00	0	0
##	[13656,]	4.019560e+07	4.972900e+04	0	0
##	[13657,]	1.512900e+04	2.250000e+02	0	0
##	[13658,]	0.000000e+00	0.000000e+00	0	0
##	[13659,]	0.000000e+00	0.000000e+00	0	0
##	[13660,]	0.000000e+00	0.000000e+00	0	0
##	[13661,]	0.000000e+00	0.000000e+00	0	0
##	[13662,]	0.000000e+00	0.000000e+00	0	0
##	[13663,]	6.674890e+05	1.547006e+09	0	0
##	[13664,]	0.000000e+00	0.000000e+00	0	0
##	[13665,]	2.560000e+02	7.471874e+07	0	0
##	[13666,]	0.000000e+00	0.000000e+00	0	0
##	[13667,]	0.000000e+00	0.000000e+00	0	0
##	[13668,]	0.000000e+00	0.000000e+00	0	0
##	[13669,]	0.000000e+00	0.000000e+00	0	0
##	[13670,]	0.000000e+00	0.000000e+00	0	0
##	[13671,]	0.000000e+00	0.000000e+00	0	0
##	[13672,]	6.760000e+02	0.000000e+00	0	0
##	[13673,]	0.000000e+00	0.000000e+00	0	0
##	[13674,]	1.261129e+06	1.472534e+10	0	0
##	[13675,]	0.000000e+00	0.000000e+00	0	0
##	[13676,]	0.000000e+00	0.000000e+00	0	0
##	[13677,]	0.000000e+00	0.000000e+00	0	0
##	[13678,]	2.534464e+08	3.291042e+11	0	0
##	[13679,]	1.183360e+07	5.176080e+08	0	0
##	[13680,]	2.496400e+04	1.670357e+07	0	0
##	[13681,]	2.500000e+01	0.000000e+00	0	0
##	[13682,]	0.000000e+00	0.000000e+00	0	0
##	[13683,]	8.315616e+07	1.883976e+10	0	0
##	[13684,]	4.900000e+05	1.149278e+09	0	0
##	[13685,]	0.000000e+00	0.000000e+00	0	0
##	[13686,]	2.560000e+02	0.000000e+00	0	0
##	[13687,]	1.664100e+04	1.183910e+09	0	0
##	[13688,]	1.000000e+00	0.000000e+00	0	0
##	[13689,]	2.446096e+06	2.433756e+10	0	0
##	[13690,]	0.000000e+00	0.000000e+00	0	0
##	[13691,]	0.000000e+00	0.000000e+00	0	0
##	[13692,]	1.600000e+01	0.000000e+00	0	0
##	[13693,]	4.900000e+03	1.364859e+09	0	0
##	[13694,]	7.191040e+05	3.812881e+10	0	0
##	[13695,]	0.000000e+00	0.000000e+00	0	0
##	[13696,]	0.000000e+00	0.000000e+00	0	0
##	[13697,]	1.444000e+03	8.770322e+07	0	0
##	[13698,]	2.714410e+05	2.749324e+09	0	0
##	[13699,]	1.831840e+05	9.924144e+07	0	0
##	[13700,]	0.000000e+00	0.000000e+00	0	0
##	[13701,]	7.840000e+02	6.985449e+06	0	0
##	[13702,]	0.000000e+00	0.000000e+00	0	0
##	[13703,]	0.000000e+00	0.000000e+00	0	0
##	[13704,]	2.250000e+04	1.936000e+03	0	0
##	[13705,]	1.000000e+00	0.000000e+00	0	0
##	[13706,]	3.263837e+07	1.466890e+05	0	0
##	[13707,]	0.000000e+00	0.000000e+00	0	0
##	[13708,]	0.000000e+00	0.000000e+00	0	0

##	[13709,]	0.000000e+00	0.000000e+00	0	0
##	[13710,]	0.000000e+00	0.000000e+00	0	0
##	[13711,]	0.000000e+00	0.000000e+00	0	0
##	[13712,]	1.144900e+06	6.330759e+08	0	0
##	[13713,]	4.840000e+02	4.052596e+07	0	0
##	[13714,]	0.000000e+00	0.000000e+00	0	0
##	[13715,]	0.000000e+00	0.000000e+00	0	0
##	[13716,]	0.000000e+00	0.000000e+00	0	0
##	[13717,]	0.000000e+00	0.000000e+00	0	0
##	[13718,]	0.000000e+00	0.000000e+00	0	0
##	[13719,]	0.000000e+00	0.000000e+00	0	0
##	[13720,]	0.000000e+00	0.000000e+00	0	0
##	[13721,]	0.000000e+00	0.000000e+00	0	0
##	[13722,]	0.000000e+00	0.000000e+00	0	0
##	[13723,]	1.871424e+06	1.112356e+11	0	0
##	[13724,]	0.000000e+00	0.000000e+00	0	0
##	[13725,]	7.290000e+02	0.000000e+00	0	0
##	[13726,]	1.149398e+08	8.123583e+10	0	0
##	[13727,]	9.000000e+00	0.000000e+00	0	0
##	[13728,]	5.673924e+06	2.365136e+08	0	0
##	[13729,]	0.000000e+00	0.000000e+00	0	0
##	[13730,]	2.310400e+04	2.148570e+08	0	0
##	[13731,]	0.000000e+00	0.000000e+00	0	0
##	[13732,]	4.000000e+02	0.000000e+00	0	0
##	[13733,]	7.726410e+05	1.923963e+10	0	0
##	[13734,]	3.707592e+07	9.183006e+09	0	0
##	[13735,]	9.000000e+00	0.000000e+00	0	0
##	[13736,]	2.722500e+04	9.596945e+09	0	0
##	[13737,]	9.880360e+05	5.696476e+09	0	0
##	[13738,]	0.000000e+00	0.000000e+00	0	0
##	[13739,]	0.000000e+00	0.000000e+00	0	0
##	[13740,]	1.000000e+00	0.000000e+00	0	0
##	[13741,]	6.400000e+03	5.499557e+09	0	0
##	[13742,]	3.588010e+05	5.210530e+09	0	0
##	[13743,]	0.000000e+00	0.000000e+00	0	0
##	[13744,]	2.601000e+03	3.440996e+07	0	0
##	[13745,]	1.398760e+05	4.718887e+08	0	0
##	[13746,]	0.000000e+00	0.000000e+00	0	0
##	[13747,]	8.008900e+04	1.962490e+07	0	0
##	[13748,]	0.000000e+00	0.000000e+00	0	0
##	[13749,]	1.681000e+03	4.691556e+06	0	0
##	[13750,]	0.000000e+00	0.000000e+00	0	0
##	[13751,]	3.330444e+07	4.356000e+05	0	0
##	[13752,]	3.610000e+04	2.073600e+04	0	0
##	[13753,]	0.000000e+00	0.000000e+00	0	0
##	[13754,]	3.600000e+01	0.000000e+00	0	0
##	[13755,]	0.000000e+00	0.000000e+00	0	0
##	[13756,]	0.000000e+00	0.000000e+00	0	0
##	[13757,]	0.000000e+00	0.000000e+00	0	0
##	[13758,]	0.000000e+00	0.000000e+00	0	0
##	[13759,]	2.116000e+03	5.318785e+07	0	0
##	[13760,]	5.285290e+05	1.059664e+08	0	0
##	[13761,]	1.000000e+00	0.000000e+00	0	0
##	[13762,]	0.000000e+00	0.000000e+00	0	0

##	[13763,]	0.000000e+00	0.000000e+00	0	0
##	[13764,]	0.000000e+00	0.000000e+00	0	0
##	[13765,]	0.000000e+00	0.000000e+00	0	0
##	[13766,]	0.000000e+00	0.000000e+00	0	0
##	[13767,]	0.000000e+00	0.000000e+00	0	0
##	[13768,]	0.000000e+00	0.000000e+00	0	0
##	[13769,]	2.263856e+07	1.030042e+10	0	0
##	[13770,]	0.000000e+00	0.000000e+00	0	0
##	[13771,]	0.000000e+00	0.000000e+00	0	0
##	[13772,]	0.000000e+00	0.000000e+00	0	0
##	[13773,]	5.616900e+04	4.217109e+10	0	0
##	[13774,]	4.900000e+01	0.000000e+00	0	0
##	[13775,]	8.593290e+05	4.637610e+07	0	0
##	[13776,]	4.000000e+00	0.000000e+00	0	0
##	[13777,]	0.000000e+00	0.000000e+00	0	0
##	[13778,]	2.209000e+03	1.887326e+08	0	0
##	[13779,]	7.273809e+06	2.116092e+09	0	0
##	[13780,]	1.904400e+04	8.288464e+09	0	0
##	[13781,]	2.500000e+01	0.000000e+00	0	0
##	[13782,]	0.000000e+00	0.000000e+00	0	0
##	[13783,]	0.000000e+00	0.000000e+00	0	0
##	[13784,]	2.342560e+05	7.401664e+08	0	0
##	[13785,]	0.000000e+00	0.000000e+00	0	0
##	[13786,]	1.960000e+02	4.428503e+09	0	0
##	[13787,]	0.000000e+00	0.000000e+00	0	0
##	[13788,]	0.000000e+00	0.000000e+00	0	0
##	[13789,]	2.890000e+02	9.616821e+08	0	0
##	[13790,]	1.082410e+05	2.522379e+08	0	0
##	[13791,]	1.210000e+02	4.826809e+06	0	0
##	[13792,]	2.924100e+04	1.609614e+07	0	0
##	[13793,]	0.000000e+00	0.000000e+00	0	0
##	[13794,]	0.000000e+00	0.000000e+00	0	0
##	[13795,]	2.250000e+04	2.496400e+06	0	0
##	[13796,]	0.000000e+00	0.000000e+00	0	0
##	[13797,]	0.000000e+00	0.000000e+00	0	0
##	[13798,]	1.000000e+02	6.756840e+05	0	0
##	[13799,]	1.369000e+03	6.889000e+03	0	0
##	[13800,]	0.000000e+00	0.000000e+00	0	0
##	[13801,]	0.000000e+00	0.000000e+00	0	0
##	[13802,]	2.471184e+06	7.840000e+04	0	0
##	[13803,]	0.000000e+00	0.000000e+00	0	0
##	[13804,]	0.000000e+00	0.000000e+00	0	0
##	[13805,]	0.000000e+00	0.000000e+00	0	0
##	[13806,]	0.000000e+00	0.000000e+00	0	0
##	[13807,]	0.000000e+00	0.000000e+00	0	0
##	[13808,]	0.000000e+00	0.000000e+00	0	0
##	[13809,]	8.100000e+01	1.538208e+07	0	0
##	[13810,]	1.253160e+05	7.912969e+06	0	0
##	[13811,]	0.000000e+00	0.000000e+00	0	0
##	[13812,]	0.000000e+00	0.000000e+00	0	0
##	[13813,]	0.000000e+00	0.000000e+00	0	0
##	[13814,]	0.000000e+00	0.000000e+00	0	0
##	[13815,]	0.000000e+00	0.000000e+00	0	0
##	[13816,]	0.000000e+00	0.000000e+00	0	0

##	[13817,]	0.000000e+00	0.000000e+00	0	0
##	[13818,]	1.242556e+08	3.165481e+10	0	0
##	[13819,]	1.440000e+02	0.000000e+00	0	0
##	[13820,]	0.000000e+00	0.000000e+00	0	0
##	[13821,]	2.851560e+05	4.320144e+11	0	0
##	[13822,]	0.000000e+00	0.000000e+00	0	0
##	[13823,]	4.489000e+03	2.170721e+09	0	0
##	[13824,]	5.442889e+06	2.934369e+08	0	0
##	[13825,]	0.000000e+00	0.000000e+00	0	0
##	[13826,]	0.000000e+00	0.000000e+00	0	0
##	[13827,]	1.082410e+05	9.121004e+10	0	0
##	[13828,]	3.911252e+07	8.614439e+09	0	0
##	[13829,]	0.000000e+00	0.000000e+00	0	0
##	[13830,]	1.000000e+02	0.000000e+00	0	0
##	[13831,]	3.364000e+03	4.513458e+10	0	0
##	[13832,]	1.343281e+06	1.363529e+09	0	0
##	[13833,]	0.000000e+00	0.000000e+00	0	0
##	[13834,]	0.000000e+00	0.000000e+00	0	0
##	[13835,]	0.000000e+00	0.000000e+00	0	0
##	[13836,]	1.024000e+03	7.715866e+09	0	0
##	[13837,]	0.000000e+00	0.000000e+00	0	0
##	[13838,]	5.169610e+05	4.935507e+08	0	0
##	[13839,]	4.000000e+00	0.000000e+00	0	0
##	[13840,]	5.290000e+02	4.187384e+07	0	0
##	[13841,]	1.632160e+05	4.467586e+07	0	0
##	[13842,]	0.000000e+00	0.000000e+00	0	0
##	[13843,]	0.000000e+00	0.000000e+00	0	0
##	[13844,]	7.728400e+04	4.613904e+06	0	0
##	[13845,]	6.250000e+02	3.674889e+06	0	0
##	[13846,]	0.000000e+00	0.000000e+00	0	0
##	[13847,]	0.000000e+00	0.000000e+00	0	0
##	[13848,]	1.299600e+04	7.290000e+04	0	0
##	[13849,]	1.508546e+07	3.124810e+05	0	0
##	[13850,]	0.000000e+00	0.000000e+00	0	0
##	[13851,]	0.000000e+00	0.000000e+00	0	0
##	[13852,]	0.000000e+00	0.000000e+00	0	0
##	[13853,]	0.000000e+00	0.000000e+00	0	0
##	[13854,]	0.000000e+00	0.000000e+00	0	0
##	[13855,]	8.410000e+02	1.577285e+08	0	0
##	[13856,]	0.000000e+00	0.000000e+00	0	0
##	[13857,]	5.821690e+05	2.657402e+07	0	0
##	[13858,]	0.000000e+00	0.000000e+00	0	0
##	[13859,]	0.000000e+00	0.000000e+00	0	0
##	[13860,]	0.000000e+00	0.000000e+00	0	0
##	[13861,]	0.000000e+00	0.000000e+00	0	0
##	[13862,]	0.000000e+00	0.000000e+00	0	0
##	[13863,]	0.000000e+00	0.000000e+00	0	0
##	[13864,]	0.000000e+00	0.000000e+00	0	0
##	[13865,]	0.000000e+00	3.844000e+03	0	0
##	[13866,]	8.304677e+07	2.091813e+10	0	0
##	[13867,]	1.210000e+02	0.000000e+00	0	0
##	[13868,]	5.806440e+05	3.114209e+11	0	0
##	[13869,]	0.000000e+00	0.000000e+00	0	0
##	[13870,]	0.000000e+00	0.000000e+00	0	0

##	[13871,]	3.861225e+06	2.720190e+08	0	0
##	[13872,]	0.000000e+00	2.500000e+01	0	0
##	[13873,]	3.364000e+03	3.134992e+09	0	0
##	[13874,]	0.000000e+00	0.000000e+00	0	0
##	[13875,]	0.000000e+00	6.250000e+02	0	0
##	[13876,]	3.600000e+01	0.000000e+00	0	0
##	[13877,]	2.256250e+05	1.368075e+11	0	0
##	[13878,]	2.675993e+07	6.343645e+09	0	0
##	[13879,]	1.276900e+04	1.049354e+10	0	0
##	[13880,]	7.992360e+05	6.632685e+08	0	0
##	[13881,]	0.000000e+00	1.210000e+02	0	0
##	[13882,]	1.600000e+01	0.000000e+00	0	0
##	[13883,]	3.249000e+03	5.857368e+08	0	0
##	[13884,]	0.000000e+00	2.250000e+02	0	0
##	[13885,]	0.000000e+00	0.000000e+00	0	0
##	[13886,]	2.683240e+05	2.525557e+08	0	0
##	[13887,]	9.180900e+04	2.305920e+07	0	0
##	[13888,]	0.000000e+00	2.500000e+01	0	0
##	[13889,]	5.760000e+02	1.654049e+07	0	0
##	[13890,]	1.000000e+00	0.000000e+00	0	0
##	[13891,]	1.225000e+03	2.184484e+06	0	0
##	[13892,]	0.000000e+00	0.000000e+00	0	0
##	[13893,]	6.760000e+04	4.173849e+06	0	0
##	[13894,]	0.000000e+00	1.000000e+00	0	0
##	[13895,]	0.000000e+00	0.000000e+00	0	0
##	[13896,]	0.000000e+00	0.000000e+00	0	0
##	[13897,]	2.280062e+07	4.019560e+05	0	0
##	[13898,]	1.156000e+03	1.142440e+05	0	0
##	[13899,]	0.000000e+00	0.000000e+00	0	0
##	[13900,]	0.000000e+00	0.000000e+00	0	0
##	[13901,]	0.000000e+00	0.000000e+00	0	0
##	[13902,]	0.000000e+00	0.000000e+00	0	0
##	[13903,]	2.777290e+05	2.094893e+07	0	0
##	[13904,]	0.000000e+00	4.000000e+00	0	0
##	[13905,]	0.000000e+00	0.000000e+00	0	0
##	[13906,]	1.936000e+03	1.198149e+08	0	0
##	[13907,]	0.000000e+00	0.000000e+00	0	0
##	[13908,]	0.000000e+00	0.000000e+00	0	0
##	[13909,]	0.000000e+00	0.000000e+00	0	0
##	[13910,]	0.000000e+00	0.000000e+00	0	0
##	[13911,]	0.000000e+00	0.000000e+00	0	0
##	[13912,]	8.100000e+01	0.000000e+00	0	0
##	[13913,]	0.000000e+00	6.250000e+02	0	0
##	[13914,]	0.000000e+00	0.000000e+00	0	0
##	[13915,]	2.737382e+07	6.293725e+09	11449	0
##	[13916,]	0.000000e+00	0.000000e+00	0	0
##	[13917,]	2.937640e+05	1.075086e+11	5929	0
##	[13918,]	0.000000e+00	0.000000e+00	0	0
##	[13919,]	1.373584e+06	2.440781e+08	49	0
##	[13920,]	0.000000e+00	0.000000e+00	0	0
##	[13921,]	0.000000e+00	1.000000e+00	0	0
##	[13922,]	2.704000e+03	3.579988e+09	100	0
##	[13923,]	0.000000e+00	6.400000e+01	0	0
##	[13924,]	8.427409e+06	1.640412e+09	1089	0

##	[13925,]	4.900000e+01	0.000000e+00	0	0
##	[13926,]	9.985600e+04	5.357512e+10	841	0
##	[13927,]	2.621440e+05	1.443122e+08	441	0
##	[13928,]	4.000000e+00	0.000000e+00	0	0
##	[13929,]	0.000000e+00	3.600000e+01	0	0
##	[13930,]	4.624000e+03	6.322710e+08	324	0
##	[13931,]	9.672100e+04	4.974481e+07	441	0
##	[13932,]	0.000000e+00	1.600000e+01	0	0
##	[13933,]	2.916000e+03	7.150394e+07	81	0
##	[13934,]	0.000000e+00	0.000000e+00	0	0
##	[13935,]	0.000000e+00	1.600000e+01	0	0
##	[13936,]	3.802500e+04	8.094025e+06	121	0
##	[13937,]	0.000000e+00	0.000000e+00	0	0
##	[13938,]	7.840000e+02	4.583881e+06	64	0
##	[13939,]	5.760000e+02	7.174090e+05	9	0
##	[13940,]	0.000000e+00	4.000000e+00	0	0
##	[13941,]	1.932100e+04	1.682209e+06	196	0
##	[13942,]	0.000000e+00	0.000000e+00	0	0
##	[13943,]	0.000000e+00	0.000000e+00	0	0
##	[13944,]	5.880625e+06	4.637610e+05	4	0
##	[13945,]	0.000000e+00	0.000000e+00	0	0
##	[13946,]	5.760000e+02	3.504640e+05	0	0
##	[13947,]	0.000000e+00	0.000000e+00	0	0
##	[13948,]	0.000000e+00	0.000000e+00	0	0
##	[13949,]	0.000000e+00	0.000000e+00	0	0
##	[13950,]	0.000000e+00	0.000000e+00	0	0
##	[13951,]	8.584900e+04	6.661561e+06	36	0
##	[13952,]	0.000000e+00	1.000000e+00	0	0
##	[13953,]	4.410000e+02	4.365245e+07	9	0
##	[13954,]	0.000000e+00	0.000000e+00	0	0
##	[13955,]	0.000000e+00	0.000000e+00	0	0
##	[13956,]	0.000000e+00	0.000000e+00	0	0
##	[13957,]	0.000000e+00	0.000000e+00	0	0
##	[13958,]	0.000000e+00	0.000000e+00	0	0
##	[13959,]	3.784710e+07	3.763454e+09	81796	0
##	[13960,]	0.000000e+00	0.000000e+00	0	0
##	[13961,]	0.000000e+00	0.000000e+00	0	0
##	[13962,]	0.000000e+00	1.521000e+03	1	0
##	[13963,]	7.672900e+04	2.854647e+10	18496	0
##	[13964,]	0.000000e+00	0.000000e+00	0	0
##	[13965,]	2.250000e+02	0.000000e+00	0	0
##	[13966,]	0.000000e+00	0.000000e+00	0	0
##	[13967,]	1.904400e+06	2.504623e+08	196	0
##	[13968,]	0.000000e+00	1.000000e+00	0	0
##	[13969,]	4.000000e+00	0.000000e+00	0	0
##	[13970,]	9.000000e+02	3.217272e+09	121	0
##	[13971,]	1.000000e+02	0.000000e+00	0	0
##	[13972,]	2.656900e+04	8.396607e+09	3844	0
##	[13973,]	0.000000e+00	3.240000e+02	1	0
##	[13974,]	1.156680e+07	8.234604e+08	11236	0
##	[13975,]	1.000000e+00	0.000000e+00	0	0
##	[13976,]	0.000000e+00	2.500000e+01	0	0
##	[13977,]	1.521000e+03	1.638912e+08	676	0
##	[13978,]	3.906250e+05	7.276090e+07	2304	0

##	[13979,]	0.000000e+00	4.900000e+01	0	0
##	[13980,]	4.410000e+02	2.705040e+07	225	0
##	[13981,]	1.459240e+05	2.413757e+07	2704	0
##	[13982,]	1.000000e+00	0.000000e+00	0	0
##	[13983,]	0.000000e+00	2.500000e+01	0	0
##	[13984,]	4.708900e+04	5.359225e+06	2025	0
##	[13985,]	1.000000e+00	0.000000e+00	0	0
##	[13986,]	1.960000e+02	3.621409e+06	144	0
##	[13987,]	1.000000e+02	4.858090e+05	100	0
##	[13988,]	0.000000e+00	0.000000e+00	0	0
##	[13989,]	2.160900e+04	1.138489e+06	441	0
##	[13990,]	0.000000e+00	9.000000e+00	0	0
##	[13991,]	0.000000e+00	1.000000e+00	0	0
##	[13992,]	2.500000e+01	0.000000e+00	0	0
##	[13993,]	1.690000e+02	6.416010e+05	1	0
##	[13994,]	1.749800e+08	3.504640e+05	9	0
##	[13995,]	0.000000e+00	0.000000e+00	0	0
##	[13996,]	0.000000e+00	0.000000e+00	0	0
##	[13997,]	0.000000e+00	0.000000e+00	0	0
##	[13998,]	0.000000e+00	0.000000e+00	0	0
##	[13999,]	0.000000e+00	0.000000e+00	0	0
##	[14000,]	8.702500e+04	4.260096e+06	324	0
##	[14001,]	0.000000e+00	0.000000e+00	0	0
##	[14002,]	3.600000e+01	1.451610e+07	169	0
##	[14003,]	0.000000e+00	0.000000e+00	0	0
##	[14004,]	0.000000e+00	0.000000e+00	0	0
##	[14005,]	0.000000e+00	0.000000e+00	0	0
##	[14006,]	0.000000e+00	0.000000e+00	0	0
##	[14007,]	3.811828e+07	2.003905e+09	908209	0
##	[14008,]	2.890000e+02	0.000000e+00	0	0
##	[14009,]	0.000000e+00	0.000000e+00	0	0
##	[14010,]	0.000000e+00	0.000000e+00	0	0
##	[14011,]	3.080250e+05	9.712102e+09	356409	0
##	[14012,]	0.000000e+00	0.000000e+00	0	0
##	[14013,]	0.000000e+00	7.290000e+02	1	0
##	[14014,]	0.000000e+00	0.000000e+00	0	0
##	[14015,]	6.760000e+02	1.208536e+09	225	0
##	[14016,]	2.111209e+06	1.232100e+08	784	0
##	[14017,]	0.000000e+00	0.000000e+00	0	0
##	[14018,]	0.000000e+00	1.000000e+00	0	0
##	[14019,]	1.226400e+07	4.846162e+08	31684	0
##	[14020,]	1.690000e+02	0.000000e+00	0	0
##	[14021,]	1.317690e+05	2.385150e+09	6561	0
##	[14022,]	0.000000e+00	2.890000e+02	1	0
##	[14023,]	4.000000e+00	0.000000e+00	0	0
##	[14024,]	0.000000e+00	6.400000e+01	0	0
##	[14025,]	3.203560e+05	3.560509e+07	32041	0
##	[14026,]	5.041000e+03	8.306500e+07	9409	0
##	[14027,]	1.000000e+00	0.000000e+00	0	0
##	[14028,]	0.000000e+00	0.000000e+00	0	0
##	[14029,]	2.500000e+03	1.566576e+07	38809	0
##	[14030,]	1.260250e+05	1.187492e+07	76729	0
##	[14031,]	0.000000e+00	0.000000e+00	0	0
##	[14032,]	3.027600e+04	2.421136e+06	52441	0

##	[14033,]	1.000000e+00	0.000000e+00	0	0
##	[14034,]	5.760000e+02	1.838736e+06	29241	0
##	[14035,]	0.000000e+00	1.000000e+00	0	0
##	[14036,]	1.537600e+04	4.651240e+05	3844	0
##	[14037,]	0.000000e+00	0.000000e+00	0	0
##	[14038,]	4.410000e+02	2.704000e+05	1296	0
##	[14039,]	6.250000e+02	7.174090e+05	0	0
##	[14040,]	1.990141e+09	5.685160e+05	9	0
##	[14041,]	0.000000e+00	0.000000e+00	0	0
##	[14042,]	0.000000e+00	0.000000e+00	0	0
##	[14043,]	0.000000e+00	0.000000e+00	0	0
##	[14044,]	0.000000e+00	0.000000e+00	0	0
##	[14045,]	0.000000e+00	0.000000e+00	0	0
##	[14046,]	0.000000e+00	0.000000e+00	0	0
##	[14047,]	6.708100e+04	3.407716e+06	2025	0
##	[14048,]	1.000000e+00	0.000000e+00	0	0
##	[14049,]	0.000000e+00	1.000000e+00	0	0
##	[14050,]	3.610000e+02	5.904900e+06	441	0
##	[14051,]	0.000000e+00	0.000000e+00	0	0
##	[14052,]	0.000000e+00	0.000000e+00	0	0
##	[14053,]	0.000000e+00	0.000000e+00	0	0
##	[14054,]	0.000000e+00	0.000000e+00	0	0
##	[14055,]	0.000000e+00	1.440000e+02	0	0
##	[14056,]	0.000000e+00	0.000000e+00	0	0
##	[14057,]	6.400000e+01	0.000000e+00	0	0
##	[14058,]	2.789952e+07	1.917652e+09	311910921	0
##	[14059,]	0.000000e+00	0.000000e+00	0	0
##	[14060,]	0.000000e+00	0.000000e+00	0	0
##	[14061,]	1.413760e+05	2.715348e+09	12138256	0
##	[14062,]	0.000000e+00	0.000000e+00	0	0
##	[14063,]	6.250000e+02	3.263081e+08	576	0
##	[14064,]	0.000000e+00	0.000000e+00	0	0
##	[14065,]	1.466521e+06	9.753538e+07	17161	0
##	[14066,]	1.000000e+00	0.000000e+00	0	0
##	[14067,]	0.000000e+00	4.900000e+01	0	0
##	[14068,]	9.024016e+06	5.571016e+08	4717584	0
##	[14069,]	2.500000e+01	0.000000e+00	0	0
##	[14070,]	5.808100e+04	7.099027e+08	248004	0
##	[14071,]	2.916000e+03	2.170628e+07	358801	0
##	[14072,]	0.000000e+00	0.000000e+00	0	0
##	[14073,]	2.237290e+05	2.919241e+07	9753129	0
##	[14074,]	0.000000e+00	9.000000e+00	0	0
##	[14075,]	9.672100e+04	8.473921e+06	31505769	0
##	[14076,]	7.290000e+02	3.526884e+06	1032256	0
##	[14077,]	1.000000e+00	0.000000e+00	0	0
##	[14078,]	0.000000e+00	4.000000e+00	0	0
##	[14079,]	3.240000e+02	3.943840e+05	1030225	0
##	[14080,]	0.000000e+00	0.000000e+00	0	0
##	[14081,]	2.822400e+04	1.825201e+06	26409321	0
##	[14082,]	1.000000e+00	0.000000e+00	0	0
##	[14083,]	0.000000e+00	0.000000e+00	0	0
##	[14084,]	1.322500e+04	4.186090e+05	2199289	0
##	[14085,]	0.000000e+00	0.000000e+00	0	0
##	[14086,]	1.210000e+02	5.569600e+04	110224	0

##	[14087,]	1.000000e+02	6.740410e+05	1	0
##	[14088,]	0.000000e+00	1.000000e+00	0	0
##	[14089,]	3.882536e+09	1.674692e+09	1156	0
##	[14090,]	4.000000e+00	0.000000e+00	0	0
##	[14091,]	0.000000e+00	0.000000e+00	0	0
##	[14092,]	0.000000e+00	0.000000e+00	0	0
##	[14093,]	0.000000e+00	0.000000e+00	0	0
##	[14094,]	0.000000e+00	0.000000e+00	0	0
##	[14095,]	0.000000e+00	1.000000e+00	0	0
##	[14096,]	3.240000e+02	1.806336e+06	2304	0
##	[14097,]	0.000000e+00	0.000000e+00	0	0
##	[14098,]	5.616900e+04	3.400336e+06	96721	0
##	[14099,]	0.000000e+00	0.000000e+00	0	0
##	[14100,]	0.000000e+00	0.000000e+00	0	0
##	[14101,]	0.000000e+00	0.000000e+00	0	0
##	[14102,]	0.000000e+00	0.000000e+00	0	0
##	[14103,]	3.600000e+01	0.000000e+00	0	0
##	[14104,]	1.929845e+07	2.012958e+09	1264584721	0
##	[14105,]	0.000000e+00	0.000000e+00	0	0
##	[14106,]	0.000000e+00	0.000000e+00	0	0
##	[14107,]	0.000000e+00	4.840000e+02	0	0
##	[14108,]	0.000000e+00	0.000000e+00	0	0
##	[14109,]	4.452100e+04	6.395841e+08	13476241	0
##	[14110,]	0.000000e+00	0.000000e+00	0	0
##	[14111,]	0.000000e+00	0.000000e+00	0	0
##	[14112,]	1.075369e+06	1.110494e+08	37249	0
##	[14113,]	0.000000e+00	0.000000e+00	0	0
##	[14114,]	9.000000e+00	4.816360e+07	625	0
##	[14115,]	1.988100e+04	2.081672e+08	160801	0
##	[14116,]	0.000000e+00	3.600000e+01	0	0
##	[14117,]	4.000000e+00	0.000000e+00	0	0
##	[14118,]	6.081156e+06	6.213553e+08	12075625	0
##	[14119,]	4.000000e+00	0.000000e+00	0	0
##	[14120,]	1.600000e+05	2.540160e+07	29127609	0
##	[14121,]	0.000000e+00	2.500000e+01	0	0
##	[14122,]	1.089000e+03	5.992704e+06	320356	0
##	[14123,]	6.250000e+04	6.775609e+06	96491329	0
##	[14124,]	0.000000e+00	0.000000e+00	0	0
##	[14125,]	4.410000e+02	9.880360e+05	1044484	0
##	[14126,]	0.000000e+00	4.900000e+01	0	0
##	[14127,]	1.960000e+04	1.387684e+06	126990361	0
##	[14128,]	1.000000e+00	0.000000e+00	0	0
##	[14129,]	4.900000e+01	1.149210e+05	1357225	0
##	[14130,]	0.000000e+00	9.000000e+00	0	0
##	[14131,]	0.000000e+00	1.000000e+00	0	0
##	[14132,]	3.600000e+01	1.988100e+04	242064	0
##	[14133,]	1.000000e+00	0.000000e+00	0	0
##	[14134,]	1.000000e+04	3.364000e+05	29203216	0
##	[14135,]	0.000000e+00	0.000000e+00	0	0
##	[14136,]	2.187901e+09	7.790797e+08	6400	0
##	[14137,]	0.000000e+00	1.000000e+00	0	0
##	[14138,]	1.600000e+01	2.180890e+05	4	0
##	[14139,]	0.000000e+00	0.000000e+00	0	0
##	[14140,]	0.000000e+00	0.000000e+00	0	0

##	[14141,]	0.000000e+00	0.000000e+00	0	0
##	[14142,]	0.000000e+00	0.000000e+00	0	0
##	[14143,]	0.000000e+00	0.000000e+00	0	0
##	[14144,]	2.500000e+01	4.844160e+05	3136	0
##	[14145,]	0.000000e+00	0.000000e+00	0	0
##	[14146,]	2.958400e+04	2.712609e+06	434281	0
##	[14147,]	0.000000e+00	0.000000e+00	0	0
##	[14148,]	0.000000e+00	0.000000e+00	0	0
##	[14149,]	0.000000e+00	0.000000e+00	0	0
##	[14150,]	0.000000e+00	0.000000e+00	0	0
##	[14151,]	0.000000e+00	3.610000e+02	16	0
##	[14152,]	0.000000e+00	0.000000e+00	0	0
##	[14153,]	0.000000e+00	0.000000e+00	0	0
##	[14154,]	1.264514e+07	2.062250e+09	5808573796	0
##	[14155,]	1.600000e+01	0.000000e+00	0	0
##	[14156,]	4.326400e+04	2.241907e+08	12138256	0
##	[14157,]	0.000000e+00	0.000000e+00	0	0
##	[14158,]	0.000000e+00	0.000000e+00	0	0
##	[14159,]	0.000000e+00	4.000000e+00	0	0
##	[14160,]	7.586410e+05	1.195524e+08	290521	0
##	[14161,]	2.560000e+02	1.470722e+07	529	0
##	[14162,]	0.000000e+00	0.000000e+00	0	0
##	[14163,]	9.000000e+00	0.000000e+00	0	0
##	[14164,]	3.825936e+06	6.244501e+08	65918161	0
##	[14165,]	0.000000e+00	6.400000e+01	1	0
##	[14166,]	1.768900e+04	7.148702e+07	134689	0
##	[14167,]	0.000000e+00	0.000000e+00	0	0
##	[14168,]	1.011240e+05	2.652250e+07	158760000	0
##	[14169,]	1.225000e+03	2.540836e+06	240100	0
##	[14170,]	0.000000e+00	1.600000e+01	0	0
##	[14171,]	0.000000e+00	4.000000e+00	4	0
##	[14172,]	1.000000e+02	5.461210e+05	988036	0
##	[14173,]	3.534400e+04	7.086244e+06	422631364	0
##	[14174,]	1.000000e+00	0.000000e+00	0	0
##	[14175,]	0.000000e+00	9.000000e+00	0	0
##	[14176,]	6.400000e+01	7.398400e+04	1140624	0
##	[14177,]	0.000000e+00	0.000000e+00	0	0
##	[14178,]	1.849600e+04	1.274641e+06	495018001	0
##	[14179,]	3.600000e+01	6.084000e+03	293764	0
##	[14180,]	0.000000e+00	0.000000e+00	0	0
##	[14181,]	7.569000e+03	3.003040e+05	147598201	0
##	[14182,]	0.000000e+00	0.000000e+00	1	0
##	[14183,]	1.000000e+00	0.000000e+00	0	0
##	[14184,]	7.541614e+08	3.254777e+08	33856	0
##	[14185,]	0.000000e+00	0.000000e+00	0	0
##	[14186,]	4.000000e+00	5.336100e+04	0	0
##	[14187,]	0.000000e+00	0.000000e+00	0	0
##	[14188,]	0.000000e+00	0.000000e+00	0	0
##	[14189,]	0.000000e+00	0.000000e+00	0	0
##	[14190,]	0.000000e+00	0.000000e+00	0	0
##	[14191,]	0.000000e+00	9.000000e+00	0	0
##	[14192,]	0.000000e+00	0.000000e+00	0	0
##	[14193,]	3.600000e+01	1.730560e+05	1849	0
##	[14194,]	1.562500e+04	2.556801e+06	2601769	0

##	[14195,]	0.000000e+00	0.000000e+00	0	0
##	[14196,]	0.000000e+00	0.000000e+00	0	0
##	[14197,]	0.000000e+00	0.000000e+00	0	0
##	[14198,]	0.000000e+00	0.000000e+00	0	0
##	[14199,]	0.000000e+00	0.000000e+00	0	0
##	[14200,]	0.000000e+00	0.000000e+00	0	0
##	[14201,]	4.840000e+06	3.198375e+08	272217001	0
##	[14202,]	0.000000e+00	8.100000e+01	0	0
##	[14203,]	0.000000e+00	0.000000e+00	0	0
##	[14204,]	1.600000e+01	0.000000e+00	0	0
##	[14205,]	0.000000e+00	1.960000e+02	0	0
##	[14206,]	1.102500e+04	2.230673e+07	1205604	0
##	[14207,]	0.000000e+00	0.000000e+00	0	0
##	[14208,]	1.000000e+00	0.000000e+00	0	0
##	[14209,]	3.036010e+05	1.949222e+07	112225	0
##	[14210,]	3.600000e+01	1.181569e+06	289	0
##	[14211,]	0.000000e+00	0.000000e+00	0	0
##	[14212,]	0.000000e+00	1.600000e+01	0	0
##	[14213,]	0.000000e+00	4.900000e+01	0	0
##	[14214,]	9.000000e+00	0.000000e+00	0	0
##	[14215,]	1.425636e+06	9.265988e+07	7980625	0
##	[14216,]	4.761000e+03	7.524049e+06	22801	0
##	[14217,]	4.536900e+04	4.198401e+06	9659664	0
##	[14218,]	0.000000e+00	0.000000e+00	0	0
##	[14219,]	4.000000e+02	2.851560e+05	22500	0
##	[14220,]	0.000000e+00	2.500000e+01	0	0
##	[14221,]	0.000000e+00	0.000000e+00	0	0
##	[14222,]	0.000000e+00	0.000000e+00	0	0
##	[14223,]	6.400000e+01	5.569600e+04	97344	0
##	[14224,]	0.000000e+00	4.000000e+00	0	0
##	[14225,]	1.000000e+04	1.166400e+06	20187049	0
##	[14226,]	0.000000e+00	9.000000e+00	0	0
##	[14227,]	0.000000e+00	4.000000e+00	0	0
##	[14228,]	0.000000e+00	0.000000e+00	0	0
##	[14229,]	0.000000e+00	0.000000e+00	0	0
##	[14230,]	4.000000e+00	6.724000e+03	75076	0
##	[14231,]	6.400000e+03	2.313610e+05	12816400	0
##	[14232,]	0.000000e+00	0.000000e+00	0	0
##	[14233,]	0.000000e+00	0.000000e+00	0	0
##	[14234,]	3.844000e+03	5.428900e+04	4656964	0
##	[14235,]	0.000000e+00	1.681000e+03	37636	0
##	[14236,]	0.000000e+00	0.000000e+00	0	0
##	[14237,]	0.000000e+00	1.000000e+00	0	0
##	[14238,]	1.158206e+08	7.130114e+07	3969	0
##	[14239,]	0.000000e+00	0.000000e+00	0	0
##	[14240,]	2.500000e+01	1.512900e+04	4	0
##	[14241,]	0.000000e+00	0.000000e+00	0	0
##	[14242,]	0.000000e+00	0.000000e+00	0	0
##	[14243,]	0.000000e+00	0.000000e+00	0	0
##	[14244,]	0.000000e+00	0.000000e+00	0	0
##	[14245,]	0.000000e+00	0.000000e+00	0	0
##	[14246,]	0.000000e+00	0.000000e+00	0	0
##	[14247,]	3.600000e+03	3.893760e+05	180625	0
##	[14248,]	0.000000e+00	1.000000e+00	0	0

##	[14249,]	0.000000e+00	1.000000e+00	0	0
##	[14250,]	1.000000e+00	0.000000e+00	0	0
##	[14251,]	1.000000e+00	1.322500e+04	121	0
##	[14252,]	0.000000e+00	0.000000e+00	0	0
##	[14253,]	0.000000e+00	0.000000e+00	0	0
##	[14254,]	0.000000e+00	0.000000e+00	0	0
##	[14255,]	0.000000e+00	0.000000e+00	0	0
##	[14256,]	0.000000e+00	0.000000e+00	0	0
##	[14257,]	0.000000e+00	0.000000e+00	0	0
##	[14258,]	0.000000e+00	0.000000e+00	0	0
##	[14259,]	0.000000e+00	5.290000e+02	1	0
##	[14260,]	0.000000e+00	0.000000e+00	0	0
##	[14261,]	0.000000e+00	4.900000e+01	4	0
##	[14262,]	3.721000e+03	3.214849e+06	1547536	0
##	[14263,]	3.218436e+06	1.017677e+08	399200400	0
##	[14264,]	1.000000e+02	0.000000e+00	0	0
##	[14265,]	4.900000e+01	1.296000e+05	900	0
##	[14266,]	1.600000e+01	0.000000e+00	0	0
##	[14267,]	1.747240e+05	4.280761e+06	381924	0
##	[14268,]	0.000000e+00	4.000000e+00	0	0
##	[14269,]	0.000000e+00	1.000000e+00	0	0
##	[14270,]	1.600000e+03	1.113025e+06	48400	0
##	[14271,]	1.600000e+01	0.000000e+00	0	0
##	[14272,]	0.000000e+00	9.000000e+00	0	0
##	[14273,]	9.350890e+05	3.026100e+07	17673616	0
##	[14274,]	0.000000e+00	1.210000e+02	0	0
##	[14275,]	1.600000e+01	3.385600e+04	46656	0
##	[14276,]	0.000000e+00	1.000000e+00	4	0
##	[14277,]	0.000000e+00	6.400000e+01	0	0
##	[14278,]	1.000000e+00	0.000000e+00	0	0
##	[14279,]	2.992900e+04	1.483524e+06	22534009	0
##	[14280,]	0.000000e+00	4.000000e+00	0	0
##	[14281,]	1.000000e+00	0.000000e+00	0	0
##	[14282,]	1.322500e+04	4.928040e+05	22982436	0
##	[14283,]	0.000000e+00	4.000000e+00	0	0
##	[14284,]	3.600000e+01	1.795600e+04	128881	0
##	[14285,]	5.184000e+03	1.444000e+05	12103441	0
##	[14286,]	0.000000e+00	0.000000e+00	0	0
##	[14287,]	0.000000e+00	0.000000e+00	0	0
##	[14288,]	0.000000e+00	0.000000e+00	0	0
##	[14289,]	9.000000e+00	2.025000e+03	66049	0
##	[14290,]	1.000000e+00	2.250000e+02	26244	0
##	[14291,]	2.401000e+03	4.752400e+04	4571044	0
##	[14292,]	0.000000e+00	0.000000e+00	1	0
##	[14293,]	0.000000e+00	0.000000e+00	0	0
##	[14294,]	0.000000e+00	0.000000e+00	0	0
##	[14295,]	9.000000e+00	7.744000e+03	1	0
##	[14296,]	2.505256e+08	6.732202e+07	7569	0
##	[14297,]	0.000000e+00	0.000000e+00	0	0
##	[14298,]	4.900000e+01	0.000000e+00	0	0
##	[14299,]	0.000000e+00	0.000000e+00	0	0
##	[14300,]	0.000000e+00	0.000000e+00	0	0
##	[14301,]	0.000000e+00	0.000000e+00	0	0
##	[14302,]	0.000000e+00	0.000000e+00	0	0

##	[14303,]	0.000000e+00	0.000000e+00	0	0
##	[14304,]	0.000000e+00	0.000000e+00	0	0
##	[14305,]	0.000000e+00	1.000000e+00	0	0
##	[14306,]	4.900000e+03	1.218010e+05	725904	0
##	[14307,]	0.000000e+00	1.000000e+00	0	0
##	[14308,]	0.000000e+00	0.000000e+00	0	0
##	[14309,]	1.000000e+00	2.809000e+03	4225	0
##	[14310,]	0.000000e+00	0.000000e+00	0	0
##	[14311,]	0.000000e+00	0.000000e+00	0	0
##	[14312,]	0.000000e+00	0.000000e+00	0	0
##	[14313,]	0.000000e+00	0.000000e+00	0	0
##	[14314,]	0.000000e+00	0.000000e+00	0	0
##	[14315,]	2.500000e+01	0.000000e+00	0	0
##	[14316,]	0.000000e+00	0.000000e+00	0	0
##	[14317,]	0.000000e+00	8.410000e+02	1	0
##	[14318,]	0.000000e+00	0.000000e+00	0	0
##	[14319,]	1.540081e+06	6.432040e+07	236421376	0
##	[14320,]	0.000000e+00	0.000000e+00	0	0
##	[14321,]	0.000000e+00	7.840000e+02	0	0
##	[14322,]	1.369000e+03	6.609690e+05	412164	0
##	[14323,]	0.000000e+00	0.000000e+00	0	0
##	[14324,]	4.000000e+00	1.464100e+04	576	0
##	[14325,]	0.000000e+00	1.000000e+00	0	0
##	[14326,]	6.250000e+04	2.614689e+06	665856	0
##	[14327,]	0.000000e+00	9.000000e+00	0	0
##	[14328,]	5.290000e+02	2.275290e+05	11881	0
##	[14329,]	4.000000e+00	0.000000e+00	0	0
##	[14330,]	5.126560e+05	1.882692e+07	14915044	0
##	[14331,]	0.000000e+00	1.000000e+02	0	0
##	[14332,]	0.000000e+00	4.840000e+02	0	0
##	[14333,]	1.000000e+00	0.000000e+00	0	0
##	[14334,]	1.600000e+01	1.299600e+04	12769	0
##	[14335,]	1.299600e+04	1.032256e+06	14205361	0
##	[14336,]	0.000000e+00	4.000000e+00	0	0
##	[14337,]	0.000000e+00	1.000000e+02	0	0
##	[14338,]	9.000000e+00	3.969000e+03	24964	0
##	[14339,]	1.000000e+00	0.000000e+00	0	0
##	[14340,]	0.000000e+00	1.000000e+00	0	0
##	[14341,]	0.000000e+00	1.600000e+01	0	0
##	[14342,]	6.561000e+03	3.113640e+05	10342656	0
##	[14343,]	1.000000e+00	5.290000e+02	26896	0
##	[14344,]	1.000000e+00	0.000000e+00	0	0
##	[14345,]	0.000000e+00	0.000000e+00	0	0
##	[14346,]	2.209000e+03	9.180900e+04	5602689	0
##	[14347,]	0.000000e+00	9.000000e+00	1	0
##	[14348,]	1.089000e+03	3.496900e+04	1811716	0
##	[14349,]	0.000000e+00	0.000000e+00	0	0
##	[14350,]	1.600000e+01	2.250000e+02	5476	0
##	[14351,]	0.000000e+00	0.000000e+00	0	0
##	[14352,]	0.000000e+00	1.000000e+00	0	0
##	[14353,]	4.000000e+00	1.764000e+03	1	0
##	[14354,]	0.000000e+00	0.000000e+00	0	0
##	[14355,]	0.000000e+00	0.000000e+00	0	0
##	[14356,]	5.012640e+07	4.881817e+07	1936	0

##	[14357,]	0.000000e+00	0.000000e+00	0	0
##	[14358,]	0.000000e+00	0.000000e+00	0	0
##	[14359,]	0.000000e+00	0.000000e+00	0	0
##	[14360,]	0.000000e+00	0.000000e+00	0	0
##	[14361,]	0.000000e+00	0.000000e+00	0	0
##	[14362,]	0.000000e+00	0.000000e+00	0	0
##	[14363,]	0.000000e+00	3.240000e+02	1600	0
##	[14364,]	0.000000e+00	4.900000e+01	0	0
##	[14365,]	0.000000e+00	0.000000e+00	0	0
##	[14366,]	1.764000e+03	8.702500e+04	753424	0
##	[14367,]	0.000000e+00	0.000000e+00	0	0
##	[14368,]	0.000000e+00	0.000000e+00	0	0
##	[14369,]	0.000000e+00	0.000000e+00	0	0
##	[14370,]	0.000000e+00	0.000000e+00	0	0
##	[14371,]	0.000000e+00	0.000000e+00	0	0
##	[14372,]	0.000000e+00	0.000000e+00	0	0
##	[14373,]	0.000000e+00	3.610000e+02	25	0
##	[14374,]	0.000000e+00	0.000000e+00	0	0
##	[14375,]	5.290000e+02	3.918760e+05	95481	0
##	[14376,]	1.600000e+01	0.000000e+00	0	0
##	[14377,]	7.744000e+05	4.179622e+07	222904900	0
##	[14378,]	0.000000e+00	2.890000e+02	0	0
##	[14379,]	0.000000e+00	0.000000e+00	0	0
##	[14380,]	0.000000e+00	0.000000e+00	0	0
##	[14381,]	0.000000e+00	0.000000e+00	0	0
##	[14382,]	1.000000e+00	5.184000e+03	4	0
##	[14383,]	0.000000e+00	1.000000e+00	0	0
##	[14384,]	0.000000e+00	4.000000e+00	0	0
##	[14385,]	3.648100e+04	1.459264e+06	772641	0
##	[14386,]	9.000000e+00	0.000000e+00	0	0
##	[14387,]	0.000000e+00	1.000000e+02	0	0
##	[14388,]	0.000000e+00	4.000000e+00	0	0
##	[14389,]	2.342560e+05	1.243973e+07	14845609	0
##	[14390,]	2.250000e+02	1.528810e+05	961	0
##	[14391,]	0.000000e+00	9.000000e+00	0	0
##	[14392,]	6.889000e+03	6.099610e+05	12552849	0
##	[14393,]	0.000000e+00	0.000000e+00	0	0
##	[14394,]	0.000000e+00	8.100000e+01	4	0
##	[14395,]	1.600000e+01	6.561000e+03	1849	0
##	[14396,]	0.000000e+00	1.600000e+01	9	0
##	[14397,]	1.000000e+00	2.304000e+03	6889	0
##	[14398,]	3.249000e+03	2.714410e+05	10252804	0
##	[14399,]	1.000000e+00	0.000000e+00	0	0
##	[14400,]	0.000000e+00	4.000000e+00	0	0
##	[14401,]	0.000000e+00	4.000000e+00	0	0
##	[14402,]	0.000000e+00	0.000000e+00	0	0
##	[14403,]	0.000000e+00	0.000000e+00	0	0
##	[14404,]	1.000000e+00	4.840000e+02	7744	0
##	[14405,]	9.000000e+02	8.122500e+04	4498641	0
##	[14406,]	0.000000e+00	0.000000e+00	0	0
##	[14407,]	0.000000e+00	0.000000e+00	0	0
##	[14408,]	0.000000e+00	1.000000e+00	0	0
##	[14409,]	1.225000e+03	2.044900e+04	1774224	0
##	[14410,]	1.000000e+00	1.440000e+02	3844	0

##	[14411,]	0.000000e+00	0.000000e+00	0	0
##	[14412,]	1.000000e+00	1.521000e+03	0	0
##	[14413,]	0.000000e+00	0.000000e+00	0	0
##	[14414,]	1.970472e+07	2.293452e+07	961	0
##	[14415,]	0.000000e+00	0.000000e+00	0	0
##	[14416,]	0.000000e+00	0.000000e+00	0	0
##	[14417,]	0.000000e+00	0.000000e+00	0	0
##	[14418,]	0.000000e+00	0.000000e+00	0	0
##	[14419,]	0.000000e+00	0.000000e+00	0	0
##	[14420,]	0.000000e+00	0.000000e+00	0	0
##	[14421,]	0.000000e+00	1.000000e+00	0	0
##	[14422,]	0.000000e+00	1.960000e+02	289	0
##	[14423,]	0.000000e+00	1.000000e+00	1	0
##	[14424,]	0.000000e+00	0.000000e+00	0	0
##	[14425,]	4.840000e+02	5.522500e+04	868624	0
##	[14426,]	0.000000e+00	0.000000e+00	0	0
##	[14427,]	0.000000e+00	0.000000e+00	0	0
##	[14428,]	0.000000e+00	0.000000e+00	0	0
##	[14429,]	0.000000e+00	0.000000e+00	0	0
##	[14430,]	0.000000e+00	0.000000e+00	0	0
##	[14431,]	0.000000e+00	6.760000e+02	100	0
##	[14432,]	0.000000e+00	0.000000e+00	0	0
##	[14433,]	0.000000e+00	0.000000e+00	0	0
##	[14434,]	5.565160e+05	3.092472e+07	144120025	0
##	[14435,]	0.000000e+00	0.000000e+00	0	0
##	[14436,]	0.000000e+00	1.210000e+02	0	0
##	[14437,]	0.000000e+00	0.000000e+00	0	0
##	[14438,]	2.890000e+02	1.317690e+05	17424	0
##	[14439,]	0.000000e+00	1.600000e+01	0	0
##	[14440,]	1.768900e+04	1.048576e+06	577600	0
##	[14441,]	9.000000e+00	1.936000e+03	0	0
##	[14442,]	0.000000e+00	0.000000e+00	0	0
##	[14443,]	0.000000e+00	3.600000e+01	4	0
##	[14444,]	8.100000e+01	5.062500e+04	144	0
##	[14445,]	0.000000e+00	2.500000e+01	0	0
##	[14446,]	1.823290e+05	9.096256e+06	10214416	0
##	[14447,]	0.000000e+00	3.600000e+01	4	0
##	[14448,]	9.000000e+00	3.025000e+03	676	0
##	[14449,]	6.400000e+03	5.227290e+05	8037225	0
##	[14450,]	0.000000e+00	2.500000e+01	0	0
##	[14451,]	0.000000e+00	1.000000e+00	0	0
##	[14452,]	2.116000e+03	1.944810e+05	5583769	0
##	[14453,]	0.000000e+00	6.400000e+01	9	0
##	[14454,]	1.000000e+00	6.250000e+02	1024	0
##	[14455,]	0.000000e+00	0.000000e+00	0	0
##	[14456,]	1.369000e+03	4.928400e+04	3186225	0
##	[14457,]	0.000000e+00	4.000000e+00	4	0
##	[14458,]	0.000000e+00	1.210000e+02	2304	0
##	[14459,]	5.290000e+02	1.822500e+04	1136356	0
##	[14460,]	0.000000e+00	0.000000e+00	1	0
##	[14461,]	1.000000e+00	9.000000e+00	196	0
##	[14462,]	0.000000e+00	0.000000e+00	0	0
##	[14463,]	0.000000e+00	0.000000e+00	0	0
##	[14464,]	0.000000e+00	3.600000e+01	0	0

##	[14465,]	1.570537e+07	2.213702e+07	1681	0
##	[14466,]	0.000000e+00	0.000000e+00	0	0
##	[14467,]	0.000000e+00	0.000000e+00	0	0
##	[14468,]	0.000000e+00	0.000000e+00	0	0
##	[14469,]	0.000000e+00	0.000000e+00	0	0
##	[14470,]	0.000000e+00	0.000000e+00	0	0
##	[14471,]	0.000000e+00	8.100000e+01	16	0
##	[14472,]	0.000000e+00	0.000000e+00	0	0
##	[14473,]	9.000000e+02	2.992900e+04	451584	0
##	[14474,]	0.000000e+00	0.000000e+00	0	0
##	[14475,]	0.000000e+00	0.000000e+00	0	0
##	[14476,]	0.000000e+00	0.000000e+00	0	0
##	[14477,]	0.000000e+00	0.000000e+00	0	0
##	[14478,]	0.000000e+00	0.000000e+00	0	0
##	[14479,]	1.246090e+05	1.011240e+07	20079361	0
##	[14480,]	4.000000e+00	0.000000e+00	0	0
##	[14481,]	0.000000e+00	0.000000e+00	0	0
##	[14482,]	8.100000e+01	6.100900e+04	10201	0
##	[14483,]	0.000000e+00	0.000000e+00	0	0
##	[14484,]	0.000000e+00	2.250000e+02	36	0
##	[14485,]	0.000000e+00	0.000000e+00	0	0
##	[14486,]	0.000000e+00	1.210000e+02	4	0
##	[14487,]	5.476000e+03	3.124810e+05	86436	0
##	[14488,]	0.000000e+00	0.000000e+00	0	0
##	[14489,]	0.000000e+00	2.890000e+02	4	0
##	[14490,]	0.000000e+00	0.000000e+00	0	0
##	[14491,]	0.000000e+00	4.000000e+00	0	0
##	[14492,]	0.000000e+00	4.900000e+01	1	0
##	[14493,]	1.000000e+00	0.000000e+00	0	0
##	[14494,]	0.000000e+00	6.400000e+01	1	0
##	[14495,]	3.600000e+01	2.689600e+04	225	0
##	[14496,]	3.534400e+04	3.003289e+06	950625	0
##	[14497,]	1.000000e+00	0.000000e+00	0	0
##	[14498,]	1.000000e+00	1.936000e+03	361	0
##	[14499,]	0.000000e+00	1.000000e+00	1	0
##	[14500,]	0.000000e+00	1.600000e+01	1	0
##	[14501,]	1.521000e+03	1.806250e+05	872356	0
##	[14502,]	0.000000e+00	0.000000e+00	0	0
##	[14503,]	0.000000e+00	1.000000e+00	0	0
##	[14504,]	1.000000e+00	1.440000e+02	784	0
##	[14505,]	5.760000e+02	6.400900e+04	806404	0
##	[14506,]	0.000000e+00	0.000000e+00	9	0
##	[14507,]	1.000000e+00	6.400000e+01	676	0
##	[14508,]	0.000000e+00	1.000000e+00	1	0
##	[14509,]	1.690000e+02	1.849600e+04	558009	0
##	[14510,]	0.000000e+00	0.000000e+00	0	0
##	[14511,]	0.000000e+00	0.000000e+00	0	0
##	[14512,]	0.000000e+00	0.000000e+00	0	0
##	[14513,]	0.000000e+00	4.000000e+00	121	0
##	[14514,]	0.000000e+00	4.000000e+00	0	0
##	[14515,]	2.250000e+02	5.476000e+03	400689	0
##	[14516,]	0.000000e+00	0.000000e+00	0	0
##	[14517,]	6.528640e+05	2.755600e+06	169	0
##	[14518,]	0.000000e+00	1.000000e+00	0	0

##	[14519,]	0.000000e+00	0.000000e+00	0	0
##	[14520,]	0.000000e+00	0.000000e+00	0	0
##	[14521,]	0.000000e+00	1.600000e+01	0	0
##	[14522,]	0.000000e+00	0.000000e+00	0	0
##	[14523,]	0.000000e+00	0.000000e+00	0	0
##	[14524,]	0.000000e+00	0.000000e+00	0	0
##	[14525,]	0.000000e+00	0.000000e+00	0	0
##	[14526,]	0.000000e+00	0.000000e+00	0	0
##	[14527,]	0.000000e+00	4.900000e+01	49	0
##	[14528,]	0.000000e+00	9.000000e+00	0	0
##	[14529,]	1.000000e+02	1.664100e+04	58564	0
##	[14530,]	0.000000e+00	0.000000e+00	0	0
##	[14531,]	0.000000e+00	1.000000e+00	0	0
##	[14532,]	0.000000e+00	0.000000e+00	0	0
##	[14533,]	0.000000e+00	0.000000e+00	0	0
##	[14534,]	0.000000e+00	0.000000e+00	0	0
##	[14535,]	0.000000e+00	0.000000e+00	0	0
##	[14536,]	0.000000e+00	0.000000e+00	0	0
##	[14537,]	1.000000e+00	0.000000e+00	0	0
##	[14538,]	0.000000e+00	2.560000e+02	1	0
##	[14539,]	1.062760e+05	8.661249e+06	8667136	0
##	[14540,]	0.000000e+00	0.000000e+00	0	0
##	[14541,]	0.000000e+00	0.000000e+00	0	0
##	[14542,]	6.400000e+01	5.569600e+04	6724	0
##	[14543,]	0.000000e+00	2.890000e+02	16	0
##	[14544,]	0.000000e+00	0.000000e+00	0	0
##	[14545,]	0.000000e+00	0.000000e+00	0	0
##	[14546,]	1.000000e+00	3.610000e+02	0	0
##	[14547,]	2.401000e+03	2.440360e+05	43681	0
##	[14548,]	0.000000e+00	4.000000e+00	0	0
##	[14549,]	0.000000e+00	1.000000e+00	0	0
##	[14550,]	0.000000e+00	1.440000e+02	0	0
##	[14551,]	1.000000e+00	0.000000e+00	0	0
##	[14552,]	0.000000e+00	4.000000e+00	1	0
##	[14553,]	3.132900e+04	2.576025e+06	410881	0
##	[14554,]	2.500000e+01	2.220100e+04	196	0
##	[14555,]	0.000000e+00	0.000000e+00	0	0
##	[14556,]	0.000000e+00	2.500000e+01	1	0
##	[14557,]	2.209000e+03	1.288810e+05	344569	0
##	[14558,]	0.000000e+00	1.000000e+00	0	0
##	[14559,]	0.000000e+00	1.444000e+03	144	0
##	[14560,]	4.000000e+00	5.760000e+02	529	0
##	[14561,]	0.000000e+00	6.400000e+01	1	0
##	[14562,]	0.000000e+00	0.000000e+00	0	0
##	[14563,]	9.000000e+02	6.502500e+04	381924	0
##	[14564,]	0.000000e+00	1.000000e+00	0	0
##	[14565,]	1.960000e+02	1.988100e+04	254016	0
##	[14566,]	0.000000e+00	2.500000e+01	484	0
##	[14567,]	0.000000e+00	0.000000e+00	1	0
##	[14568,]	0.000000e+00	0.000000e+00	0	0
##	[14569,]	0.000000e+00	0.000000e+00	1	0
##	[14570,]	8.100000e+01	7.921000e+03	148225	0
##	[14571,]	0.000000e+00	0.000000e+00	0	0
##	[14572,]	0.000000e+00	0.000000e+00	0	0

##	[14573,]	0.000000e+00	1.000000e+00	121	0
##	[14574,]	0.000000e+00	1.000000e+00	0	0
##	[14575,]	0.000000e+00	0.000000e+00	0	0
##	[14576,]	0.000000e+00	0.000000e+00	0	0
##	[14577,]	9.000000e+00	4.000000e+00	0	0
##	[14578,]	5.580090e+05	1.904400e+06	49	0
##	[14579,]	0.000000e+00	0.000000e+00	0	0
##	[14580,]	0.000000e+00	0.000000e+00	0	0
##	[14581,]	0.000000e+00	0.000000e+00	0	0
##	[14582,]	0.000000e+00	0.000000e+00	0	0
##	[14583,]	0.000000e+00	0.000000e+00	0	0
##	[14584,]	0.000000e+00	0.000000e+00	0	0
##	[14585,]	0.000000e+00	0.000000e+00	0	0
##	[14586,]	1.960000e+02	1.488400e+04	17956	0
##	[14587,]	0.000000e+00	1.000000e+00	0	0
##	[14588,]	0.000000e+00	1.600000e+01	1	0
##	[14589,]	0.000000e+00	1.000000e+00	0	0
##	[14590,]	0.000000e+00	0.000000e+00	0	0
##	[14591,]	0.000000e+00	0.000000e+00	0	0
##	[14592,]	0.000000e+00	0.000000e+00	0	0
##	[14593,]	0.000000e+00	0.000000e+00	0	0
##	[14594,]	0.000000e+00	0.000000e+00	0	0
##	[14595,]	2.171560e+05	1.223600e+07	17564481	0
##	[14596,]	1.000000e+00	0.000000e+00	0	0
##	[14597,]	4.900000e+01	2.958400e+04	7921	0
##	[14598,]	0.000000e+00	0.000000e+00	0	0
##	[14599,]	0.000000e+00	2.560000e+02	4	0
##	[14600,]	0.000000e+00	8.100000e+01	1	0
##	[14601,]	0.000000e+00	0.000000e+00	0	0
##	[14602,]	0.000000e+00	0.000000e+00	0	0
##	[14603,]	0.000000e+00	1.000000e+00	1	0
##	[14604,]	0.000000e+00	0.000000e+00	0	0
##	[14605,]	0.000000e+00	0.000000e+00	0	0
##	[14606,]	0.000000e+00	4.900000e+01	0	0
##	[14607,]	9.216000e+03	2.926810e+05	56644	0
##	[14608,]	0.000000e+00	3.600000e+01	0	0
##	[14609,]	0.000000e+00	3.600000e+01	0	0
##	[14610,]	1.000000e+00	0.000000e+00	0	0
##	[14611,]	4.900000e+01	1.512900e+04	49	0
##	[14612,]	6.502500e+04	3.591025e+06	1077444	0
##	[14613,]	2.401000e+03	2.490010e+05	1087849	0
##	[14614,]	0.000000e+00	1.600000e+01	1	0
##	[14615,]	0.000000e+00	4.840000e+02	225	0
##	[14616,]	0.000000e+00	0.000000e+00	0	0
##	[14617,]	0.000000e+00	1.000000e+00	0	0
##	[14618,]	0.000000e+00	1.600000e+01	1	0
##	[14619,]	0.000000e+00	2.250000e+02	1024	0
##	[14620,]	0.000000e+00	0.000000e+00	0	0
##	[14621,]	0.000000e+00	1.000000e+00	0	0
##	[14622,]	1.156000e+03	9.859600e+04	697225	0
##	[14623,]	0.000000e+00	4.000000e+00	0	0
##	[14624,]	0.000000e+00	9.000000e+00	361	0
##	[14625,]	0.000000e+00	0.000000e+00	0	0
##	[14626,]	2.890000e+02	2.656900e+04	396900	0

##	[14627,]	0.000000e+00	0.000000e+00	0	0
##	[14628,]	0.000000e+00	0.000000e+00	0	0
##	[14629,]	0.000000e+00	4.000000e+00	256	0
##	[14630,]	0.000000e+00	0.000000e+00	0	0
##	[14631,]	0.000000e+00	0.000000e+00	0	0
##	[14632,]	2.250000e+02	7.396000e+03	165649	0
##	[14633,]	0.000000e+00	0.000000e+00	0	0
##	[14634,]	0.000000e+00	0.000000e+00	0	0
##	[14635,]	0.000000e+00	0.000000e+00	0	0
##	[14636,]	1.392400e+06	2.550409e+06	289	0
##	[14637,]	1.000000e+00	1.000000e+00	0	0
##	[14638,]	0.000000e+00	0.000000e+00	0	0
##	[14639,]	0.000000e+00	0.000000e+00	0	0
##	[14640,]	0.000000e+00	0.000000e+00	0	0
##	[14641,]	0.000000e+00	0.000000e+00	0	0
##	[14642,]	0.000000e+00	0.000000e+00	0	0
##	[14643,]	0.000000e+00	0.000000e+00	0	0
##	[14644,]	0.000000e+00	0.000000e+00	0	0
##	[14645,]	0.000000e+00	4.900000e+01	9	0
##	[14646,]	2.560000e+02	1.690000e+04	39601	0
##	[14647,]	0.000000e+00	4.000000e+00	1	0
##	[14648,]	0.000000e+00	0.000000e+00	0	0
##	[14649,]	0.000000e+00	0.000000e+00	0	0
##	[14650,]	0.000000e+00	0.000000e+00	0	0
##	[14651,]	0.000000e+00	0.000000e+00	0	0
##	[14652,]	0.000000e+00	0.000000e+00	0	0
##	[14653,]	4.000000e+00	0.000000e+00	0	0
##	[14654,]	1.772410e+05	1.103568e+07	10942864	0
##	[14655,]	1.440000e+02	4.243600e+04	8100	0
##	[14656,]	0.000000e+00	1.000000e+02	9	0
##	[14657,]	0.000000e+00	0.000000e+00	0	0
##	[14658,]	0.000000e+00	0.000000e+00	0	0
##	[14659,]	0.000000e+00	0.000000e+00	0	0
##	[14660,]	0.000000e+00	4.840000e+02	1	0
##	[14661,]	0.000000e+00	1.440000e+02	1	0
##	[14662,]	5.625000e+03	2.580640e+05	38416	0
##	[14663,]	0.000000e+00	1.600000e+01	0	0
##	[14664,]	1.000000e+00	0.000000e+00	0	0
##	[14665,]	0.000000e+00	0.000000e+00	0	0
##	[14666,]	4.900000e+01	1.932100e+04	169	0
##	[14667,]	1.000000e+00	0.000000e+00	0	0
##	[14668,]	5.808100e+04	3.204100e+06	815409	0
##	[14669,]	0.000000e+00	1.690000e+02	0	0
##	[14670,]	0.000000e+00	2.500000e+01	0	0
##	[14671,]	1.000000e+00	1.225000e+03	100	0
##	[14672,]	1.849000e+03	2.550250e+05	561001	0
##	[14673,]	0.000000e+00	0.000000e+00	0	0
##	[14674,]	0.000000e+00	1.000000e+00	1	0
##	[14675,]	0.000000e+00	1.600000e+01	0	0
##	[14676,]	0.000000e+00	1.000000e+00	0	0
##	[14677,]	1.521000e+03	7.952400e+04	485809	0
##	[14678,]	0.000000e+00	0.000000e+00	0	0
##	[14679,]	4.000000e+00	1.000000e+02	1521	0
##	[14680,]	0.000000e+00	9.000000e+00	1	0

##	[14681,]	0.000000e+00	0.000000e+00	0	0
##	[14682,]	2.560000e+02	2.190400e+04	218089	0
##	[14683,]	0.000000e+00	1.000000e+00	0	0
##	[14684,]	4.000000e+00	3.600000e+01	289	0
##	[14685,]	0.000000e+00	0.000000e+00	0	0
##	[14686,]	0.000000e+00	0.000000e+00	1	0
##	[14687,]	4.900000e+01	7.921000e+03	87616	0
##	[14688,]	0.000000e+00	0.000000e+00	1	0
##	[14689,]	0.000000e+00	1.600000e+01	100	0
##	[14690,]	0.000000e+00	0.000000e+00	0	0
##	[14691,]	0.000000e+00	0.000000e+00	0	0
##	[14692,]	0.000000e+00	0.000000e+00	0	0
##	[14693,]	7.327360e+05	2.277081e+06	49	0
##	[14694,]	0.000000e+00	4.000000e+00	0	0
##	[14695,]	0.000000e+00	0.000000e+00	0	0
##	[14696,]	0.000000e+00	0.000000e+00	0	0
##	[14697,]	0.000000e+00	0.000000e+00	0	0
##	[14698,]	0.000000e+00	0.000000e+00	0	0
##	[14699,]	0.000000e+00	0.000000e+00	0	0
##	[14700,]	0.000000e+00	0.000000e+00	0	0
##	[14701,]	0.000000e+00	6.400000e+01	25	0
##	[14702,]	0.000000e+00	0.000000e+00	0	0
##	[14703,]	4.000000e+02	1.612900e+04	24336	0
##	[14704,]	0.000000e+00	0.000000e+00	0	0
##	[14705,]	0.000000e+00	4.000000e+00	0	0
##	[14706,]	0.000000e+00	0.000000e+00	0	0
##	[14707,]	0.000000e+00	0.000000e+00	0	0
##	[14708,]	0.000000e+00	0.000000e+00	0	0
##	[14709,]	0.000000e+00	0.000000e+00	0	0
##	[14710,]	0.000000e+00	0.000000e+00	0	0
##	[14711,]	0.000000e+00	0.000000e+00	0	0
##	[14712,]	0.000000e+00	0.000000e+00	0	0
##	[14713,]	1.690000e+02	5.244100e+04	6084	0
##	[14714,]	0.000000e+00	8.100000e+01	16	0
##	[14715,]	1.296000e+05	1.002356e+07	2377764	0
##	[14716,]	0.000000e+00	1.440000e+02	1	0
##	[14717,]	0.000000e+00	0.000000e+00	0	0
##	[14718,]	0.000000e+00	0.000000e+00	0	0
##	[14719,]	0.000000e+00	0.000000e+00	0	0
##	[14720,]	0.000000e+00	2.560000e+02	0	0
##	[14721,]	3.364000e+03	2.180890e+05	4624	0
##	[14722,]	0.000000e+00	0.000000e+00	0	0
##	[14723,]	0.000000e+00	2.500000e+01	4	0
##	[14724,]	0.000000e+00	8.100000e+01	0	0
##	[14725,]	4.161600e+04	2.972176e+06	108241	0
##	[14726,]	1.690000e+02	2.280100e+04	144	0
##	[14727,]	0.000000e+00	9.000000e+00	1	0
##	[14728,]	2.025000e+03	1.874890e+05	100489	0
##	[14729,]	0.000000e+00	9.000000e+00	0	0
##	[14730,]	0.000000e+00	1.225000e+03	121	0
##	[14731,]	0.000000e+00	0.000000e+00	1	0
##	[14732,]	0.000000e+00	1.000000e+00	1	0
##	[14733,]	0.000000e+00	2.250000e+02	196	0
##	[14734,]	1.024000e+03	9.060100e+04	104976	0

##	[14735,]	2.250000e+02	2.102500e+04	92416	0
##	[14736,]	0.000000e+00	8.100000e+01	625	0
##	[14737,]	0.000000e+00	0.000000e+00	0	0
##	[14738,]	0.000000e+00	0.000000e+00	0	0
##	[14739,]	0.000000e+00	0.000000e+00	0	0
##	[14740,]	0.000000e+00	0.000000e+00	0	0
##	[14741,]	3.600000e+01	9.216000e+03	40000	0
##	[14742,]	0.000000e+00	9.000000e+00	256	0
##	[14743,]	2.171560e+05	4.914010e+05	9	0
##	[14744,]	1.000000e+00	0.000000e+00	0	0
##	[14745,]	0.000000e+00	0.000000e+00	0	0
##	[14746,]	0.000000e+00	1.000000e+00	0	0
##	[14747,]	0.000000e+00	0.000000e+00	0	0
##	[14748,]	0.000000e+00	0.000000e+00	0	0
##	[14749,]	0.000000e+00	0.000000e+00	0	0
##	[14750,]	0.000000e+00	0.000000e+00	0	0
##	[14751,]	0.000000e+00	0.000000e+00	0	0
##	[14752,]	0.000000e+00	0.000000e+00	1	0
##	[14753,]	0.000000e+00	1.600000e+01	4	0
##	[14754,]	8.100000e+01	1.345600e+04	2209	0
##	[14755,]	0.000000e+00	0.000000e+00	0	0
##	[14756,]	0.000000e+00	0.000000e+00	0	0
##	[14757,]	0.000000e+00	0.000000e+00	0	0
##	[14758,]	0.000000e+00	0.000000e+00	0	0
##	[14759,]	1.000000e+00	0.000000e+00	0	0
##	[14760,]	0.000000e+00	0.000000e+00	0	0
##	[14761,]	0.000000e+00	0.000000e+00	0	0
##	[14762,]	0.000000e+00	1.440000e+02	1	0
##	[14763,]	1.521000e+05	1.148532e+07	2669956	0
##	[14764,]	0.000000e+00	0.000000e+00	0	0
##	[14765,]	0.000000e+00	1.960000e+02	1	0
##	[14766,]	2.560000e+02	3.763600e+04	2601	0
##	[14767,]	0.000000e+00	1.000000e+00	0	0
##	[14768,]	0.000000e+00	4.000000e+00	0	0
##	[14769,]	4.624000e+03	2.830240e+05	8464	0
##	[14770,]	0.000000e+00	0.000000e+00	0	0
##	[14771,]	1.000000e+00	2.890000e+02	1	0
##	[14772,]	1.210000e+02	1.488400e+04	144	0
##	[14773,]	0.000000e+00	1.000000e+00	1	0
##	[14774,]	1.000000e+00	0.000000e+00	0	0
##	[14775,]	0.000000e+00	1.000000e+02	0	0
##	[14776,]	6.200100e+04	3.736489e+06	126025	0
##	[14777,]	0.000000e+00	0.000000e+00	0	0
##	[14778,]	0.000000e+00	1.600000e+01	0	0
##	[14779,]	8.410000e+02	1.780840e+05	92416	0
##	[14780,]	0.000000e+00	1.000000e+00	1	0
##	[14781,]	9.000000e+00	5.760000e+02	81	0
##	[14782,]	0.000000e+00	0.000000e+00	0	0
##	[14783,]	0.000000e+00	0.000000e+00	0	0
##	[14784,]	5.290000e+02	7.182400e+04	110224	0
##	[14785,]	0.000000e+00	2.500000e+01	0	0
##	[14786,]	1.000000e+00	5.290000e+02	36	0
##	[14787,]	0.000000e+00	0.000000e+00	0	0
##	[14788,]	1.960000e+02	2.220100e+04	78961	0

##	[14789,]	0.000000e+00	1.000000e+00	0	0
##	[14790,]	0.000000e+00	4.900000e+01	144	0
##	[14791,]	0.000000e+00	1.000000e+00	0	0
##	[14792,]	0.000000e+00	0.000000e+00	0	0
##	[14793,]	0.000000e+00	0.000000e+00	0	0
##	[14794,]	0.000000e+00	1.000000e+00	121	0
##	[14795,]	4.900000e+01	7.225000e+03	72900	0
##	[14796,]	0.000000e+00	0.000000e+00	0	0
##	[14797,]	0.000000e+00	1.000000e+00	0	0
##	[14798,]	0.000000e+00	0.000000e+00	0	0
##	[14799,]	2.693610e+05	7.921000e+05	49	0
##	[14800,]	0.000000e+00	0.000000e+00	0	0
##	[14801,]	0.000000e+00	0.000000e+00	0	0
##	[14802,]	0.000000e+00	0.000000e+00	0	0
##	[14803,]	0.000000e+00	0.000000e+00	0	0
##	[14804,]	0.000000e+00	0.000000e+00	0	0
##	[14805,]	0.000000e+00	0.000000e+00	0	0
##	[14806,]	0.000000e+00	0.000000e+00	0	0
##	[14807,]	1.690000e+02	1.960000e+04	2809	0
##	[14808,]	0.000000e+00	0.000000e+00	0	0
##	[14809,]	4.000000e+00	3.600000e+01	4	0
##	[14810,]	0.000000e+00	0.000000e+00	0	0
##	[14811,]	0.000000e+00	4.000000e+00	1	0
##	[14812,]	0.000000e+00	0.000000e+00	0	0
##	[14813,]	0.000000e+00	0.000000e+00	0	0
##	[14814,]	0.000000e+00	0.000000e+00	0	0
##	[14815,]	0.000000e+00	0.000000e+00	0	0
##	[14816,]	0.000000e+00	0.000000e+00	0	0
##	[14817,]	1.000000e+02	5.712100e+04	1600	0
##	[14818,]	0.000000e+00	0.000000e+00	0	0
##	[14819,]	0.000000e+00	0.000000e+00	0	0
##	[14820,]	1.391290e+05	1.082410e+07	28783225	0
##	[14821,]	0.000000e+00	1.000000e+02	0	0
##	[14822,]	0.000000e+00	0.000000e+00	0	0
##	[14823,]	0.000000e+00	0.000000e+00	0	0
##	[14824,]	0.000000e+00	1.210000e+02	9	0
##	[14825,]	0.000000e+00	0.000000e+00	0	0
##	[14826,]	4.900000e+03	3.113640e+05	11025	0
##	[14827,]	9.000000e+00	2.250000e+02	4	0
##	[14828,]	0.000000e+00	0.000000e+00	0	0
##	[14829,]	0.000000e+00	0.000000e+00	0	0
##	[14830,]	0.000000e+00	6.400000e+01	0	0
##	[14831,]	2.500000e+01	2.496400e+04	100	0
##	[14832,]	0.000000e+00	0.000000e+00	0	0
##	[14833,]	0.000000e+00	3.600000e+01	0	0
##	[14834,]	4.326400e+04	3.283344e+06	132496	0
##	[14835,]	0.000000e+00	4.000000e+00	4	0
##	[14836,]	0.000000e+00	4.000000e+00	0	0
##	[14837,]	0.000000e+00	0.000000e+00	0	0
##	[14838,]	1.000000e+00	1.089000e+03	16	0
##	[14839,]	1.156000e+03	1.857610e+05	112225	0
##	[14840,]	7.840000e+02	6.002500e+04	126025	0
##	[14841,]	0.000000e+00	2.890000e+02	81	0
##	[14842,]	0.000000e+00	4.000000e+00	0	0

##	[14843,]	0.000000e+00	0.000000e+00	0	0
##	[14844,]	0.000000e+00	0.000000e+00	0	0
##	[14845,]	3.240000e+02	1.904400e+04	362404	0
##	[14846,]	0.000000e+00	0.000000e+00	0	0
##	[14847,]	0.000000e+00	0.000000e+00	0	0
##	[14848,]	0.000000e+00	0.000000e+00	0	0
##	[14849,]	1.000000e+00	8.100000e+01	36	0
##	[14850,]	0.000000e+00	0.000000e+00	0	0
##	[14851,]	2.250000e+02	1.123600e+04	12988816	0
##	[14852,]	0.000000e+00	0.000000e+00	0	0
##	[14853,]	0.000000e+00	1.000000e+00	1	0
##	[14854,]	0.000000e+00	4.900000e+01	81	0
##	[14855,]	3.481000e+05	9.781210e+05	64	0
##	[14856,]	0.000000e+00	0.000000e+00	0	0
##	[14857,]	0.000000e+00	9.000000e+00	0	0
##	[14858,]	0.000000e+00	0.000000e+00	0	0
##	[14859,]	0.000000e+00	0.000000e+00	0	0
##	[14860,]	0.000000e+00	0.000000e+00	0	0
##	[14861,]	0.000000e+00	0.000000e+00	0	0
##	[14862,]	0.000000e+00	0.000000e+00	0	0
##	[14863,]	0.000000e+00	0.000000e+00	0	0
##	[14864,]	0.000000e+00	0.000000e+00	0	0
##	[14865,]	2.500000e+01	1.188100e+04	4489	0
##	[14866,]	0.000000e+00	9.000000e+00	0	0
##	[14867,]	0.000000e+00	0.000000e+00	0	0
##	[14868,]	0.000000e+00	0.000000e+00	0	0
##	[14869,]	1.000000e+00	4.900000e+01	4	0
##	[14870,]	0.000000e+00	0.000000e+00	0	0
##	[14871,]	0.000000e+00	0.000000e+00	0	0
##	[14872,]	0.000000e+00	0.000000e+00	0	0
##	[14873,]	0.000000e+00	0.000000e+00	0	0
##	[14874,]	0.000000e+00	0.000000e+00	0	0
##	[14875,]	0.000000e+00	1.210000e+02	4	0
##	[14876,]	0.000000e+00	0.000000e+00	0	0
##	[14877,]	0.000000e+00	0.000000e+00	0	0
##	[14878,]	1.122250e+05	9.048064e+06	336282244	0
##	[14879,]	0.000000e+00	2.500000e+01	4	0
##	[14880,]	0.000000e+00	0.000000e+00	0	0
##	[14881,]	0.000000e+00	0.000000e+00	0	0
##	[14882,]	2.500000e+01	4.368100e+04	4356	0
##	[14883,]	0.000000e+00	0.000000e+00	0	0
##	[14884,]	0.000000e+00	0.000000e+00	1	0
##	[14885,]	3.364000e+03	2.199610e+05	3600	0
##	[14886,]	0.000000e+00	3.240000e+02	0	0
##	[14887,]	0.000000e+00	6.400000e+01	0	0
##	[14888,]	4.452100e+04	2.782224e+06	57600	0
##	[14889,]	0.000000e+00	9.000000e+00	1	0
##	[14890,]	9.000000e+00	1.345600e+04	256	0
##	[14891,]	0.000000e+00	1.000000e+00	1	0
##	[14892,]	9.000000e+02	1.797760e+05	38809	0
##	[14893,]	0.000000e+00	9.000000e+00	0	0
##	[14894,]	1.000000e+00	1.225000e+03	81	0
##	[14895,]	0.000000e+00	1.000000e+00	0	0
##	[14896,]	2.250000e+02	4.752400e+04	121801	0

##	[14897,]	0.000000e+00	1.024000e+03	121	0
##	[14898,]	0.000000e+00	0.000000e+00	0	0
##	[14899,]	1.000000e+00	3.600000e+01	100	0
##	[14900,]	0.000000e+00	0.000000e+00	0	0
##	[14901,]	1.440000e+02	1.322500e+04	1350244	0
##	[14902,]	0.000000e+00	0.000000e+00	0	0
##	[14903,]	0.000000e+00	0.000000e+00	1	0
##	[14904,]	8.100000e+01	1.299600e+04	266668900	0
##	[14905,]	0.000000e+00	0.000000e+00	0	0
##	[14906,]	0.000000e+00	4.000000e+00	400	0
##	[14907,]	0.000000e+00	0.000000e+00	0	0
##	[14908,]	1.797760e+05	8.208360e+05	16	0
##	[14909,]	0.000000e+00	0.000000e+00	0	0
##	[14910,]	0.000000e+00	9.000000e+00	1	0
##	[14911,]	0.000000e+00	0.000000e+00	0	0
##	[14912,]	0.000000e+00	0.000000e+00	0	0
##	[14913,]	0.000000e+00	0.000000e+00	0	0
##	[14914,]	0.000000e+00	0.000000e+00	0	0
##	[14915,]	0.000000e+00	0.000000e+00	0	0
##	[14916,]	6.400000e+01	1.166400e+04	3249	0
##	[14917,]	0.000000e+00	2.500000e+01	1	0
##	[14918,]	0.000000e+00	0.000000e+00	0	0
##	[14919,]	0.000000e+00	0.000000e+00	0	0
##	[14920,]	0.000000e+00	0.000000e+00	0	0
##	[14921,]	0.000000e+00	0.000000e+00	0	0
##	[14922,]	0.000000e+00	0.000000e+00	0	0
##	[14923,]	0.000000e+00	0.000000e+00	0	0
##	[14924,]	0.000000e+00	4.900000e+01	0	0
##	[14925,]	0.000000e+00	8.100000e+01	0	0
##	[14926,]	0.000000e+00	0.000000e+00	0	0
##	[14927,]	6.400000e+01	4.665600e+04	2500	0
##	[14928,]	2.275290e+05	1.842985e+07	5559044481	0
##	[14929,]	0.000000e+00	0.000000e+00	0	0
##	[14930,]	0.000000e+00	0.000000e+00	0	0
##	[14931,]	0.000000e+00	0.000000e+00	0	0
##	[14932,]	0.000000e+00	4.410000e+02	4	0
##	[14933,]	0.000000e+00	0.000000e+00	0	0
##	[14934,]	4.761000e+03	3.956410e+05	10000	0
##	[14935,]	0.000000e+00	1.000000e+00	0	0
##	[14936,]	7.075600e+04	5.116644e+06	201601	0
##	[14937,]	6.400000e+01	2.102500e+04	64	0
##	[14938,]	0.000000e+00	3.600000e+01	0	0
##	[14939,]	0.000000e+00	4.000000e+00	0	0
##	[14940,]	0.000000e+00	4.000000e+00	0	0
##	[14941,]	1.089000e+03	2.683240e+05	207936	0
##	[14942,]	0.000000e+00	9.610000e+02	1	0
##	[14943,]	0.000000e+00	9.000000e+00	0	0
##	[14944,]	0.000000e+00	1.000000e+02	256	0
##	[14945,]	0.000000e+00	1.000000e+00	0	0
##	[14946,]	1.156000e+03	8.236900e+04	962361	0
##	[14947,]	0.000000e+00	1.000000e+00	0	0
##	[14948,]	0.000000e+00	3.600000e+01	81	0
##	[14949,]	0.000000e+00	0.000000e+00	0	0
##	[14950,]	1.156000e+03	3.276100e+04	22278400	0

##	[14951,]	0.000000e+00	0.000000e+00	0	0
##	[14952,]	1.681000e+03	1.730560e+05	4604029609	0
##	[14953,]	0.000000e+00	9.000000e+00	196	0
##	[14954,]	0.000000e+00	0.000000e+00	0	0
##	[14955,]	0.000000e+00	0.000000e+00	0	0
##	[14956,]	0.000000e+00	9.000000e+00	0	0
##	[14957,]	0.000000e+00	0.000000e+00	0	0
##	[14958,]	4.173160e+05	2.493241e+06	100	0
##	[14959,]	0.000000e+00	0.000000e+00	0	0
##	[14960,]	0.000000e+00	0.000000e+00	0	0
##	[14961,]	0.000000e+00	0.000000e+00	0	0
##	[14962,]	0.000000e+00	0.000000e+00	0	0
##	[14963,]	0.000000e+00	1.000000e+00	0	0
##	[14964,]	1.210000e+02	1.345600e+04	11236	0
##	[14965,]	0.000000e+00	0.000000e+00	0	0
##	[14966,]	0.000000e+00	0.000000e+00	1	0
##	[14967,]	0.000000e+00	0.000000e+00	0	0
##	[14968,]	0.000000e+00	0.000000e+00	0	0
##	[14969,]	0.000000e+00	0.000000e+00	0	0
##	[14970,]	0.000000e+00	0.000000e+00	0	0
##	[14971,]	0.000000e+00	0.000000e+00	0	0
##	[14972,]	0.000000e+00	0.000000e+00	0	0
##	[14973,]	0.000000e+00	0.000000e+00	0	0
##	[14974,]	0.000000e+00	1.225000e+03	121	0
##	[14975,]	0.000000e+00	1.000000e+02	1	0
##	[14976,]	1.413760e+05	1.507769e+07	6159424324	0
##	[14977,]	0.000000e+00	0.000000e+00	0	0
##	[14978,]	8.100000e+01	5.062500e+04	1849	0
##	[14979,]	0.000000e+00	1.440000e+02	0	0
##	[14980,]	5.929000e+03	3.364000e+05	3721	0
##	[14981,]	0.000000e+00	1.000000e+00	0	0
##	[14982,]	0.000000e+00	2.890000e+02	0	0
##	[14983,]	0.000000e+00	1.960000e+02	4	0
##	[14984,]	0.000000e+00	8.100000e+01	0	0
##	[14985,]	2.592100e+04	3.952144e+06	161604	0
##	[14986,]	4.900000e+01	1.904400e+04	121	0
##	[14987,]	0.000000e+00	4.900000e+01	4	0
##	[14988,]	1.000000e+00	2.601000e+03	36	0
##	[14989,]	1.089000e+03	2.410810e+05	256036	0
##	[14990,]	0.000000e+00	0.000000e+00	0	0
##	[14991,]	0.000000e+00	0.000000e+00	16	0
##	[14992,]	7.290000e+02	5.244100e+04	1399489	0
##	[14993,]	0.000000e+00	0.000000e+00	0	0
##	[14994,]	0.000000e+00	1.690000e+02	16	0
##	[14995,]	0.000000e+00	1.000000e+00	0	0
##	[14996,]	6.760000e+02	2.924100e+04	31753225	0
##	[14997,]	0.000000e+00	0.000000e+00	0	0
##	[14998,]	0.000000e+00	2.500000e+01	36	0
##	[14999,]	1.000000e+00	1.000000e+00	256	0
##	[15000,]	2.704000e+03	1.797760e+05	4997783025	0
##	[15001,]	0.000000e+00	1.000000e+00	9	0
##	[15002,]	0.000000e+00	0.000000e+00	1	0
##	[15003,]	0.000000e+00	0.000000e+00	0	0
##	[15004,]	0.000000e+00	1.690000e+02	0	0

##	[15005,]	2.162250e+05	1.188100e+06	36	0
##	[15006,]	1.000000e+00	1.000000e+00	0	0
##	[15007,]	0.000000e+00	0.000000e+00	0	0
##	[15008,]	0.000000e+00	0.000000e+00	0	0
##	[15009,]	0.000000e+00	0.000000e+00	0	0
##	[15010,]	0.000000e+00	0.000000e+00	0	0
##	[15011,]	0.000000e+00	0.000000e+00	0	0
##	[15012,]	1.960000e+02	1.123600e+04	25921	0
##	[15013,]	0.000000e+00	4.000000e+00	9	0
##	[15014,]	0.000000e+00	1.000000e+00	0	0
##	[15015,]	0.000000e+00	0.000000e+00	0	0
##	[15016,]	0.000000e+00	0.000000e+00	0	0
##	[15017,]	0.000000e+00	0.000000e+00	0	0
##	[15018,]	0.000000e+00	0.000000e+00	0	0
##	[15019,]	1.000000e+02	5.428900e+04	3481	0
##	[15020,]	0.000000e+00	0.000000e+00	0	0
##	[15021,]	0.000000e+00	0.000000e+00	0	0
##	[15022,]	9.000000e+00	0.000000e+00	0	0
##	[15023,]	0.000000e+00	4.000000e+00	25	0
##	[15024,]	0.000000e+00	3.600000e+01	4	0
##	[15025,]	1.513210e+05	1.459240e+07	3761123584	0
##	[15026,]	0.000000e+00	0.000000e+00	0	0
##	[15027,]	0.000000e+00	0.000000e+00	0	0
##	[15028,]	0.000000e+00	0.000000e+00	0	0
##	[15029,]	0.000000e+00	0.000000e+00	0	0
##	[15030,]	5.184000e+03	3.422250e+05	4356	0
##	[15031,]	1.000000e+00	4.840000e+02	0	0
##	[15032,]	3.686400e+04	3.674889e+06	139876	0
##	[15033,]	0.000000e+00	1.000000e+00	1	0
##	[15034,]	4.000000e+00	0.000000e+00	0	0
##	[15035,]	0.000000e+00	2.500000e+01	1	0
##	[15036,]	4.900000e+01	2.371600e+04	36	0
##	[15037,]	0.000000e+00	0.000000e+00	4	0
##	[15038,]	0.000000e+00	0.000000e+00	1	0
##	[15039,]	1.000000e+00	1.225000e+03	64	0
##	[15040,]	1.000000e+00	0.000000e+00	0	0
##	[15041,]	1.089000e+03	2.052090e+05	245025	0
##	[15042,]	1.000000e+00	3.240000e+02	196	0
##	[15043,]	0.000000e+00	0.000000e+00	0	0
##	[15044,]	0.000000e+00	0.000000e+00	0	0
##	[15045,]	0.000000e+00	0.000000e+00	0	0
##	[15046,]	5.760000e+02	4.665600e+04	1149184	0
##	[15047,]	0.000000e+00	0.000000e+00	1	0
##	[15048,]	0.000000e+00	1.000000e+00	0	0
##	[15049,]	0.000000e+00	0.000000e+00	0	0
##	[15050,]	1.690000e+02	3.763600e+04	22886656	0
##	[15051,]	0.000000e+00	4.000000e+00	196	0
##	[15052,]	0.000000e+00	4.000000e+00	289	0
##	[15053,]	3.025000e+03	2.070250e+05	2974284369	0
##	[15054,]	0.000000e+00	0.000000e+00	0	0
##	[15055,]	0.000000e+00	1.000000e+00	1	0
##	[15056,]	0.000000e+00	0.000000e+00	0	0
##	[15057,]	0.000000e+00	0.000000e+00	1	0
##	[15058,]	0.000000e+00	0.000000e+00	0	0

##	[15059,]	0.000000e+00	3.600000e+01	0	0
##	[15060,]	0.000000e+00	0.000000e+00	0	0
##	[15061,]	3.180960e+05	7.499560e+05	49	0
##	[15062,]	0.000000e+00	0.000000e+00	0	0
##	[15063,]	0.000000e+00	0.000000e+00	0	0
##	[15064,]	0.000000e+00	0.000000e+00	0	0
##	[15065,]	0.000000e+00	0.000000e+00	0	0
##	[15066,]	0.000000e+00	0.000000e+00	0	0
##	[15067,]	1.440000e+02	1.020100e+04	22500	0
##	[15068,]	0.000000e+00	0.000000e+00	0	0
##	[15069,]	0.000000e+00	4.900000e+01	0	0
##	[15070,]	0.000000e+00	0.000000e+00	0	0
##	[15071,]	0.000000e+00	0.000000e+00	0	0
##	[15072,]	0.000000e+00	0.000000e+00	0	0
##	[15073,]	0.000000e+00	0.000000e+00	0	0
##	[15074,]	0.000000e+00	0.000000e+00	0	0
##	[15075,]	0.000000e+00	0.000000e+00	0	0
##	[15076,]	0.000000e+00	0.000000e+00	0	0
##	[15077,]	0.000000e+00	0.000000e+00	0	0
##	[15078,]	0.000000e+00	1.600000e+01	4	0
##	[15079,]	0.000000e+00	0.000000e+00	0	0
##	[15080,]	4.000000e+00	0.000000e+00	0	0
##	[15081,]	9.000000e+00	5.664400e+04	54289	0
##	[15082,]	0.000000e+00	1.600000e+01	16	0
##	[15083,]	0.000000e+00	0.000000e+00	0	0
##	[15084,]	1.142440e+05	1.367520e+07	1496219761	0
##	[15085,]	0.000000e+00	0.000000e+00	0	0
##	[15086,]	0.000000e+00	0.000000e+00	0	0
##	[15087,]	1.000000e+00	7.840000e+02	4	0
##	[15088,]	0.000000e+00	0.000000e+00	0	0
##	[15089,]	3.364000e+03	3.943840e+05	8836	0
##	[15090,]	4.000000e+00	2.160900e+04	529	0
##	[15091,]	0.000000e+00	1.000000e+00	1	0
##	[15092,]	4.000000e+00	0.000000e+00	0	0
##	[15093,]	3.204100e+04	3.952144e+06	182329	0
##	[15094,]	0.000000e+00	1.600000e+01	1	0
##	[15095,]	0.000000e+00	0.000000e+00	0	0
##	[15096,]	0.000000e+00	0.000000e+00	0	0
##	[15097,]	0.000000e+00	1.521000e+03	225	0
##	[15098,]	0.000000e+00	0.000000e+00	1	0
##	[15099,]	1.089000e+03	2.199610e+05	195364	0
##	[15100,]	0.000000e+00	0.000000e+00	0	0
##	[15101,]	0.000000e+00	0.000000e+00	0	0
##	[15102,]	5.290000e+02	3.841600e+04	719104	0
##	[15103,]	0.000000e+00	2.250000e+02	361	0
##	[15104,]	0.000000e+00	0.000000e+00	0	0
##	[15105,]	0.000000e+00	0.000000e+00	0	0
##	[15106,]	1.690000e+02	1.904400e+04	17489124	0
##	[15107,]	0.000000e+00	0.000000e+00	0	0
##	[15108,]	0.000000e+00	9.000000e+00	0	0
##	[15109,]	0.000000e+00	4.900000e+01	900	0
##	[15110,]	1.024000e+03	7.784100e+04	1068505344	0
##	[15111,]	0.000000e+00	0.000000e+00	4	0
##	[15112,]	0.000000e+00	0.000000e+00	0	0

##	[15113,]	0.000000e+00	0.000000e+00	1	0
##	[15114,]	0.000000e+00	4.000000e+00	20736	0
##	[15115,]	4.747210e+05	2.958400e+06	49	0
##	[15116,]	0.000000e+00	0.000000e+00	0	0
##	[15117,]	0.000000e+00	0.000000e+00	0	0
##	[15118,]	0.000000e+00	4.410000e+02	0	0
##	[15119,]	0.000000e+00	0.000000e+00	0	0
##	[15120,]	0.000000e+00	0.000000e+00	0	0
##	[15121,]	0.000000e+00	0.000000e+00	0	0
##	[15122,]	0.000000e+00	0.000000e+00	0	0
##	[15123,]	0.000000e+00	0.000000e+00	0	0
##	[15124,]	0.000000e+00	0.000000e+00	0	0
##	[15125,]	0.000000e+00	1.000000e+00	0	0
##	[15126,]	6.400000e+01	1.537600e+04	22801	0
##	[15127,]	0.000000e+00	0.000000e+00	0	0
##	[15128,]	0.000000e+00	1.000000e+00	25	0
##	[15129,]	0.000000e+00	0.000000e+00	0	0
##	[15130,]	0.000000e+00	0.000000e+00	0	0
##	[15131,]	0.000000e+00	0.000000e+00	0	0
##	[15132,]	0.000000e+00	0.000000e+00	0	0
##	[15133,]	0.000000e+00	0.000000e+00	0	0
##	[15134,]	0.000000e+00	0.000000e+00	0	0
##	[15135,]	6.002500e+04	9.126441e+06	242580625	676
##	[15136,]	0.000000e+00	0.000000e+00	0	0
##	[15137,]	0.000000e+00	0.000000e+00	0	0
##	[15138,]	0.000000e+00	3.600000e+01	0	0
##	[15139,]	0.000000e+00	0.000000e+00	0	0
##	[15140,]	0.000000e+00	0.000000e+00	0	0
##	[15141,]	0.000000e+00	9.000000e+00	1	0
##	[15142,]	6.400000e+01	9.486400e+04	91809	1
##	[15143,]	0.000000e+00	1.000000e+00	0	0
##	[15144,]	2.401000e+03	2.510010e+05	4489	0
##	[15145,]	0.000000e+00	0.000000e+00	0	0
##	[15146,]	0.000000e+00	8.410000e+02	4	0
##	[15147,]	0.000000e+00	1.000000e+00	0	0
##	[15148,]	3.600000e+01	4.120900e+04	484	0
##	[15149,]	0.000000e+00	4.000000e+00	0	0
##	[15150,]	1.587600e+04	2.975625e+06	121104	4
##	[15151,]	0.000000e+00	4.000000e+00	0	0
##	[15152,]	0.000000e+00	2.500000e+03	729	0
##	[15153,]	0.000000e+00	0.000000e+00	0	0
##	[15154,]	5.760000e+02	1.764000e+05	134689	9
##	[15155,]	0.000000e+00	1.000000e+00	0	0
##	[15156,]	0.000000e+00	0.000000e+00	0	0
##	[15157,]	2.250000e+02	3.132900e+04	678976	16
##	[15158,]	1.000000e+00	1.210000e+02	1444	0
##	[15159,]	0.000000e+00	0.000000e+00	0	0
##	[15160,]	1.000000e+00	1.440000e+02	5184	1
##	[15161,]	0.000000e+00	4.000000e+00	0	0
##	[15162,]	1.000000e+02	4.900000e+03	5564881	9
##	[15163,]	0.000000e+00	0.000000e+00	0	0
##	[15164,]	4.410000e+02	1.638400e+04	134792100	196
##	[15165,]	0.000000e+00	0.000000e+00	1	0
##	[15166,]	0.000000e+00	9.000000e+00	20164	0

##	[15167,]	0.000000e+00	0.000000e+00	0	0
##	[15168,]	2.275290e+05	2.752281e+06	121	0
##	[15169,]	0.000000e+00	2.560000e+02	0	0
##	[15170,]	0.000000e+00	0.000000e+00	0	0
##	[15171,]	0.000000e+00	0.000000e+00	0	0
##	[15172,]	0.000000e+00	0.000000e+00	0	0
##	[15173,]	0.000000e+00	0.000000e+00	0	0
##	[15174,]	0.000000e+00	0.000000e+00	0	0
##	[15175,]	4.900000e+01	7.396000e+03	14641	1
##	[15176,]	0.000000e+00	0.000000e+00	0	0
##	[15177,]	0.000000e+00	0.000000e+00	0	0
##	[15178,]	0.000000e+00	3.600000e+01	16	0
##	[15179,]	0.000000e+00	0.000000e+00	0	0
##	[15180,]	0.000000e+00	0.000000e+00	0	0
##	[15181,]	0.000000e+00	0.000000e+00	0	0
##	[15182,]	0.000000e+00	0.000000e+00	0	0
##	[15183,]	0.000000e+00	0.000000e+00	0	0
##	[15184,]	0.000000e+00	3.600000e+01	36	0
##	[15185,]	0.000000e+00	0.000000e+00	0	0
##	[15186,]	0.000000e+00	0.000000e+00	0	0
##	[15187,]	0.000000e+00	0.000000e+00	0	0
##	[15188,]	1.000000e+02	1.017610e+05	62500	1
##	[15189,]	4.665600e+04	1.268784e+07	83448225	4900
##	[15190,]	0.000000e+00	1.600000e+01	36	1
##	[15191,]	0.000000e+00	1.000000e+00	0	0
##	[15192,]	8.410000e+02	3.294760e+05	2916	0
##	[15193,]	0.000000e+00	0.000000e+00	0	0
##	[15194,]	1.000000e+00	9.610000e+02	4	0
##	[15195,]	0.000000e+00	4.000000e+00	1	0
##	[15196,]	1.416100e+04	4.468996e+06	166464	0
##	[15197,]	2.500000e+01	4.708900e+04	529	1
##	[15198,]	0.000000e+00	9.000000e+00	0	0
##	[15199,]	1.000000e+00	1.849000e+03	676	0
##	[15200,]	6.250000e+02	2.323240e+05	189225	25
##	[15201,]	0.000000e+00	0.000000e+00	0	0
##	[15202,]	0.000000e+00	4.000000e+00	4	0
##	[15203,]	1.000000e+00	3.610000e+02	1444	0
##	[15204,]	1.960000e+02	4.243600e+04	659344	64
##	[15205,]	0.000000e+00	0.000000e+00	9	0
##	[15206,]	0.000000e+00	1.000000e+00	4	0
##	[15207,]	0.000000e+00	3.600000e+01	5776	0
##	[15208,]	2.250000e+02	8.464000e+03	4301476	225
##	[15209,]	0.000000e+00	0.000000e+00	1	0
##	[15210,]	0.000000e+00	1.000000e+00	9	1
##	[15211,]	0.000000e+00	0.000000e+00	0	0
##	[15212,]	4.000000e+00	9.000000e+00	7225	0
##	[15213,]	1.960000e+02	8.836000e+03	28643904	1764
##	[15214,]	0.000000e+00	0.000000e+00	0	0
##	[15215,]	0.000000e+00	1.690000e+02	0	0
##	[15216,]	0.000000e+00	0.000000e+00	0	0
##	[15217,]	0.000000e+00	0.000000e+00	0	0
##	[15218,]	9.424900e+04	1.464100e+06	64	0
##	[15219,]	0.000000e+00	0.000000e+00	0	0
##	[15220,]	0.000000e+00	0.000000e+00	0	0

##	[15221,]	0.000000e+00	0.000000e+00	0	0
##	[15222,]	0.000000e+00	0.000000e+00	0	0
##	[15223,]	0.000000e+00	1.000000e+02	49	1
##	[15224,]	0.000000e+00	0.000000e+00	0	0
##	[15225,]	1.210000e+02	2.044900e+04	23409	0
##	[15226,]	0.000000e+00	1.000000e+00	0	0
##	[15227,]	0.000000e+00	0.000000e+00	0	0
##	[15228,]	0.000000e+00	0.000000e+00	0	0
##	[15229,]	0.000000e+00	0.000000e+00	0	0
##	[15230,]	0.000000e+00	0.000000e+00	0	0
##	[15231,]	0.000000e+00	0.000000e+00	0	0
##	[15232,]	0.000000e+00	0.000000e+00	0	0
##	[15233,]	0.000000e+00	4.000000e+00	9	0
##	[15234,]	0.000000e+00	4.900000e+01	16	0
##	[15235,]	0.000000e+00	0.000000e+00	0	0
##	[15236,]	5.152900e+04	1.045229e+07	84400969	11236
##	[15237,]	0.000000e+00	0.000000e+00	0	0
##	[15238,]	8.100000e+01	7.896100e+04	42436	1
##	[15239,]	1.089000e+03	3.147210e+05	8464	1
##	[15240,]	0.000000e+00	0.000000e+00	0	0
##	[15241,]	1.000000e+00	1.024000e+03	0	0
##	[15242,]	0.000000e+00	9.000000e+00	1	0
##	[15243,]	0.000000e+00	1.000000e+00	0	0
##	[15244,]	1.664100e+04	3.779136e+06	175561	36
##	[15245,]	6.400000e+01	3.802500e+04	400	0
##	[15246,]	0.000000e+00	9.000000e+00	1	0
##	[15247,]	0.000000e+00	1.600000e+03	529	0
##	[15248,]	7.290000e+02	1.398760e+05	225625	36
##	[15249,]	0.000000e+00	1.000000e+00	1	0
##	[15250,]	0.000000e+00	1.000000e+00	0	0
##	[15251,]	0.000000e+00	1.000000e+02	2209	0
##	[15252,]	2.250000e+02	2.788900e+04	893025	576
##	[15253,]	0.000000e+00	0.000000e+00	0	0
##	[15254,]	0.000000e+00	0.000000e+00	1	0
##	[15255,]	0.000000e+00	1.600000e+01	2809	1
##	[15256,]	2.250000e+02	1.020100e+04	3924361	196
##	[15257,]	0.000000e+00	0.000000e+00	1	0
##	[15258,]	0.000000e+00	0.000000e+00	0	0
##	[15259,]	6.400000e+01	7.396000e+03	27825625	3025
##	[15260,]	0.000000e+00	0.000000e+00	1	0
##	[15261,]	0.000000e+00	0.000000e+00	1	0
##	[15262,]	0.000000e+00	0.000000e+00	3969	0
##	[15263,]	0.000000e+00	1.600000e+01	0	0
##	[15264,]	0.000000e+00	0.000000e+00	0	0
##	[15265,]	9.734400e+04	1.240996e+06	25	0
##	[15266,]	0.000000e+00	0.000000e+00	0	0
##	[15267,]	0.000000e+00	0.000000e+00	0	0
##	[15268,]	0.000000e+00	0.000000e+00	0	0
##	[15269,]	0.000000e+00	0.000000e+00	0	0
##	[15270,]	0.000000e+00	0.000000e+00	0	0
##	[15271,]	0.000000e+00	0.000000e+00	0	0
##	[15272,]	0.000000e+00	0.000000e+00	0	0
##	[15273,]	6.400000e+01	2.016400e+04	24649	4
##	[15274,]	0.000000e+00	9.000000e+00	25	0

##	[15275,]	0.000000e+00	0.000000e+00	0	0
##	[15276,]	0.000000e+00	0.000000e+00	0	0
##	[15277,]	0.000000e+00	0.000000e+00	0	0
##	[15278,]	0.000000e+00	0.000000e+00	0	0
##	[15279,]	0.000000e+00	0.000000e+00	0	0
##	[15280,]	1.000000e+00	0.000000e+00	0	0
##	[15281,]	0.000000e+00	1.000000e+00	4	0
##	[15282,]	1.600000e+01	1.690000e+04	91204	1
##	[15283,]	2.689600e+04	2.849344e+06	16826404	1369
##	[15284,]	0.000000e+00	2.500000e+01	1	0
##	[15285,]	0.000000e+00	0.000000e+00	0	0
##	[15286,]	0.000000e+00	0.000000e+00	0	0
##	[15287,]	0.000000e+00	1.690000e+02	0	0
##	[15288,]	0.000000e+00	0.000000e+00	0	0
##	[15289,]	0.000000e+00	0.000000e+00	0	0
##	[15290,]	1.156000e+03	7.236100e+04	900	0
##	[15291,]	0.000000e+00	0.000000e+00	0	0
##	[15292,]	0.000000e+00	1.600000e+01	0	0
##	[15293,]	1.600000e+01	7.056000e+03	841	0
##	[15294,]	0.000000e+00	0.000000e+00	0	0
##	[15295,]	0.000000e+00	0.000000e+00	0	0
##	[15296,]	7.056000e+03	9.331560e+05	81796	9
##	[15297,]	0.000000e+00	4.840000e+02	225	0
##	[15298,]	0.000000e+00	0.000000e+00	1	0
##	[15299,]	1.000000e+00	0.000000e+00	0	0
##	[15300,]	4.410000e+02	4.579600e+04	78400	25
##	[15301,]	0.000000e+00	0.000000e+00	0	0
##	[15302,]	0.000000e+00	1.000000e+00	0	0
##	[15303,]	0.000000e+00	0.000000e+00	0	0
##	[15304,]	0.000000e+00	2.500000e+01	1600	0
##	[15305,]	0.000000e+00	1.000000e+00	4	0
##	[15306,]	6.400000e+01	1.638400e+04	476100	64
##	[15307,]	0.000000e+00	0.000000e+00	0	0
##	[15308,]	0.000000e+00	0.000000e+00	0	0
##	[15309,]	0.000000e+00	2.500000e+01	5329	0
##	[15310,]	0.000000e+00	0.000000e+00	0	0
##	[15311,]	6.400000e+01	5.041000e+03	1272384	49
##	[15312,]	0.000000e+00	0.000000e+00	0	0
##	[15313,]	0.000000e+00	1.000000e+00	21025	1
##	[15314,]	0.000000e+00	0.000000e+00	0	0
##	[15315,]	0.000000e+00	0.000000e+00	0	0
##	[15316,]	8.100000e+01	1.600000e+03	2849344	196
##	[15317,]	0.000000e+00	4.000000e+00	0	0
##	[15318,]	2.624400e+04	2.180890e+05	9	0
##	[15319,]	0.000000e+00	0.000000e+00	0	0
##	[15320,]	0.000000e+00	0.000000e+00	0	0
##	[15321,]	0.000000e+00	0.000000e+00	0	0
##	[15322,]	0.000000e+00	0.000000e+00	0	0
##	[15323,]	0.000000e+00	0.000000e+00	0	0
##	[15324,]	0.000000e+00	0.000000e+00	0	0
##	[15325,]	0.000000e+00	0.000000e+00	0	0
##	[15326,]	0.000000e+00	0.000000e+00	0	0
##	[15327,]	0.000000e+00	0.000000e+00	0	0
##	[15328,]	0.000000e+00	0.000000e+00	0	0

##	[15329,]	0.000000e+00	1.000000e+00	16	0
##	[15330,]	2.500000e+01	5.476000e+03	12100	1
##	[15331,]	0.000000e+00	0.000000e+00	0	0
##	[15332,]	0.000000e+00	0.000000e+00	0	0
##	[15333,]	0.000000e+00	0.000000e+00	0	0
##	[15334,]	0.000000e+00	0.000000e+00	0	0
##	[15335,]	0.000000e+00	0.000000e+00	0	0
##	[15336,]	0.000000e+00	0.000000e+00	0	0
##	[15337,]	0.000000e+00	1.000000e+00	1	0
##	[15338,]	0.000000e+00	9.000000e+00	1	0
##	[15339,]	6.400000e+01	1.960000e+04	92416	4
##	[15340,]	0.000000e+00	0.000000e+00	0	0
##	[15341,]	0.000000e+00	0.000000e+00	0	0
##	[15342,]	4.665600e+04	2.772225e+06	42653961	4489
##	[15343,]	0.000000e+00	0.000000e+00	0	0
##	[15344,]	0.000000e+00	0.000000e+00	0	0
##	[15345,]	1.296000e+03	8.643600e+04	7225	0
##	[15346,]	0.000000e+00	0.000000e+00	0	0
##	[15347,]	0.000000e+00	0.000000e+00	0	0
##	[15348,]	0.000000e+00	4.000000e+02	1	0
##	[15349,]	0.000000e+00	1.000000e+00	1	0
##	[15350,]	9.000000e+00	7.396000e+03	625	0
##	[15351,]	1.488400e+04	8.464000e+05	167281	64
##	[15352,]	0.000000e+00	1.000000e+00	0	0
##	[15353,]	4.000000e+00	2.890000e+02	1444	4
##	[15354,]	4.000000e+02	3.841600e+04	195364	100
##	[15355,]	0.000000e+00	4.000000e+00	1	0
##	[15356,]	0.000000e+00	0.000000e+00	0	0
##	[15357,]	4.840000e+02	1.664100e+04	722500	100
##	[15358,]	4.000000e+00	1.000000e+02	1681	0
##	[15359,]	0.000000e+00	0.000000e+00	0	0
##	[15360,]	0.000000e+00	0.000000e+00	0	0
##	[15361,]	0.000000e+00	9.000000e+00	4356	0
##	[15362,]	6.400000e+01	3.844000e+03	3111696	324
##	[15363,]	0.000000e+00	0.000000e+00	0	0
##	[15364,]	0.000000e+00	0.000000e+00	0	0
##	[15365,]	0.000000e+00	0.000000e+00	0	0
##	[15366,]	0.000000e+00	0.000000e+00	0	0
##	[15367,]	6.400000e+01	4.096000e+03	8886361	441
##	[15368,]	1.000000e+00	1.600000e+01	17689	0
##	[15369,]	1.000000e+00	3.600000e+01	0	0
##	[15370,]	8.526400e+04	3.069160e+05	81	0
##	[15371,]	0.000000e+00	0.000000e+00	0	0
##	[15372,]	0.000000e+00	0.000000e+00	0	0
##	[15373,]	0.000000e+00	0.000000e+00	0	0
##	[15374,]	0.000000e+00	0.000000e+00	0	0
##	[15375,]	0.000000e+00	0.000000e+00	0	0
##	[15376,]	0.000000e+00	0.000000e+00	0	0
##	[15377,]	0.000000e+00	0.000000e+00	0	0
##	[15378,]	0.000000e+00	1.000000e+00	1	0
##	[15379,]	4.000000e+00	5.041000e+03	80656	16
##	[15380,]	0.000000e+00	0.000000e+00	9	0
##	[15381,]	0.000000e+00	0.000000e+00	0	0
##	[15382,]	0.000000e+00	0.000000e+00	0	0

##	[15383,]	0.000000e+00	0.000000e+00	0	0
##	[15384,]	0.000000e+00	0.000000e+00	0	0
##	[15385,]	5.522500e+04	1.322500e+06	51926436	5776
##	[15386,]	0.000000e+00	0.000000e+00	0	0
##	[15387,]	0.000000e+00	0.000000e+00	0	0
##	[15388,]	0.000000e+00	0.000000e+00	0	0
##	[15389,]	0.000000e+00	1.000000e+00	1	0
##	[15390,]	0.000000e+00	0.000000e+00	0	0
##	[15391,]	0.000000e+00	9.000000e+00	1	0
##	[15392,]	1.000000e+02	1.795600e+04	118336	9
##	[15393,]	2.401000e+03	3.496900e+04	18769	0
##	[15394,]	0.000000e+00	0.000000e+00	0	0
##	[15395,]	0.000000e+00	1.000000e+00	0	0
##	[15396,]	1.000000e+00	2.560000e+02	9	0
##	[15397,]	1.537600e+04	4.108810e+05	463761	64
##	[15398,]	4.900000e+01	6.561000e+03	900	4
##	[15399,]	0.000000e+00	0.000000e+00	0	0
##	[15400,]	0.000000e+00	4.000000e+00	0	0
##	[15401,]	1.000000e+00	3.610000e+02	400	0
##	[15402,]	0.000000e+00	1.000000e+00	1	0
##	[15403,]	3.240000e+02	1.904400e+04	466489	81
##	[15404,]	0.000000e+00	0.000000e+00	1	0
##	[15405,]	0.000000e+00	0.000000e+00	0	0
##	[15406,]	0.000000e+00	1.210000e+02	2401	0
##	[15407,]	6.250000e+02	5.625000e+03	902500	441
##	[15408,]	0.000000e+00	0.000000e+00	0	0
##	[15409,]	0.000000e+00	2.500000e+01	5929	0
##	[15410,]	6.400000e+01	2.209000e+03	2566404	256
##	[15411,]	0.000000e+00	0.000000e+00	0	0
##	[15412,]	0.000000e+00	0.000000e+00	0	0
##	[15413,]	0.000000e+00	0.000000e+00	0	0
##	[15414,]	1.000000e+00	4.000000e+00	27225	1
##	[15415,]	1.210000e+02	3.844000e+03	9941409	484
##	[15416,]	0.000000e+00	0.000000e+00	0	0
##	[15417,]	7.617600e+04	1.874890e+05	81	0
##	[15418,]	0.000000e+00	0.000000e+00	0	0
##	[15419,]	0.000000e+00	1.600000e+01	0	0
##	[15420,]	0.000000e+00	0.000000e+00	0	0
##	[15421,]	0.000000e+00	0.000000e+00	0	0
##	[15422,]	0.000000e+00	0.000000e+00	0	0
##	[15423,]	0.000000e+00	0.000000e+00	0	0
##	[15424,]	0.000000e+00	0.000000e+00	0	0
##	[15425,]	0.000000e+00	1.000000e+00	25	0
##	[15426,]	0.000000e+00	0.000000e+00	0	0
##	[15427,]	0.000000e+00	0.000000e+00	0	0
##	[15428,]	4.900000e+01	1.369000e+03	425104	64
##	[15429,]	0.000000e+00	0.000000e+00	0	0
##	[15430,]	0.000000e+00	0.000000e+00	0	0
##	[15431,]	0.000000e+00	0.000000e+00	0	0
##	[15432,]	0.000000e+00	0.000000e+00	0	0
##	[15433,]	3.168400e+04	1.256641e+06	62552281	8281
##	[15434,]	0.000000e+00	0.000000e+00	0	0
##	[15435,]	0.000000e+00	0.000000e+00	0	0
##	[15436,]	0.000000e+00	9.000000e+00	4	0

##	[15437,]	9.000000e+00	6.724000e+03	388129	16
##	[15438,]	0.000000e+00	0.000000e+00	0	0
##	[15439,]	0.000000e+00	1.000000e+00	0	0
##	[15440,]	0.000000e+00	0.000000e+00	0	0
##	[15441,]	0.000000e+00	0.000000e+00	0	0
##	[15442,]	4.840000e+02	3.459600e+04	14641	4
##	[15443,]	0.000000e+00	0.000000e+00	1	0
##	[15444,]	1.000000e+00	8.100000e+01	64	0
##	[15445,]	0.000000e+00	0.000000e+00	0	0
##	[15446,]	1.000000e+04	2.948490e+05	408321	25
##	[15447,]	0.000000e+00	9.000000e+00	1	0
##	[15448,]	4.000000e+00	1.936000e+03	4489	9
##	[15449,]	0.000000e+00	4.900000e+01	4624	1
##	[15450,]	1.960000e+02	1.795600e+04	376996	100
##	[15451,]	0.000000e+00	0.000000e+00	0	0
##	[15452,]	0.000000e+00	0.000000e+00	0	0
##	[15453,]	0.000000e+00	1.000000e+00	0	0
##	[15454,]	0.000000e+00	1.210000e+02	3025	0
##	[15455,]	1.000000e+02	7.921000e+03	1232100	196
##	[15456,]	0.000000e+00	0.000000e+00	0	0
##	[15457,]	0.000000e+00	0.000000e+00	0	0
##	[15458,]	0.000000e+00	0.000000e+00	0	0
##	[15459,]	0.000000e+00	3.600000e+01	11664	0
##	[15460,]	2.250000e+02	4.761000e+03	2917264	484
##	[15461,]	0.000000e+00	2.500000e+01	100489	0
##	[15462,]	0.000000e+00	0.000000e+00	0	0
##	[15463,]	2.890000e+02	1.000000e+04	13816089	1444
##	[15464,]	0.000000e+00	0.000000e+00	0	0
##	[15465,]	0.000000e+00	0.000000e+00	0	0
##	[15466,]	0.000000e+00	1.000000e+00	0	0
##	[15467,]	0.000000e+00	0.000000e+00	0	0
##	[15468,]	2.160900e+04	3.763600e+04	144	0
##	[15469,]	0.000000e+00	0.000000e+00	0	0
##	[15470,]	0.000000e+00	0.000000e+00	0	0
##	[15471,]	0.000000e+00	0.000000e+00	0	0
##	[15472,]	0.000000e+00	0.000000e+00	0	0
##	[15473,]	0.000000e+00	0.000000e+00	0	0
##	[15474,]	0.000000e+00	0.000000e+00	0	0
##	[15475,]	4.900000e+01	1.849000e+03	290521	25
##	[15476,]	0.000000e+00	9.000000e+00	3025	1
##	[15477,]	0.000000e+00	0.000000e+00	0	0
##	[15478,]	0.000000e+00	0.000000e+00	0	0
##	[15479,]	0.000000e+00	0.000000e+00	0	0
##	[15480,]	0.000000e+00	0.000000e+00	0	0
##	[15481,]	0.000000e+00	0.000000e+00	0	0
##	[15482,]	0.000000e+00	0.000000e+00	0	0
##	[15483,]	0.000000e+00	1.000000e+00	1	0
##	[15484,]	0.000000e+00	0.000000e+00	0	0
##	[15485,]	4.494400e+04	7.516890e+05	88943761	11025
##	[15486,]	4.900000e+01	4.624000e+03	990025	100
##	[15487,]	0.000000e+00	4.000000e+00	9	0
##	[15488,]	0.000000e+00	0.000000e+00	0	0
##	[15489,]	1.024000e+03	2.656900e+04	74529	4
##	[15490,]	1.000000e+00	1.960000e+02	1600	1

##	[15491,]	0.000000e+00	0.000000e+00	0	0
##	[15492,]	0.000000e+00	0.000000e+00	0	0
##	[15493,]	0.000000e+00	0.000000e+00	0	0
##	[15494,]	0.000000e+00	1.000000e+00	1	0
##	[15495,]	0.000000e+00	1.000000e+00	0	0
##	[15496,]	1.188100e+04	1.505440e+05	2547216	169
##	[15497,]	3.600000e+01	1.849000e+03	100489	16
##	[15498,]	0.000000e+00	0.000000e+00	0	0
##	[15499,]	0.000000e+00	0.000000e+00	0	0
##	[15500,]	0.000000e+00	3.600000e+01	62001	4
##	[15501,]	2.250000e+02	1.123600e+04	1483524	324
##	[15502,]	0.000000e+00	0.000000e+00	0	0
##	[15503,]	0.000000e+00	0.000000e+00	1	0
##	[15504,]	0.000000e+00	0.000000e+00	0	0
##	[15505,]	1.960000e+02	6.889000e+03	1974025	676
##	[15506,]	0.000000e+00	1.600000e+01	18769	1
##	[15507,]	0.000000e+00	0.000000e+00	0	0
##	[15508,]	0.000000e+00	1.000000e+00	1	0
##	[15509,]	0.000000e+00	0.000000e+00	0	0
##	[15510,]	1.210000e+02	3.969000e+03	3062500	169
##	[15511,]	0.000000e+00	1.000000e+00	7056	0
##	[15512,]	0.000000e+00	0.000000e+00	0	0
##	[15513,]	0.000000e+00	0.000000e+00	0	0
##	[15514,]	0.000000e+00	0.000000e+00	28224	4
##	[15515,]	0.000000e+00	0.000000e+00	1	0
##	[15516,]	9.610000e+02	4.096000e+03	10169721	1089
##	[15517,]	0.000000e+00	0.000000e+00	0	0
##	[15518,]	0.000000e+00	0.000000e+00	0	0
##	[15519,]	0.000000e+00	4.000000e+00	9	0
##	[15520,]	0.000000e+00	0.000000e+00	0	0
##	[15521,]	3.385600e+04	4.410000e+04	529	0
##	[15522,]	0.000000e+00	0.000000e+00	0	0
##	[15523,]	0.000000e+00	0.000000e+00	0	0
##	[15524,]	0.000000e+00	0.000000e+00	0	0
##	[15525,]	0.000000e+00	0.000000e+00	0	0
##	[15526,]	0.000000e+00	0.000000e+00	0	0
##	[15527,]	0.000000e+00	0.000000e+00	0	0
##	[15528,]	0.000000e+00	0.000000e+00	0	0
##	[15529,]	2.500000e+01	2.601000e+03	2948089	324
##	[15530,]	0.000000e+00	0.000000e+00	0	0
##	[15531,]	0.000000e+00	0.000000e+00	0	0
##	[15532,]	0.000000e+00	4.000000e+00	157609	4
##	[15533,]	0.000000e+00	0.000000e+00	1	0
##	[15534,]	0.000000e+00	0.000000e+00	0	0
##	[15535,]	0.000000e+00	0.000000e+00	0	0
##	[15536,]	0.000000e+00	0.000000e+00	0	0
##	[15537,]	0.000000e+00	0.000000e+00	0	0
##	[15538,]	0.000000e+00	0.000000e+00	0	0
##	[15539,]	0.000000e+00	4.000000e+00	1	1
##	[15540,]	1.600000e+01	6.084000e+03	9180900	2209
##	[15541,]	0.000000e+00	0.000000e+00	0	0
##	[15542,]	0.000000e+00	9.000000e+00	9	0
##	[15543,]	0.000000e+00	0.000000e+00	0	0
##	[15544,]	0.000000e+00	0.000000e+00	0	0

##	[15545,]	0.000000e+00	0.000000e+00	0	0
##	[15546,]	5.856400e+04	1.104601e+06	119333776	38025
##	[15547,]	1.521000e+03	2.656900e+04	71824	4
##	[15548,]	0.000000e+00	0.000000e+00	0	0
##	[15549,]	0.000000e+00	1.440000e+02	37249	1
##	[15550,]	0.000000e+00	1.000000e+00	0	0
##	[15551,]	0.000000e+00	1.000000e+00	1	0
##	[15552,]	1.345600e+04	2.381440e+05	2941225	576
##	[15553,]	1.600000e+01	1.849000e+03	1612900	441
##	[15554,]	0.000000e+00	1.000000e+00	1	0
##	[15555,]	0.000000e+00	1.000000e+00	1	0
##	[15556,]	0.000000e+00	1.000000e+00	0	1
##	[15557,]	0.000000e+00	1.960000e+02	859329	196
##	[15558,]	4.840000e+02	1.587600e+04	1988100	1156
##	[15559,]	7.290000e+02	6.561000e+03	2772225	1225
##	[15560,]	0.000000e+00	0.000000e+00	0	0
##	[15561,]	0.000000e+00	1.600000e+01	154449	49
##	[15562,]	0.000000e+00	0.000000e+00	1	0
##	[15563,]	0.000000e+00	0.000000e+00	0	0
##	[15564,]	0.000000e+00	0.000000e+00	0	0
##	[15565,]	0.000000e+00	9.000000e+00	11664	9
##	[15566,]	2.560000e+02	3.844000e+03	4343056	1764
##	[15567,]	0.000000e+00	0.000000e+00	0	0
##	[15568,]	0.000000e+00	4.000000e+00	19321	1
##	[15569,]	4.840000e+02	1.716100e+04	14303524	3364
##	[15570,]	0.000000e+00	0.000000e+00	0	0
##	[15571,]	4.000000e+00	9.000000e+00	9	0
##	[15572,]	0.000000e+00	0.000000e+00	0	0
##	[15573,]	0.000000e+00	0.000000e+00	0	0
##	[15574,]	5.290000e+04	4.708900e+04	484	4
##	[15575,]	0.000000e+00	0.000000e+00	0	0
##	[15576,]	0.000000e+00	0.000000e+00	0	0
##	[15577,]	0.000000e+00	0.000000e+00	0	0
##	[15578,]	0.000000e+00	0.000000e+00	0	0
##	[15579,]	0.000000e+00	0.000000e+00	0	0
##	[15580,]	6.400000e+01	2.704000e+03	2768896	256
##	[15581,]	0.000000e+00	3.600000e+01	2442969	289
##	[15582,]	0.000000e+00	0.000000e+00	0	0
##	[15583,]	0.000000e+00	0.000000e+00	0	0
##	[15584,]	0.000000e+00	0.000000e+00	0	0
##	[15585,]	0.000000e+00	0.000000e+00	0	0
##	[15586,]	0.000000e+00	0.000000e+00	0	0
##	[15587,]	0.000000e+00	0.000000e+00	0	0
##	[15588,]	0.000000e+00	0.000000e+00	0	0
##	[15589,]	0.000000e+00	1.210000e+02	1	0
##	[15590,]	0.000000e+00	0.000000e+00	0	0
##	[15591,]	0.000000e+00	0.000000e+00	0	0
##	[15592,]	0.000000e+00	1.000000e+00	4	0
##	[15593,]	2.371600e+04	5.416960e+05	68112009	116964
##	[15594,]	1.000000e+00	1.936000e+03	18369796	3721
##	[15595,]	0.000000e+00	0.000000e+00	0	0
##	[15596,]	0.000000e+00	1.000000e+00	0	0
##	[15597,]	1.000000e+00	9.000000e+00	71824	4
##	[15598,]	9.610000e+02	1.416100e+04	45369	36

##	[15599,]	0.000000e+00	1.000000e+00	0	0
##	[15600,]	5.476000e+03	1.162810e+05	2455489	1369
##	[15601,]	0.000000e+00	7.840000e+02	4157521	361
##	[15602,]	0.000000e+00	3.600000e+01	1	0
##	[15603,]	0.000000e+00	0.000000e+00	0	0
##	[15604,]	0.000000e+00	1.600000e+01	0	0
##	[15605,]	0.000000e+00	2.500000e+01	1567504	225
##	[15606,]	1.690000e+02	9.216000e+03	1038361	784
##	[15607,]	2.890000e+02	4.900000e+03	1517824	1296
##	[15608,]	0.000000e+00	0.000000e+00	1	0
##	[15609,]	0.000000e+00	0.000000e+00	0	0
##	[15610,]	0.000000e+00	4.000000e+00	242064	144
##	[15611,]	0.000000e+00	0.000000e+00	1	0
##	[15612,]	1.000000e+02	2.025000e+03	1999396	2304
##	[15613,]	0.000000e+00	0.000000e+00	0	0
##	[15614,]	0.000000e+00	9.000000e+00	16900	100
##	[15615,]	8.100000e+01	4.225000e+03	7884864	34969
##	[15616,]	0.000000e+00	0.000000e+00	0	0
##	[15617,]	0.000000e+00	9.000000e+00	11025	9
##	[15618,]	0.000000e+00	0.000000e+00	0	0
##	[15619,]	0.000000e+00	1.600000e+01	25	0
##	[15620,]	0.000000e+00	0.000000e+00	0	0
##	[15621,]	0.000000e+00	0.000000e+00	0	0
##	[15622,]	2.280100e+04	1.232100e+04	225	0
##	[15623,]	0.000000e+00	0.000000e+00	0	0
##	[15624,]	0.000000e+00	0.000000e+00	0	0
##	[15625,]	0.000000e+00	0.000000e+00	0	0
##	[15626,]	0.000000e+00	0.000000e+00	0	0
##	[15627,]	0.000000e+00	4.900000e+01	6125625	729
##	[15628,]	0.000000e+00	0.000000e+00	0	0
##	[15629,]	3.600000e+01	5.760000e+02	1406596	400
##	[15630,]	0.000000e+00	0.000000e+00	0	0
##	[15631,]	0.000000e+00	0.000000e+00	0	0
##	[15632,]	0.000000e+00	0.000000e+00	0	0
##	[15633,]	0.000000e+00	0.000000e+00	0	0
##	[15634,]	0.000000e+00	0.000000e+00	0	0
##	[15635,]	1.000000e+04	2.510010e+05	141752836	354025
##	[15636,]	4.000000e+00	2.601000e+03	50922496	16384
##	[15637,]	0.000000e+00	0.000000e+00	0	0
##	[15638,]	0.000000e+00	0.000000e+00	1	0
##	[15639,]	0.000000e+00	1.000000e+00	0	0
##	[15640,]	0.000000e+00	0.000000e+00	0	0
##	[15641,]	0.000000e+00	0.000000e+00	0	0
##	[15642,]	0.000000e+00	2.025000e+03	13675204	373321
##	[15643,]	0.000000e+00	0.000000e+00	0	0
##	[15644,]	0.000000e+00	0.000000e+00	0	0
##	[15645,]	0.000000e+00	4.000000e+00	2916	1
##	[15646,]	2.890000e+02	3.481000e+03	75625	16
##	[15647,]	0.000000e+00	6.400000e+01	135424	25
##	[15648,]	0.000000e+00	1.000000e+00	0	0
##	[15649,]	0.000000e+00	4.410000e+02	174724	676
##	[15650,]	3.136000e+03	6.916900e+04	6838225	3249
##	[15651,]	0.000000e+00	0.000000e+00	0	0
##	[15652,]	1.000000e+00	1.156000e+03	13719616	1936

##	[15653,]	0.000000e+00	9.000000e+00	88209	1444
##	[15654,]	0.000000e+00	0.000000e+00	0	0
##	[15655,]	0.000000e+00	0.000000e+00	0	0
##	[15656,]	1.440000e+02	3.721000e+03	2085136	4356
##	[15657,]	1.000000e+00	9.000000e+00	4206601	1764
##	[15658,]	0.000000e+00	1.210000e+02	1800964	8100
##	[15659,]	2.500000e+01	1.936000e+03	6796449	28224
##	[15660,]	0.000000e+00	0.000000e+00	0	0
##	[15661,]	0.000000e+00	0.000000e+00	1	0
##	[15662,]	0.000000e+00	1.600000e+01	654481	225
##	[15663,]	0.000000e+00	3.600000e+01	1623076	22500
##	[15664,]	4.000000e+00	1.600000e+03	9909904	33124
##	[15665,]	0.000000e+00	0.000000e+00	0	0
##	[15666,]	0.000000e+00	1.000000e+00	24336	25
##	[15667,]	0.000000e+00	0.000000e+00	0	0
##	[15668,]	0.000000e+00	0.000000e+00	0	0
##	[15669,]	0.000000e+00	1.000000e+00	2304	289
##	[15670,]	0.000000e+00	4.000000e+00	97969	93636
##	[15671,]	6.400000e+01	1.156000e+03	3301489	13924
##	[15672,]	0.000000e+00	0.000000e+00	0	0
##	[15673,]	0.000000e+00	0.000000e+00	0	0
##	[15674,]	9.216000e+03	2.916000e+03	144	1
##	[15675,]	0.000000e+00	9.000000e+00	25	0
##	[15676,]	0.000000e+00	4.000000e+00	9	0
##	[15677,]	0.000000e+00	0.000000e+00	0	0
##	[15678,]	0.000000e+00	0.000000e+00	0	0
##	[15679,]	0.000000e+00	0.000000e+00	0	0
##	[15680,]	0.000000e+00	0.000000e+00	0	0
##	[15681,]	0.000000e+00	0.000000e+00	0	0
##	[15682,]	0.000000e+00	0.000000e+00	0	0
##	[15683,]	0.000000e+00	9.000000e+00	198916	144
##	[15684,]	0.000000e+00	0.000000e+00	0	0
##	[15685,]	0.000000e+00	0.000000e+00	0	0
##	[15686,]	0.000000e+00	1.000000e+02	15952036	3025
##	[15687,]	4.000000e+00	7.290000e+02	3916441	676
##	[15688,]	0.000000e+00	0.000000e+00	0	0
##	[15689,]	0.000000e+00	0.000000e+00	0	0
##	[15690,]	0.000000e+00	0.000000e+00	0	0
##	[15691,]	0.000000e+00	0.000000e+00	0	0
##	[15692,]	0.000000e+00	0.000000e+00	0	0
##	[15693,]	0.000000e+00	3.240000e+02	11730625	40000
##	[15694,]	2.689600e+04	1.672810e+05	323928004	4016016
##	[15695,]	0.000000e+00	0.000000e+00	0	0
##	[15696,]	0.000000e+00	4.644025e+06	214967613316	5470377444
##	[15697,]	0.000000e+00	1.000000e+00	121	1
##	[15698,]	0.000000e+00	0.000000e+00	0	0
##	[15699,]	9.000000e+00	1.960000e+02	7387524	6241
##	[15700,]	0.000000e+00	1.000000e+00	0	0
##	[15701,]	2.890000e+02	4.840000e+02	165649	16
##	[15702,]	0.000000e+00	0.000000e+00	0	0
##	[15703,]	0.000000e+00	1.254400e+04	10647169	31329
##	[15704,]	0.000000e+00	0.000000e+00	0	0
##	[15705,]	0.000000e+00	4.000000e+00	34225	0
##	[15706,]	0.000000e+00	0.000000e+00	2209	4

##	[15707,]	0.000000e+00	0.000000e+00	0	0
##	[15708,]	4.000000e+00	8.100000e+01	1993744	324
##	[15709,]	4.900000e+03	1.188100e+04	13351716	7744
##	[15710,]	0.000000e+00	3.047040e+05	572453476	10125124
##	[15711,]	0.000000e+00	0.000000e+00	0	0
##	[15712,]	0.000000e+00	1.000000e+00	83521	256
##	[15713,]	0.000000e+00	4.000000e+00	488601	324
##	[15714,]	0.000000e+00	1.000000e+00	0	0
##	[15715,]	0.000000e+00	2.500000e+01	522729	1521
##	[15716,]	4.840000e+02	1.936000e+03	6853924	13225
##	[15717,]	0.000000e+00	5.904900e+04	1122786064	29757025
##	[15718,]	0.000000e+00	1.000000e+00	0	0
##	[15719,]	0.000000e+00	0.000000e+00	0	0
##	[15720,]	0.000000e+00	8.100000e+01	1425636	3364
##	[15721,]	0.000000e+00	2.106810e+05	22587084100	162843121
##	[15722,]	1.000000e+00	0.000000e+00	97969	121
##	[15723,]	0.000000e+00	0.000000e+00	4	0
##	[15724,]	2.560000e+02	2.601000e+03	16900321	56644
##	[15725,]	0.000000e+00	0.000000e+00	0	0
##	[15726,]	1.690000e+02	3.844000e+03	14538969	120409
##	[15727,]	0.000000e+00	0.000000e+00	25	0
##	[15728,]	0.000000e+00	2.970250e+05	51629382841	479872836
##	[15729,]	0.000000e+00	0.000000e+00	8649	144
##	[15730,]	0.000000e+00	4.000000e+00	731025	3721
##	[15731,]	0.000000e+00	1.000000e+00	100489	576
##	[15732,]	6.760000e+02	1.464100e+04	11526025	1468944
##	[15733,]	0.000000e+00	1.000000e+00	256	400
##	[15734,]	0.000000e+00	0.000000e+00	0	0
##	[15735,]	0.000000e+00	0.000000e+00	16	1
##	[15736,]	0.000000e+00	5.953600e+04	647091844	929091361
##	[15737,]	0.000000e+00	2.433600e+04	10816	729
##	[15738,]	0.000000e+00	0.000000e+00	0	0
##	[15739,]	0.000000e+00	0.000000e+00	9	0
##	[15740,]	0.000000e+00	1.000000e+00	0	0
##	[15741,]	0.000000e+00	0.000000e+00	0	0
##	[15742,]	3.686400e+04	1.600000e+03	121	4
##	[15743,]	0.000000e+00	0.000000e+00	0	0
##	[15744,]	0.000000e+00	0.000000e+00	0	0
##	[15745,]	0.000000e+00	0.000000e+00	0	0
##	[15746,]	0.000000e+00	0.000000e+00	0	0
##	[15747,]	0.000000e+00	0.000000e+00	0	0
##	[15748,]	0.000000e+00	0.000000e+00	0	0
##	[15749,]	0.000000e+00	0.000000e+00	0	0
##	[15750,]	0.000000e+00	1.000000e+00	0	0
##	[15751,]	0.000000e+00	1.587600e+04	568774801	1366561
##	[15752,]	0.000000e+00	1.000000e+00	96721	100
##	[15753,]	1.000000e+00	4.000000e+00	1898884	441
##	[15754,]	6.400000e+01	1.521000e+03	13003236	4900
##	[15755,]	0.000000e+00	0.000000e+00	0	0
##	[15756,]	0.000000e+00	0.000000e+00	0	0
##	[15757,]	0.000000e+00	0.000000e+00	0	0
##	[15758,]	0.000000e+00	0.000000e+00	0	0
##	[15759,]	0.000000e+00	0.000000e+00	0	0
##	[15760,]	0.000000e+00	0.000000e+00	0	0

##	[15761,]	0.000000e+00	0.000000e+00	0	0
##	[15762,]	0.000000e+00	0.000000e+00	0	0
##	[15763,]	0.000000e+00	8.880400e+06	242029561225	8009713009
##	[15764,]	0.000000e+00	8.836000e+03	423371776	783225
##	[15765,]	9.000000e+00	3.610000e+02	8242641	74529
##	[15766,]	0.000000e+00	8.100000e+01	169	0
##	[15767,]	3.920400e+04	6.756840e+05	723825216	22410756
##	[15768,]	0.000000e+00	0.000000e+00	0	0
##	[15769,]	0.000000e+00	1.000000e+00	0	0
##	[15770,]	0.000000e+00	4.900000e+01	1094116	361
##	[15771,]	4.840000e+02	7.840000e+02	396900	100
##	[15772,]	0.000000e+00	4.000000e+00	16129	36
##	[15773,]	0.000000e+00	2.073600e+04	35724529	82369
##	[15774,]	0.000000e+00	1.681000e+03	69372241	19044
##	[15775,]	4.624000e+03	3.097600e+04	26419600	13924
##	[15776,]	1.000000e+00	1.440000e+02	2396304	484
##	[15777,]	0.000000e+00	7.378810e+05	3511866121	23270976
##	[15778,]	0.000000e+00	1.600000e+01	1	0
##	[15779,]	1.000000e+00	9.000000e+00	638401	361
##	[15780,]	0.000000e+00	9.610000e+02	36505764	25600
##	[15781,]	0.000000e+00	9.000000e+00	9	0
##	[15782,]	0.000000e+00	2.777290e+05	7275407616	66732561
##	[15783,]	1.210000e+02	5.929000e+03	17909824	29584
##	[15784,]	0.000000e+00	1.000000e+00	16	0
##	[15785,]	0.000000e+00	1.000000e+00	81225	256
##	[15786,]	0.000000e+00	1.000000e+02	10150596	24964
##	[15787,]	0.000000e+00	3.684490e+05	31655526400	223891369
##	[15788,]	1.690000e+02	1.123600e+04	21399876	154449
##	[15789,]	6.250000e+02	1.960000e+04	22287841	555025
##	[15790,]	0.000000e+00	2.227840e+05	19727326116	209699361
##	[15791,]	0.000000e+00	0.000000e+00	4	0
##	[15792,]	0.000000e+00	1.600000e+01	2056356	21904
##	[15793,]	1.000000e+00	0.000000e+00	5776	1681
##	[15794,]	3.481000e+03	8.702500e+04	57078025	10863616
##	[15795,]	0.000000e+00	1.376410e+05	531625249	2187713529
##	[15796,]	0.000000e+00	0.000000e+00	9	0
##	[15797,]	0.000000e+00	1.000000e+00	290521	68644
##	[15798,]	0.000000e+00	1.000000e+00	1296	28561
##	[15799,]	2.280100e+04	9.610000e+02	225	0
##	[15800,]	0.000000e+00	1.600000e+01	4	1
##	[15801,]	0.000000e+00	4.243600e+04	72361	2809
##	[15802,]	0.000000e+00	0.000000e+00	1	0
##	[15803,]	0.000000e+00	0.000000e+00	0	0
##	[15804,]	0.000000e+00	0.000000e+00	0	0
##	[15805,]	0.000000e+00	0.000000e+00	0	0
##	[15806,]	0.000000e+00	0.000000e+00	0	0
##	[15807,]	0.000000e+00	0.000000e+00	0	0
##	[15808,]	0.000000e+00	0.000000e+00	0	0
##	[15809,]	2.500000e+01	1.764000e+03	14017536	5929
##	[15810,]	0.000000e+00	2.890000e+04	1278992169	2464900
##	[15811,]	0.000000e+00	1.000000e+00	1	0
##	[15812,]	0.000000e+00	2.500000e+01	2979076	1369
##	[15813,]	0.000000e+00	5.290000e+02	82065481	23409
##	[15814,]	0.000000e+00	0.000000e+00	0	0

##	[15815,]	0.000000e+00	0.000000e+00	0	0
##	[15816,]	0.000000e+00	0.000000e+00	0	0
##	[15817,]	0.000000e+00	0.000000e+00	0	0
##	[15818,]	0.000000e+00	0.000000e+00	0	0
##	[15819,]	0.000000e+00	1.276633e+07	238775890609	7137039361
##	[15820,]	0.000000e+00	0.000000e+00	0	0
##	[15821,]	1.795600e+04	2.970250e+05	369254656	40819321
##	[15822,]	0.000000e+00	0.000000e+00	0	0
##	[15823,]	4.000000e+00	5.290000e+02	2856100	24025
##	[15824,]	0.000000e+00	1.600000e+01	169	4
##	[15825,]	0.000000e+00	1.440000e+04	340181136	1979649
##	[15826,]	0.000000e+00	0.000000e+00	0	0
##	[15827,]	0.000000e+00	0.000000e+00	8464	9
##	[15828,]	2.250000e+02	1.089000e+03	408321	100
##	[15829,]	0.000000e+00	1.600000e+01	777924	196
##	[15830,]	0.000000e+00	0.000000e+00	0	0
##	[15831,]	0.000000e+00	5.904900e+04	156000100	193600
##	[15832,]	3.969000e+03	1.849600e+04	18870336	13924
##	[15833,]	0.000000e+00	9.000000e+00	4	0
##	[15834,]	0.000000e+00	1.855044e+06	12105720676	34421689
##	[15835,]	0.000000e+00	2.500000e+03	43375396	20449
##	[15836,]	1.000000e+00	2.250000e+02	719104	225
##	[15837,]	0.000000e+00	1.600000e+01	221841	676
##	[15838,]	0.000000e+00	5.929000e+05	14135307664	70140625
##	[15839,]	0.000000e+00	1.156000e+03	33942276	24025
##	[15840,]	0.000000e+00	1.000000e+00	1	1
##	[15841,]	1.210000e+02	9.216000e+03	12588304	30276
##	[15842,]	0.000000e+00	3.375610e+05	22690903225	132043081
##	[15843,]	2.560000e+02	5.625000e+03	11492100	135424
##	[15844,]	0.000000e+00	0.000000e+00	1	0
##	[15845,]	0.000000e+00	4.000000e+02	8305924	32041
##	[15846,]	0.000000e+00	0.000000e+00	40000	676
##	[15847,]	0.000000e+00	0.000000e+00	16	0
##	[15848,]	4.900000e+01	4.624000e+03	11195716	844561
##	[15849,]	0.000000e+00	3.600000e+01	2393209	97969
##	[15850,]	1.000000e+00	9.000000e+00	2601	1369
##	[15851,]	0.000000e+00	1.089000e+05	6187710244	91183401
##	[15852,]	0.000000e+00	0.000000e+00	25	1
##	[15853,]	0.000000e+00	8.236900e+04	321915364	2377440081
##	[15854,]	0.000000e+00	3.600000e+01	519841	363609
##	[15855,]	4.840000e+02	1.876900e+04	15594601	23040000
##	[15856,]	0.000000e+00	1.000000e+00	784	2304
##	[15857,]	0.000000e+00	3.600000e+01	100	0
##	[15858,]	1.876900e+04	3.721000e+03	1089	0
##	[15859,]	0.000000e+00	0.000000e+00	0	0
##	[15860,]	0.000000e+00	1.260250e+05	266256	5776
##	[15861,]	0.000000e+00	0.000000e+00	0	0
##	[15862,]	0.000000e+00	0.000000e+00	0	0
##	[15863,]	0.000000e+00	0.000000e+00	0	0
##	[15864,]	0.000000e+00	0.000000e+00	0	0
##	[15865,]	0.000000e+00	0.000000e+00	0	0
##	[15866,]	0.000000e+00	0.000000e+00	0	0
##	[15867,]	0.000000e+00	1.000000e+00	767376	121
##	[15868,]	0.000000e+00	2.250000e+02	47858724	14400

##	[15869,]	0.000000e+00	3.572100e+04	1226470441	2347024
##	[15870,]	0.000000e+00	1.000000e+00	0	0
##	[15871,]	3.600000e+01	6.250000e+02	5143824	5625
##	[15872,]	0.000000e+00	0.000000e+00	0	0
##	[15873,]	0.000000e+00	0.000000e+00	0	0
##	[15874,]	0.000000e+00	0.000000e+00	0	0
##	[15875,]	0.000000e+00	0.000000e+00	0	0
##	[15876,]	0.000000e+00	0.000000e+00	0	0
##	[15877,]	2.890000e+04	1.339560e+05	210250000	24127744
##	[15878,]	0.000000e+00	6.889000e+03	80442961	8649481
##	[15879,]	0.000000e+00	0.000000e+00	0	0
##	[15880,]	0.000000e+00	2.560000e+02	724201	30976
##	[15881,]	0.000000e+00	7.744000e+03	125865961	1468944
##	[15882,]	0.000000e+00	1.600000e+01	9	4
##	[15883,]	0.000000e+00	0.000000e+00	0	0
##	[15884,]	0.000000e+00	1.241858e+07	185144320656	3159339264
##	[15885,]	0.000000e+00	1.600000e+01	90601	196
##	[15886,]	0.000000e+00	0.000000e+00	0	0
##	[15887,]	0.000000e+00	5.953600e+04	215473041	198025
##	[15888,]	0.000000e+00	1.210000e+02	646416	100
##	[15889,]	5.760000e+02	9.610000e+02	123201	36
##	[15890,]	0.000000e+00	1.000000e+00	1225	0
##	[15891,]	0.000000e+00	1.000000e+00	0	0
##	[15892,]	0.000000e+00	2.304324e+06	14857659664	24980004
##	[15893,]	0.000000e+00	1.210000e+02	3104644	6084
##	[15894,]	0.000000e+00	3.600000e+01	152100	81
##	[15895,]	7.396000e+03	9.409000e+03	7431076	6561
##	[15896,]	0.000000e+00	6.250000e+02	18740241	6889
##	[15897,]	8.100000e+01	1.444000e+03	6656400	28900
##	[15898,]	0.000000e+00	9.000000e+00	1	0
##	[15899,]	0.000000e+00	5.372890e+05	15867685089	38987536
##	[15900,]	0.000000e+00	3.600000e+01	7043716	33489
##	[15901,]	0.000000e+00	9.000000e+00	44521	225
##	[15902,]	0.000000e+00	6.250000e+02	9205156	12769
##	[15903,]	0.000000e+00	1.000000e+00	19321	1024
##	[15904,]	0.000000e+00	2.652250e+05	11228369296	37638225
##	[15905,]	0.000000e+00	0.000000e+00	1	0
##	[15906,]	0.000000e+00	2.890000e+02	5574321	48841
##	[15907,]	0.000000e+00	3.240000e+02	2873025	23409
##	[15908,]	2.560000e+02	2.916000e+03	8620096	126736
##	[15909,]	0.000000e+00	0.000000e+00	1	1
##	[15910,]	0.000000e+00	4.000000e+00	4356	3136
##	[15911,]	0.000000e+00	7.182400e+04	2262809761	37797904
##	[15912,]	0.000000e+00	1.960000e+02	938961	136161
##	[15913,]	0.000000e+00	2.500000e+01	970225	47524
##	[15914,]	6.400000e+01	1.444000e+03	8088336	611524
##	[15915,]	0.000000e+00	9.610000e+02	850084	4309776
##	[15916,]	0.000000e+00	6.051600e+04	202009369	1039288644
##	[15917,]	7.290000e+02	1.166400e+04	9381969	12369289
##	[15918,]	0.000000e+00	9.000000e+00	100	4096
##	[15919,]	0.000000e+00	1.600000e+01	138384	403225
##	[15920,]	0.000000e+00	0.000000e+00	0	1
##	[15921,]	0.000000e+00	6.400000e+01	196	0
##	[15922,]	0.000000e+00	0.000000e+00	0	0

##	[15923,]	0.000000e+00	0.000000e+00	0	0
##	[15924,]	0.000000e+00	9.000000e+00	25	4
##	[15925,]	0.000000e+00	3.180960e+05	976144	5184
##	[15926,]	6.200100e+04	8.100000e+03	625	0
##	[15927,]	0.000000e+00	0.000000e+00	0	0
##	[15928,]	0.000000e+00	0.000000e+00	0	0
##	[15929,]	0.000000e+00	0.000000e+00	0	0
##	[15930,]	0.000000e+00	0.000000e+00	0	0
##	[15931,]	0.000000e+00	0.000000e+00	0	0
##	[15932,]	0.000000e+00	0.000000e+00	0	0
##	[15933,]	0.000000e+00	1.210000e+02	12794929	3600
##	[15934,]	0.000000e+00	1.000000e+00	543169	441
##	[15935,]	0.000000e+00	2.280100e+04	439782841	660969
##	[15936,]	0.000000e+00	2.500000e+01	62500	25
##	[15937,]	3.600000e+01	6.760000e+02	2819041	2601
##	[15938,]	0.000000e+00	0.000000e+00	0	0
##	[15939,]	0.000000e+00	0.000000e+00	0	0
##	[15940,]	0.000000e+00	0.000000e+00	0	0
##	[15941,]	0.000000e+00	0.000000e+00	0	0
##	[15942,]	0.000000e+00	0.000000e+00	0	0
##	[15943,]	0.000000e+00	0.000000e+00	0	0
##	[15944,]	0.000000e+00	0.000000e+00	0	0
##	[15945,]	1.345600e+04	9.672100e+04	50197225	5257849
##	[15946,]	0.000000e+00	6.225025e+06	110224000000	1682230225
##	[15947,]	0.000000e+00	0.000000e+00	0	0
##	[15948,]	0.000000e+00	7.208010e+05	2646896704	10304100
##	[15949,]	0.000000e+00	1.000000e+00	169	16
##	[15950,]	0.000000e+00	0.000000e+00	0	0
##	[15951,]	0.000000e+00	4.410000e+02	5280804	109561
##	[15952,]	0.000000e+00	1.600000e+01	79524	23409
##	[15953,]	0.000000e+00	5.382400e+04	326344225	363609
##	[15954,]	0.000000e+00	3.249000e+03	649636	169
##	[15955,]	0.000000e+00	0.000000e+00	25	0
##	[15956,]	0.000000e+00	1.600000e+01	56644	1
##	[15957,]	0.000000e+00	0.000000e+00	0	0
##	[15958,]	0.000000e+00	0.000000e+00	0	0
##	[15959,]	6.760000e+02	1.024000e+03	44521	49
##	[15960,]	0.000000e+00	4.000000e+00	9409	144
##	[15961,]	0.000000e+00	1.459264e+06	15902218816	18003049
##	[15962,]	0.000000e+00	6.400000e+01	1234321	1089
##	[15963,]	2.025000e+03	4.096000e+03	1760929	3844
##	[15964,]	0.000000e+00	8.122500e+04	102475129	98596
##	[15965,]	0.000000e+00	0.000000e+00	4	0
##	[15966,]	0.000000e+00	0.000000e+00	0	0
##	[15967,]	0.000000e+00	0.000000e+00	0	0
##	[15968,]	0.000000e+00	1.000000e+00	25	0
##	[15969,]	0.000000e+00	2.500000e+01	328329	1156
##	[15970,]	0.000000e+00	2.199610e+05	9044200201	16451136
##	[15971,]	1.000000e+02	2.116000e+03	1510441	7396
##	[15972,]	0.000000e+00	4.368100e+04	185232100	168100
##	[15973,]	0.000000e+00	0.000000e+00	8649	625
##	[15974,]	0.000000e+00	0.000000e+00	4	4
##	[15975,]	0.000000e+00	0.000000e+00	0	0
##	[15976,]	1.000000e+02	2.401000e+03	1562500	20449

##	[15977,]	0.000000e+00	1.000000e+00	2704	841
##	[15978,]	0.000000e+00	4.000000e+00	51529	4356
##	[15979,]	0.000000e+00	8.410000e+04	3603240729	11356900
##	[15980,]	0.000000e+00	2.310400e+04	166281025	389376
##	[15981,]	0.000000e+00	0.000000e+00	8464	5184
##	[15982,]	0.000000e+00	0.000000e+00	16	1
##	[15983,]	0.000000e+00	1.000000e+00	625	1521
##	[15984,]	8.100000e+01	1.444000e+03	1893376	107584
##	[15985,]	0.000000e+00	5.929000e+03	88792929	582169
##	[15986,]	0.000000e+00	2.822400e+04	635140804	17172736
##	[15987,]	0.000000e+00	0.000000e+00	0	0
##	[15988,]	0.000000e+00	0.000000e+00	100	2304
##	[15989,]	0.000000e+00	4.761000e+03	21077281	1179396
##	[15990,]	0.000000e+00	0.000000e+00	0	0
##	[15991,]	2.560000e+02	6.724000e+03	2862864	2778889
##	[15992,]	0.000000e+00	1.638400e+04	56265001	605110801
##	[15993,]	0.000000e+00	0.000000e+00	0	1
##	[15994,]	0.000000e+00	4.000000e+00	3249	15625
##	[15995,]	0.000000e+00	0.000000e+00	0	0
##	[15996,]	0.000000e+00	0.000000e+00	0	0
##	[15997,]	0.000000e+00	3.113640e+05	2073600	2209
##	[15998,]	1.000000e+00	1.000000e+00	0	1
##	[15999,]	0.000000e+00	9.000000e+00	4	0
##	[16000,]	3.097600e+04	9.610000e+02	121	0
##	[16001,]	0.000000e+00	2.016400e+04	1225	1
##	[16002,]	0.000000e+00	0.000000e+00	0	0
##	[16003,]	0.000000e+00	0.000000e+00	0	0
##	[16004,]	0.000000e+00	0.000000e+00	0	0
##	[16005,]	0.000000e+00	0.000000e+00	0	0
##	[16006,]	0.000000e+00	0.000000e+00	0	0
##	[16007,]	0.000000e+00	0.000000e+00	0	0
##	[16008,]	0.000000e+00	0.000000e+00	0	0
##	[16009,]	0.000000e+00	4.000000e+00	1046529	289
##	[16010,]	0.000000e+00	1.156000e+03	5793649	4225
##	[16011,]	0.000000e+00	5.184000e+03	117115684	212521
##	[16012,]	0.000000e+00	0.000000e+00	9216	0
##	[16013,]	0.000000e+00	0.000000e+00	1	0
##	[16014,]	0.000000e+00	0.000000e+00	0	0
##	[16015,]	4.000000e+00	1.210000e+02	249001	324
##	[16016,]	0.000000e+00	0.000000e+00	0	0
##	[16017,]	0.000000e+00	0.000000e+00	0	0
##	[16018,]	0.000000e+00	0.000000e+00	0	0
##	[16019,]	0.000000e+00	0.000000e+00	0	0
##	[16020,]	0.000000e+00	0.000000e+00	0	0
##	[16021,]	0.000000e+00	0.000000e+00	0	0
##	[16022,]	0.000000e+00	0.000000e+00	0	0
##	[16023,]	0.000000e+00	0.000000e+00	0	0
##	[16024,]	0.000000e+00	0.000000e+00	0	0
##	[16025,]	0.000000e+00	0.000000e+00	0	0
##	[16026,]	0.000000e+00	0.000000e+00	0	0
##	[16027,]	0.000000e+00	0.000000e+00	0	0
##	[16028,]	0.000000e+00	0.000000e+00	0	0
##	[16029,]	0.000000e+00	0.000000e+00	0	0
##	[16030,]	0.000000e+00	0.000000e+00	0	0

[illegible]

##	[16085,]	0.000000e+00	0.000000e+00	0	0
##	[16086,]	0.000000e+00	0.000000e+00	0	0
##	[16087,]	0.000000e+00	0.000000e+00	0	0
##	[16088,]	1.040400e+04	0.000000e+00	0	0
##	[16089,]	0.000000e+00	0.000000e+00	0	0
##	[16090,]	0.000000e+00	0.000000e+00	0	0
##	[16091,]	0.000000e+00	0.000000e+00	0	0
##	[16092,]	2.031305e+07	0.000000e+00	0	0
##	[16093,]	0.000000e+00	0.000000e+00	0	0
##	[16094,]	1.600000e+03	0.000000e+00	0	0
##	[16095,]	0.000000e+00	0.000000e+00	0	0
##	[16096,]	0.000000e+00	0.000000e+00	0	0
##	[16097,]	2.007889e+06	0.000000e+00	0	0
##	[16098,]	2.524921e+06	0.000000e+00	0	0
##	[16099,]	0.000000e+00	0.000000e+00	0	0
##	[16100,]	1.397124e+06	0.000000e+00	0	0
##	[16101,]	0.000000e+00	0.000000e+00	0	0
##	[16102,]	0.000000e+00	0.000000e+00	0	0
##	[16103,]	6.100900e+04	0.000000e+00	0	0
##	[16104,]	1.024000e+03	0.000000e+00	0	0
##	[16105,]	0.000000e+00	0.000000e+00	0	0
##	[16106,]	0.000000e+00	0.000000e+00	0	0
##	[16107,]	0.000000e+00	0.000000e+00	0	0
##	[16108,]	0.000000e+00	0.000000e+00	0	0
##	[16109,]	1.918440e+07	0.000000e+00	0	0
##	[16110,]	0.000000e+00	0.000000e+00	0	0
##	[16111,]	0.000000e+00	0.000000e+00	0	0
##	[16112,]	0.000000e+00	0.000000e+00	0	0
##	[16113,]	7.180868e+07	0.000000e+00	0	0
##	[16114,]	0.000000e+00	0.000000e+00	0	0
##	[16115,]	1.276900e+04	0.000000e+00	0	0
##	[16116,]	0.000000e+00	0.000000e+00	0	0
##	[16117,]	7.155625e+06	0.000000e+00	0	0
##	[16118,]	6.880129e+06	0.000000e+00	0	0
##	[16119,]	0.000000e+00	0.000000e+00	0	0
##	[16120,]	0.000000e+00	0.000000e+00	0	0
##	[16121,]	5.688225e+06	0.000000e+00	0	0
##	[16122,]	3.352410e+05	0.000000e+00	0	0
##	[16123,]	0.000000e+00	0.000000e+00	0	0
##	[16124,]	9.409000e+03	0.000000e+00	0	0
##	[16125,]	0.000000e+00	0.000000e+00	0	0
##	[16126,]	0.000000e+00	0.000000e+00	0	0
##	[16127,]	4.000000e+00	0.000000e+00	0	0
##	[16128,]	6.065294e+07	0.000000e+00	0	0
##	[16129,]	0.000000e+00	0.000000e+00	0	0
##	[16130,]	0.000000e+00	0.000000e+00	0	0
##	[16131,]	0.000000e+00	0.000000e+00	0	0
##	[16132,]	4.000000e+00	0.000000e+00	0	0
##	[16133,]	0.000000e+00	0.000000e+00	0	0
##	[16134,]	1.854164e+07	0.000000e+00	0	0
##	[16135,]	1.936000e+03	0.000000e+00	0	0
##	[16136,]	0.000000e+00	0.000000e+00	0	0
##	[16137,]	0.000000e+00	0.000000e+00	0	0
##	[16138,]	1.658944e+06	0.000000e+00	0	0

##	[16139,]	0.000000e+00	0.000000e+00	0	0
##	[16140,]	0.000000e+00	0.000000e+00	0	0
##	[16141,]	1.971216e+06	0.000000e+00	0	0
##	[16142,]	0.000000e+00	0.000000e+00	0	0
##	[16143,]	1.000000e+00	0.000000e+00	0	0
##	[16144,]	1.488400e+06	0.000000e+00	0	0
##	[16145,]	0.000000e+00	0.000000e+00	0	0
##	[16146,]	1.000000e+00	0.000000e+00	0	0
##	[16147,]	0.000000e+00	0.000000e+00	0	0
##	[16148,]	0.000000e+00	0.000000e+00	0	0
##	[16149,]	9.180900e+04	0.000000e+00	0	0
##	[16150,]	0.000000e+00	0.000000e+00	0	0
##	[16151,]	0.000000e+00	0.000000e+00	0	0
##	[16152,]	2.209000e+03	0.000000e+00	0	0
##	[16153,]	0.000000e+00	0.000000e+00	0	0
##	[16154,]	0.000000e+00	0.000000e+00	0	0
##	[16155,]	0.000000e+00	0.000000e+00	0	0
##	[16156,]	1.746404e+07	0.000000e+00	0	0
##	[16157,]	0.000000e+00	0.000000e+00	0	0
##	[16158,]	0.000000e+00	0.000000e+00	0	0
##	[16159,]	0.000000e+00	0.000000e+00	0	0
##	[16160,]	0.000000e+00	0.000000e+00	0	0
##	[16161,]	0.000000e+00	0.000000e+00	0	0
##	[16162,]	8.173881e+06	0.000000e+00	0	0
##	[16163,]	0.000000e+00	0.000000e+00	0	0
##	[16164,]	1.998090e+05	0.000000e+00	0	0
##	[16165,]	0.000000e+00	0.000000e+00	0	0
##	[16166,]	1.296000e+03	0.000000e+00	0	0
##	[16167,]	2.500000e+01	0.000000e+00	0	0
##	[16168,]	8.500840e+05	0.000000e+00	0	0
##	[16169,]	0.000000e+00	0.000000e+00	0	0
##	[16170,]	3.348900e+04	0.000000e+00	0	0
##	[16171,]	6.905610e+05	0.000000e+00	0	0
##	[16172,]	1.612900e+04	0.000000e+00	0	0
##	[16173,]	0.000000e+00	0.000000e+00	0	0
##	[16174,]	8.649000e+03	0.000000e+00	0	0
##	[16175,]	0.000000e+00	0.000000e+00	0	0
##	[16176,]	6.855840e+05	0.000000e+00	0	0
##	[16177,]	4.452100e+04	0.000000e+00	0	0
##	[16178,]	0.000000e+00	0.000000e+00	0	0
##	[16179,]	8.410000e+02	0.000000e+00	0	0
##	[16180,]	0.000000e+00	0.000000e+00	0	0
##	[16181,]	9.610000e+02	0.000000e+00	0	0
##	[16182,]	1.000000e+02	0.000000e+00	0	0
##	[16183,]	0.000000e+00	0.000000e+00	0	0
##	[16184,]	0.000000e+00	0.000000e+00	0	0
##	[16185,]	0.000000e+00	0.000000e+00	0	0
##	[16186,]	0.000000e+00	0.000000e+00	0	0
##	[16187,]	4.384836e+06	0.000000e+00	0	0
##	[16188,]	1.246090e+05	0.000000e+00	0	0
##	[16189,]	9.000000e+00	0.000000e+00	0	0
##	[16190,]	0.000000e+00	0.000000e+00	0	0
##	[16191,]	0.000000e+00	0.000000e+00	0	0
##	[16192,]	3.539060e+07	0.000000e+00	0	0

##	[16193,]	1.075840e+05	0.000000e+00	0	0
##	[16194,]	1.000000e+00	0.000000e+00	0	0
##	[16195,]	3.136000e+03	0.000000e+00	0	0
##	[16196,]	3.600000e+01	0.000000e+00	0	0
##	[16197,]	0.000000e+00	0.000000e+00	0	0
##	[16198,]	1.742400e+04	0.000000e+00	0	0
##	[16199,]	1.000000e+00	0.000000e+00	0	0
##	[16200,]	3.283344e+06	0.000000e+00	0	0
##	[16201,]	0.000000e+00	0.000000e+00	0	0
##	[16202,]	8.649000e+03	0.000000e+00	0	0
##	[16203,]	2.886601e+06	0.000000e+00	0	0
##	[16204,]	0.000000e+00	0.000000e+00	0	0
##	[16205,]	4.900000e+03	0.000000e+00	0	0
##	[16206,]	2.669956e+06	0.000000e+00	0	0
##	[16207,]	5.290000e+02	0.000000e+00	0	0
##	[16208,]	0.000000e+00	0.000000e+00	0	0
##	[16209,]	3.271840e+05	0.000000e+00	0	0
##	[16210,]	1.600000e+01	0.000000e+00	0	0
##	[16211,]	2.890000e+04	0.000000e+00	0	0
##	[16212,]	0.000000e+00	0.000000e+00	0	0
##	[16213,]	0.000000e+00	0.000000e+00	0	0
##	[16214,]	3.600000e+01	0.000000e+00	0	0
##	[16215,]	0.000000e+00	0.000000e+00	0	0
##	[16216,]	1.312613e+07	0.000000e+00	0	0
##	[16217,]	6.300100e+04	0.000000e+00	0	0
##	[16218,]	0.000000e+00	0.000000e+00	0	0
##	[16219,]	0.000000e+00	0.000000e+00	0	0
##	[16220,]	5.062500e+04	0.000000e+00	0	0
##	[16221,]	0.000000e+00	0.000000e+00	0	0
##	[16222,]	2.500000e+01	0.000000e+00	0	0
##	[16223,]	5.062500e+04	0.000000e+00	0	0
##	[16224,]	1.035510e+08	0.000000e+00	0	0
##	[16225,]	4.000000e+00	0.000000e+00	0	0
##	[16226,]	0.000000e+00	0.000000e+00	0	0
##	[16227,]	5.929000e+03	0.000000e+00	0	0
##	[16228,]	8.464000e+03	0.000000e+00	0	0
##	[16229,]	1.000000e+00	0.000000e+00	0	0
##	[16230,]	9.030025e+06	0.000000e+00	0	0
##	[16231,]	2.704000e+03	0.000000e+00	0	0
##	[16232,]	1.000000e+00	0.000000e+00	0	0
##	[16233,]	9.790641e+06	0.000000e+00	0	0
##	[16234,]	1.000000e+00	0.000000e+00	0	0
##	[16235,]	3.249000e+03	0.000000e+00	0	0
##	[16236,]	6.579225e+06	0.000000e+00	0	0
##	[16237,]	6.955560e+05	0.000000e+00	0	0
##	[16238,]	3.610000e+02	0.000000e+00	0	0
##	[16239,]	4.000000e+00	0.000000e+00	0	0
##	[16240,]	9.000000e+00	0.000000e+00	0	0
##	[16241,]	3.158440e+05	0.000000e+00	0	0
##	[16242,]	0.000000e+00	0.000000e+00	0	0
##	[16243,]	0.000000e+00	0.000000e+00	0	0
##	[16244,]	1.600000e+01	0.000000e+00	0	0
##	[16245,]	0.000000e+00	0.000000e+00	0	0
##	[16246,]	0.000000e+00	0.000000e+00	0	0

##	[16247,]	1.570537e+07	0.000000e+00	0	0
##	[16248,]	4.000000e+04	0.000000e+00	0	0
##	[16249,]	1.012036e+06	0.000000e+00	0	0
##	[16250,]	0.000000e+00	0.000000e+00	0	0
##	[16251,]	0.000000e+00	0.000000e+00	0	0
##	[16252,]	1.164241e+06	0.000000e+00	0	0
##	[16253,]	3.600000e+01	0.000000e+00	0	0
##	[16254,]	1.343745e+08	0.000000e+00	0	0
##	[16255,]	2.560000e+02	0.000000e+00	0	0
##	[16256,]	0.000000e+00	0.000000e+00	0	0
##	[16257,]	9.025000e+03	0.000000e+00	0	0
##	[16258,]	1.527246e+07	0.000000e+00	0	0
##	[16259,]	1.211040e+05	0.000000e+00	0	0
##	[16260,]	4.000000e+00	0.000000e+00	0	0
##	[16261,]	1.128960e+05	0.000000e+00	0	0
##	[16262,]	1.492277e+07	0.000000e+00	0	0
##	[16263,]	0.000000e+00	0.000000e+00	0	0
##	[16264,]	1.600000e+01	0.000000e+00	0	0
##	[16265,]	8.643600e+04	0.000000e+00	0	0
##	[16266,]	7.557001e+06	0.000000e+00	0	0
##	[16267,]	0.000000e+00	0.000000e+00	0	0
##	[16268,]	5.476000e+03	0.000000e+00	0	0
##	[16269,]	3.994240e+05	0.000000e+00	0	0
##	[16270,]	0.000000e+00	0.000000e+00	0	0
##	[16271,]	1.210000e+02	0.000000e+00	0	0
##	[16272,]	1.128960e+05	0.000000e+00	0	0
##	[16273,]	0.000000e+00	0.000000e+00	0	0
##	[16274,]	8.100000e+01	0.000000e+00	0	0
##	[16275,]	0.000000e+00	0.000000e+00	0	0
##	[16276,]	4.368100e+06	0.000000e+00	0	0
##	[16277,]	6.451600e+04	0.000000e+00	0	0
##	[16278,]	0.000000e+00	0.000000e+00	0	0
##	[16279,]	0.000000e+00	0.000000e+00	0	0
##	[16280,]	0.000000e+00	0.000000e+00	0	0
##	[16281,]	5.670090e+05	0.000000e+00	0	0
##	[16282,]	1.960000e+02	0.000000e+00	0	0
##	[16283,]	5.966018e+07	0.000000e+00	0	0
##	[16284,]	3.881290e+05	0.000000e+00	0	0
##	[16285,]	1.000000e+00	0.000000e+00	0	0
##	[16286,]	1.000000e+02	0.000000e+00	0	0
##	[16287,]	1.276900e+04	0.000000e+00	0	0
##	[16288,]	7.485696e+06	0.000000e+00	0	0
##	[16289,]	1.600000e+01	0.000000e+00	0	0
##	[16290,]	4.040100e+04	0.000000e+00	0	0
##	[16291,]	9.000000e+00	0.000000e+00	0	0
##	[16292,]	5.612161e+06	0.000000e+00	0	0
##	[16293,]	2.992900e+04	0.000000e+00	0	0
##	[16294,]	3.122289e+06	0.000000e+00	0	0
##	[16295,]	4.000000e+00	0.000000e+00	0	0
##	[16296,]	3.276100e+04	0.000000e+00	0	0
##	[16297,]	4.000000e+00	0.000000e+00	0	0
##	[16298,]	2.777290e+05	0.000000e+00	0	0
##	[16299,]	2.500000e+03	0.000000e+00	0	0
##	[16300,]	4.202500e+04	0.000000e+00	0	0

##	[16301,]	4.000000e+00	0.000000e+00	0	0
##	[16302,]	6.400000e+01	0.000000e+00	0	0
##	[16303,]	0.000000e+00	0.000000e+00	0	0
##	[16304,]	4.900000e+01	0.000000e+00	0	0
##	[16305,]	0.000000e+00	0.000000e+00	0	0
##	[16306,]	2.131600e+04	0.000000e+00	0	0
##	[16307,]	0.000000e+00	0.000000e+00	0	0
##	[16308,]	9.781210e+05	0.000000e+00	0	0
##	[16309,]	2.510010e+05	0.000000e+00	0	0
##	[16310,]	0.000000e+00	0.000000e+00	0	0
##	[16311,]	1.000000e+00	0.000000e+00	0	0
##	[16312,]	1.054113e+08	0.000000e+00	0	0
##	[16313,]	0.000000e+00	0.000000e+00	0	0
##	[16314,]	6.451600e+06	0.000000e+00	0	0
##	[16315,]	3.025000e+03	0.000000e+00	0	0
##	[16316,]	3.459600e+04	0.000000e+00	0	0
##	[16317,]	0.000000e+00	0.000000e+00	0	0
##	[16318,]	1.047817e+07	0.000000e+00	0	0
##	[16319,]	0.000000e+00	0.000000e+00	0	0
##	[16320,]	9.486760e+05	0.000000e+00	0	0
##	[16321,]	3.249000e+05	0.000000e+00	0	0
##	[16322,]	0.000000e+00	0.000000e+00	0	0
##	[16323,]	6.305121e+06	0.000000e+00	0	0
##	[16324,]	3.025000e+05	0.000000e+00	0	0
##	[16325,]	0.000000e+00	0.000000e+00	0	0
##	[16326,]	7.193124e+06	0.000000e+00	0	0
##	[16327,]	6.760000e+04	0.000000e+00	0	0
##	[16328,]	0.000000e+00	0.000000e+00	0	0
##	[16329,]	1.896129e+06	0.000000e+00	0	0
##	[16330,]	0.000000e+00	0.000000e+00	0	0
##	[16331,]	7.022500e+04	0.000000e+00	0	0
##	[16332,]	1.512900e+04	0.000000e+00	0	0
##	[16333,]	6.400000e+01	0.000000e+00	0	0
##	[16334,]	0.000000e+00	0.000000e+00	0	0
##	[16335,]	8.100000e+01	0.000000e+00	0	0
##	[16336,]	1.211040e+05	0.000000e+00	0	0
##	[16337,]	7.327360e+05	0.000000e+00	0	0
##	[16338,]	0.000000e+00	0.000000e+00	0	0
##	[16339,]	3.610000e+02	0.000000e+00	0	0
##	[16340,]	8.281000e+03	0.000000e+00	0	0
##	[16341,]	0.000000e+00	0.000000e+00	0	0
##	[16342,]	2.704000e+03	0.000000e+00	0	0
##	[16343,]	1.202702e+07	0.000000e+00	0	0
##	[16344,]	1.814409e+08	0.000000e+00	0	0
##	[16345,]	9.180900e+04	0.000000e+00	0	0
##	[16346,]	7.056000e+03	0.000000e+00	0	0
##	[16347,]	2.500000e+01	0.000000e+00	0	0
##	[16348,]	1.583244e+07	0.000000e+00	0	0
##	[16349,]	2.137444e+06	0.000000e+00	0	0
##	[16350,]	1.210000e+02	0.000000e+00	0	0
##	[16351,]	1.043936e+07	0.000000e+00	0	0
##	[16352,]	1.000000e+02	0.000000e+00	0	0
##	[16353,]	5.461210e+05	0.000000e+00	0	0
##	[16354,]	1.347624e+07	0.000000e+00	0	0

##	[16355,]	4.998490e+05	0.000000e+00	0	0
##	[16356,]	1.210000e+02	0.000000e+00	0	0
##	[16357,]	4.900000e+01	0.000000e+00	0	0
##	[16358,]	3.972049e+06	0.000000e+00	0	0
##	[16359,]	1.156000e+05	0.000000e+00	0	0
##	[16360,]	4.900000e+01	0.000000e+00	0	0
##	[16361,]	1.768900e+04	0.000000e+00	0	0
##	[16362,]	8.065600e+04	0.000000e+00	0	0
##	[16363,]	8.100000e+01	0.000000e+00	0	0
##	[16364,]	1.000000e+00	0.000000e+00	0	0
##	[16365,]	9.000000e+00	0.000000e+00	0	0
##	[16366,]	7.344100e+04	0.000000e+00	0	0
##	[16367,]	4.356000e+05	0.000000e+00	0	0
##	[16368,]	0.000000e+00	0.000000e+00	0	0
##	[16369,]	8.410000e+02	0.000000e+00	0	0
##	[16370,]	0.000000e+00	0.000000e+00	0	0
##	[16371,]	0.000000e+00	0.000000e+00	0	0
##	[16372,]	8.985144e+07	0.000000e+00	0	0
##	[16373,]	8.464000e+03	0.000000e+00	0	0
##	[16374,]	9.560464e+06	0.000000e+00	0	0
##	[16375,]	1.600000e+01	0.000000e+00	0	0
##	[16376,]	5.616900e+04	0.000000e+00	0	0
##	[16377,]	5.041000e+03	0.000000e+00	0	0
##	[16378,]	1.827904e+06	0.000000e+00	0	0
##	[16379,]	1.046522e+07	0.000000e+00	0	0
##	[16380,]	5.290000e+02	0.000000e+00	0	0
##	[16381,]	4.515840e+05	0.000000e+00	0	0
##	[16382,]	5.760000e+02	0.000000e+00	0	0
##	[16383,]	4.981824e+06	0.000000e+00	0	0
##	[16384,]	3.564090e+05	0.000000e+00	0	0
##	[16385,]	4.376464e+06	0.000000e+00	0	0
##	[16386,]	4.000000e+02	0.000000e+00	0	0
##	[16387,]	8.702500e+04	0.000000e+00	0	0
##	[16388,]	1.960000e+02	0.000000e+00	0	0
##	[16389,]	1.716100e+06	0.000000e+00	0	0
##	[16390,]	1.040400e+04	0.000000e+00	0	0
##	[16391,]	1.339560e+05	0.000000e+00	0	0
##	[16392,]	9.000000e+00	0.000000e+00	0	0
##	[16393,]	4.900000e+01	0.000000e+00	0	0
##	[16394,]	9.000000e+00	0.000000e+00	0	0
##	[16395,]	1.600000e+01	0.000000e+00	0	0
##	[16396,]	4.000000e+00	0.000000e+00	0	0
##	[16397,]	4.840000e+04	0.000000e+00	0	0
##	[16398,]	7.157160e+05	0.000000e+00	0	0
##	[16399,]	0.000000e+00	0.000000e+00	0	0
##	[16400,]	6.084000e+03	0.000000e+00	0	0
##	[16401,]	0.000000e+00	0.000000e+00	0	0
##	[16402,]	2.393209e+06	0.000000e+00	0	0
##	[16403,]	1.102240e+05	0.000000e+00	0	0
##	[16404,]	1.101870e+08	0.000000e+00	0	0
##	[16405,]	7.840000e+02	0.000000e+00	0	0
##	[16406,]	1.690000e+02	0.000000e+00	0	0
##	[16407,]	6.100900e+04	0.000000e+00	0	0
##	[16408,]	4.096000e+05	0.000000e+00	0	0

##	[16409,]	1.102500e+04	0.000000e+00	0	0
##	[16410,]	1.717274e+07	0.000000e+00	0	0
##	[16411,]	1.017610e+05	0.000000e+00	0	0
##	[16412,]	3.600000e+03	0.000000e+00	0	0
##	[16413,]	7.263025e+06	0.000000e+00	0	0
##	[16414,]	4.605316e+06	0.000000e+00	0	0
##	[16415,]	1.030410e+05	0.000000e+00	0	0
##	[16416,]	5.625000e+03	0.000000e+00	0	0
##	[16417,]	3.600000e+03	0.000000e+00	0	0
##	[16418,]	9.428410e+05	0.000000e+00	0	0
##	[16419,]	3.276100e+04	0.000000e+00	0	0
##	[16420,]	3.249000e+03	0.000000e+00	0	0
##	[16421,]	8.352100e+04	0.000000e+00	0	0
##	[16422,]	2.560000e+02	0.000000e+00	0	0
##	[16423,]	1.000000e+00	0.000000e+00	0	0
##	[16424,]	9.000000e+00	0.000000e+00	0	0
##	[16425,]	2.500000e+01	0.000000e+00	0	0
##	[16426,]	5.202961e+06	0.000000e+00	0	0
##	[16427,]	1.000000e+04	0.000000e+00	0	0
##	[16428,]	2.500000e+01	0.000000e+00	0	0
##	[16429,]	1.000000e+02	0.000000e+00	0	0
##	[16430,]	0.000000e+00	0.000000e+00	0	0
##	[16431,]	6.400000e+01	0.000000e+00	0	0
##	[16432,]	1.704069e+08	0.000000e+00	0	0
##	[16433,]	2.022084e+06	0.000000e+00	0	0
##	[16434,]	6.561000e+05	0.000000e+00	0	0
##	[16435,]	0.000000e+00	0.000000e+00	0	0
##	[16436,]	8.410000e+02	0.000000e+00	0	0
##	[16437,]	1.089000e+05	0.000000e+00	0	0
##	[16438,]	4.410000e+02	0.000000e+00	0	0
##	[16439,]	0.000000e+00	0.000000e+00	0	0
##	[16440,]	2.609166e+07	0.000000e+00	0	0
##	[16441,]	1.102240e+05	0.000000e+00	0	0
##	[16442,]	3.364000e+05	0.000000e+00	0	0
##	[16443,]	0.000000e+00	0.000000e+00	0	0
##	[16444,]	1.062760e+05	0.000000e+00	0	0
##	[16445,]	1.024640e+07	0.000000e+00	0	0
##	[16446,]	0.000000e+00	0.000000e+00	0	0
##	[16447,]	3.132900e+04	0.000000e+00	0	0
##	[16448,]	6.969600e+06	0.000000e+00	0	0
##	[16449,]	0.000000e+00	0.000000e+00	0	0
##	[16450,]	9.672100e+04	0.000000e+00	0	0
##	[16451,]	2.340900e+04	0.000000e+00	0	0
##	[16452,]	0.000000e+00	0.000000e+00	0	0
##	[16453,]	1.844164e+06	0.000000e+00	0	0
##	[16454,]	1.716100e+04	0.000000e+00	0	0
##	[16455,]	7.921000e+03	0.000000e+00	0	0
##	[16456,]	1.089000e+03	0.000000e+00	0	0
##	[16457,]	1.656490e+05	0.000000e+00	0	0
##	[16458,]	1.849000e+03	0.000000e+00	0	0
##	[16459,]	0.000000e+00	0.000000e+00	0	0
##	[16460,]	1.000000e+02	0.000000e+00	0	0
##	[16461,]	2.500000e+01	0.000000e+00	0	0
##	[16462,]	4.000000e+00	0.000000e+00	0	0

##	[16463,]	0.000000e+00	0.000000e+00	0	0
##	[16464,]	1.768900e+06	0.000000e+00	0	0
##	[16465,]	7.840000e+02	0.000000e+00	0	0
##	[16466,]	0.000000e+00	0.000000e+00	0	0
##	[16467,]	1.612900e+04	0.000000e+00	0	0
##	[16468,]	0.000000e+00	0.000000e+00	0	0
##	[16469,]	0.000000e+00	0.000000e+00	0	0
##	[16470,]	0.000000e+00	0.000000e+00	0	0
##	[16471,]	2.601000e+03	0.000000e+00	0	0
##	[16472,]	1.726402e+07	0.000000e+00	0	0
##	[16473,]	7.584668e+07	0.000000e+00	0	0
##	[16474,]	0.000000e+00	0.000000e+00	0	0
##	[16475,]	5.091341e+08	0.000000e+00	0	0
##	[16476,]	0.000000e+00	0.000000e+00	0	0
##	[16477,]	3.276100e+04	0.000000e+00	0	0
##	[16478,]	7.744000e+03	0.000000e+00	0	0
##	[16479,]	3.091360e+05	0.000000e+00	0	0
##	[16480,]	0.000000e+00	0.000000e+00	0	0
##	[16481,]	8.271376e+06	0.000000e+00	0	0
##	[16482,]	3.125824e+06	0.000000e+00	0	0
##	[16483,]	7.143630e+07	0.000000e+00	0	0
##	[16484,]	3.648100e+06	0.000000e+00	0	0
##	[16485,]	0.000000e+00	0.000000e+00	0	0
##	[16486,]	1.056784e+06	0.000000e+00	0	0
##	[16487,]	2.254350e+07	0.000000e+00	0	0
##	[16488,]	4.182025e+06	0.000000e+00	0	0
##	[16489,]	2.165041e+07	0.000000e+00	0	0
##	[16490,]	6.609690e+05	0.000000e+00	0	0
##	[16491,]	0.000000e+00	0.000000e+00	0	0
##	[16492,]	1.671849e+06	0.000000e+00	0	0
##	[16493,]	0.000000e+00	0.000000e+00	0	0
##	[16494,]	1.026562e+07	0.000000e+00	0	0
##	[16495,]	1.176490e+05	0.000000e+00	0	0
##	[16496,]	1.536640e+05	0.000000e+00	0	0
##	[16497,]	1.102500e+04	0.000000e+00	0	0
##	[16498,]	8.464000e+05	0.000000e+00	0	0
##	[16499,]	0.000000e+00	0.000000e+00	0	0
##	[16500,]	1.440000e+02	0.000000e+00	0	0
##	[16501,]	9.610000e+02	0.000000e+00	0	0
##	[16502,]	1.000000e+02	0.000000e+00	0	0
##	[16503,]	0.000000e+00	0.000000e+00	0	0
##	[16504,]	5.776000e+03	0.000000e+00	0	0
##	[16505,]	5.476000e+05	0.000000e+00	0	0
##	[16506,]	0.000000e+00	0.000000e+00	0	0
##	[16507,]	2.436721e+06	0.000000e+00	0	0
##	[16508,]	2.401000e+03	0.000000e+00	0	0
##	[16509,]	4.000000e+00	0.000000e+00	0	0
##	[16510,]	3.610000e+02	0.000000e+00	0	0
##	[16511,]	0.000000e+00	0.000000e+00	0	0
##	[16512,]	8.801309e+08	0.000000e+00	0	0
##	[16513,]	2.375914e+08	0.000000e+00	0	0
##	[16514,]	5.109390e+07	0.000000e+00	0	0
##	[16515,]	0.000000e+00	0.000000e+00	0	0
##	[16516,]	3.147210e+05	0.000000e+00	0	0

##	[16517,]	7.236100e+04	0.000000e+00	0	0
##	[16518,]	0.000000e+00	0.000000e+00	0	0
##	[16519,]	3.132900e+04	0.000000e+00	0	0
##	[16520,]	0.000000e+00	0.000000e+00	0	0
##	[16521,]	5.470921e+06	0.000000e+00	0	0
##	[16522,]	2.883690e+07	0.000000e+00	0	0
##	[16523,]	6.060622e+07	0.000000e+00	0	0
##	[16524,]	1.371962e+07	0.000000e+00	0	0
##	[16525,]	0.000000e+00	0.000000e+00	0	0
##	[16526,]	2.276244e+07	0.000000e+00	0	0
##	[16527,]	2.313441e+06	0.000000e+00	0	0
##	[16528,]	2.455489e+06	0.000000e+00	0	0
##	[16529,]	0.000000e+00	0.000000e+00	0	0
##	[16530,]	1.173748e+07	0.000000e+00	0	0
##	[16531,]	5.574116e+07	0.000000e+00	0	0
##	[16532,]	1.430416e+06	0.000000e+00	0	0
##	[16533,]	4.858090e+07	0.000000e+00	0	0
##	[16534,]	4.239481e+06	0.000000e+00	0	0
##	[16535,]	0.000000e+00	0.000000e+00	0	0
##	[16536,]	1.142440e+05	0.000000e+00	0	0
##	[16537,]	0.000000e+00	0.000000e+00	0	0
##	[16538,]	3.214890e+05	0.000000e+00	0	0
##	[16539,]	4.405801e+06	0.000000e+00	0	0
##	[16540,]	3.610000e+02	0.000000e+00	0	0
##	[16541,]	2.250000e+02	0.000000e+00	0	0
##	[16542,]	1.000000e+02	0.000000e+00	0	0
##	[16543,]	0.000000e+00	0.000000e+00	0	0
##	[16544,]	2.735290e+05	0.000000e+00	0	0
##	[16545,]	0.000000e+00	0.000000e+00	0	0
##	[16546,]	1.536640e+05	0.000000e+00	0	0
##	[16547,]	1.210000e+06	0.000000e+00	0	0
##	[16548,]	0.000000e+00	0.000000e+00	0	0
##	[16549,]	4.761000e+03	0.000000e+00	0	0
##	[16550,]	7.225000e+03	0.000000e+00	0	0
##	[16551,]	6.889000e+03	0.000000e+00	0	0
##	[16552,]	1.288523e+09	0.000000e+00	0	0
##	[16553,]	1.210880e+08	0.000000e+00	0	0
##	[16554,]	0.000000e+00	0.000000e+00	0	0
##	[16555,]	8.352678e+08	0.000000e+00	0	0
##	[16556,]	0.000000e+00	0.000000e+00	0	0
##	[16557,]	4.705960e+05	0.000000e+00	0	0
##	[16558,]	4.410000e+04	0.000000e+00	0	0
##	[16559,]	3.445690e+05	0.000000e+00	0	0
##	[16560,]	5.762328e+07	0.000000e+00	0	0
##	[16561,]	0.000000e+00	0.000000e+00	0	0
##	[16562,]	6.661561e+06	0.000000e+00	0	0
##	[16563,]	7.366789e+07	0.000000e+00	0	0
##	[16564,]	2.218410e+07	0.000000e+00	0	0
##	[16565,]	3.418801e+06	0.000000e+00	0	0
##	[16566,]	0.000000e+00	0.000000e+00	0	0
##	[16567,]	4.810810e+07	0.000000e+00	0	0
##	[16568,]	9.277542e+07	0.000000e+00	0	0
##	[16569,]	8.868484e+06	0.000000e+00	0	0
##	[16570,]	5.361168e+07	0.000000e+00	0	0

##	[16571,]	0.000000e+00	0.000000e+00	0	0
##	[16572,]	7.001316e+06	0.000000e+00	0	0
##	[16573,]	0.000000e+00	0.000000e+00	0	0
##	[16574,]	4.450224e+07	0.000000e+00	0	0
##	[16575,]	6.339344e+07	0.000000e+00	0	0
##	[16576,]	4.255969e+06	0.000000e+00	0	0
##	[16577,]	5.476000e+05	0.000000e+00	0	0
##	[16578,]	3.996001e+06	0.000000e+00	0	0
##	[16579,]	0.000000e+00	0.000000e+00	0	0
##	[16580,]	0.000000e+00	0.000000e+00	0	0
##	[16581,]	0.000000e+00	0.000000e+00	0	0
##	[16582,]	4.410000e+02	0.000000e+00	0	0
##	[16583,]	1.156000e+03	0.000000e+00	0	0
##	[16584,]	0.000000e+00	0.000000e+00	0	0
##	[16585,]	6.451600e+04	0.000000e+00	0	0
##	[16586,]	7.140250e+05	0.000000e+00	0	0
##	[16587,]	6.304360e+05	0.000000e+00	0	0
##	[16588,]	8.649000e+03	0.000000e+00	0	0
##	[16589,]	0.000000e+00	0.000000e+00	0	0
##	[16590,]	0.000000e+00	0.000000e+00	0	0
##	[16591,]	4.284900e+04	0.000000e+00	0	0
##	[16592,]	0.000000e+00	0.000000e+00	0	0
##	[16593,]	3.911377e+09	0.000000e+00	0	0
##	[16594,]	1.999968e+09	0.000000e+00	0	0
##	[16595,]	2.393828e+08	0.000000e+00	0	0
##	[16596,]	9.840640e+05	0.000000e+00	0	0
##	[16597,]	0.000000e+00	0.000000e+00	0	0
##	[16598,]	6.553600e+04	0.000000e+00	0	0
##	[16599,]	9.900250e+05	0.000000e+00	0	0
##	[16600,]	1.800159e+08	0.000000e+00	0	0
##	[16601,]	1.132996e+07	0.000000e+00	0	0
##	[16602,]	0.000000e+00	0.000000e+00	0	0
##	[16603,]	1.836296e+08	0.000000e+00	0	0
##	[16604,]	0.000000e+00	0.000000e+00	0	0
##	[16605,]	5.202961e+06	0.000000e+00	0	0
##	[16606,]	6.177960e+07	0.000000e+00	0	0
##	[16607,]	1.140197e+08	0.000000e+00	0	0
##	[16608,]	1.126145e+08	0.000000e+00	0	0
##	[16609,]	2.731748e+08	0.000000e+00	0	0
##	[16610,]	0.000000e+00	0.000000e+00	0	0
##	[16611,]	1.671992e+07	0.000000e+00	0	0
##	[16612,]	0.000000e+00	0.000000e+00	0	0
##	[16613,]	2.624724e+08	0.000000e+00	0	0
##	[16614,]	8.094601e+07	0.000000e+00	0	0
##	[16615,]	1.707342e+07	0.000000e+00	0	0
##	[16616,]	0.000000e+00	0.000000e+00	0	0
##	[16617,]	2.212762e+07	0.000000e+00	0	0
##	[16618,]	1.795600e+06	0.000000e+00	0	0
##	[16619,]	7.177041e+06	0.000000e+00	0	0
##	[16620,]	0.000000e+00	0.000000e+00	0	0
##	[16621,]	6.400000e+01	0.000000e+00	0	0
##	[16622,]	9.000000e+02	0.000000e+00	0	0
##	[16623,]	3.240000e+02	0.000000e+00	0	0
##	[16624,]	0.000000e+00	0.000000e+00	0	0

##	[16625,]	6.100900e+04	0.000000e+00	0	0
##	[16626,]	8.519290e+05	0.000000e+00	0	0
##	[16627,]	7.123360e+05	0.000000e+00	0	0
##	[16628,]	1.310440e+05	0.000000e+00	0	0
##	[16629,]	1.188100e+04	0.000000e+00	0	0
##	[16630,]	0.000000e+00	0.000000e+00	0	0
##	[16631,]	9.000000e+02	0.000000e+00	0	0
##	[16632,]	1.018485e+08	0.000000e+00	0	0
##	[16633,]	1.305521e+09	0.000000e+00	0	0
##	[16634,]	0.000000e+00	0.000000e+00	0	0
##	[16635,]	1.608892e+09	0.000000e+00	0	0
##	[16636,]	1.635841e+06	0.000000e+00	0	0
##	[16637,]	4.342810e+05	0.000000e+00	0	0
##	[16638,]	0.000000e+00	0.000000e+00	0	0
##	[16639,]	5.475600e+04	0.000000e+00	0	0
##	[16640,]	1.615187e+08	0.000000e+00	0	0
##	[16641,]	7.935489e+06	0.000000e+00	0	0
##	[16642,]	6.456122e+07	0.000000e+00	0	0
##	[16643,]	0.000000e+00	0.000000e+00	0	0
##	[16644,]	4.821914e+07	0.000000e+00	0	0
##	[16645,]	0.000000e+00	0.000000e+00	0	0
##	[16646,]	3.485722e+07	0.000000e+00	0	0
##	[16647,]	2.832489e+06	0.000000e+00	0	0
##	[16648,]	8.372250e+07	0.000000e+00	0	0
##	[16649,]	0.000000e+00	0.000000e+00	0	0
##	[16650,]	8.578464e+07	0.000000e+00	0	0
##	[16651,]	6.027025e+06	0.000000e+00	0	0
##	[16652,]	5.738062e+07	0.000000e+00	0	0
##	[16653,]	4.906225e+06	0.000000e+00	0	0
##	[16654,]	9.129802e+07	0.000000e+00	0	0
##	[16655,]	0.000000e+00	0.000000e+00	0	0
##	[16656,]	5.588496e+06	0.000000e+00	0	0
##	[16657,]	4.705960e+05	0.000000e+00	0	0
##	[16658,]	0.000000e+00	0.000000e+00	0	0
##	[16659,]	7.279204e+06	0.000000e+00	0	0
##	[16660,]	0.000000e+00	0.000000e+00	0	0
##	[16661,]	4.000000e+00	0.000000e+00	0	0
##	[16662,]	8.100000e+03	0.000000e+00	0	0
##	[16663,]	3.610000e+02	0.000000e+00	0	0
##	[16664,]	6.604900e+04	0.000000e+00	0	0
##	[16665,]	0.000000e+00	0.000000e+00	0	0
##	[16666,]	4.057690e+05	0.000000e+00	0	0
##	[16667,]	2.313610e+05	0.000000e+00	0	0
##	[16668,]	1.082410e+05	0.000000e+00	0	0
##	[16669,]	0.000000e+00	0.000000e+00	0	0
##	[16670,]	8.410000e+02	0.000000e+00	0	0
##	[16671,]	5.329000e+03	0.000000e+00	0	0
##	[16672,]	7.356493e+07	0.000000e+00	0	0
##	[16673,]	8.828482e+07	0.000000e+00	0	0
##	[16674,]	1.099652e+09	0.000000e+00	0	0
##	[16675,]	0.000000e+00	0.000000e+00	0	0
##	[16676,]	4.120900e+04	0.000000e+00	0	0
##	[16677,]	7.075600e+04	0.000000e+00	0	0
##	[16678,]	2.496400e+06	0.000000e+00	0	0

##	[16679,]	0.000000e+00	0.000000e+00	0	0
##	[16680,]	1.288225e+08	0.000000e+00	0	0
##	[16681,]	8.649481e+06	0.000000e+00	0	0
##	[16682,]	6.646084e+06	0.000000e+00	0	0
##	[16683,]	0.000000e+00	0.000000e+00	0	0
##	[16684,]	3.285582e+07	0.000000e+00	0	0
##	[16685,]	0.000000e+00	0.000000e+00	0	0
##	[16686,]	2.259009e+06	0.000000e+00	0	0
##	[16687,]	2.630884e+06	0.000000e+00	0	0
##	[16688,]	5.059477e+07	0.000000e+00	0	0
##	[16689,]	0.000000e+00	0.000000e+00	0	0
##	[16690,]	3.976036e+06	0.000000e+00	0	0
##	[16691,]	4.678569e+06	0.000000e+00	0	0
##	[16692,]	2.985984e+06	0.000000e+00	0	0
##	[16693,]	0.000000e+00	0.000000e+00	0	0
##	[16694,]	3.142724e+07	0.000000e+00	0	0
##	[16695,]	3.392964e+06	0.000000e+00	0	0
##	[16696,]	2.808976e+06	0.000000e+00	0	0
##	[16697,]	3.180960e+05	0.000000e+00	0	0
##	[16698,]	3.036010e+05	0.000000e+00	0	0
##	[16699,]	0.000000e+00	0.000000e+00	0	0
##	[16700,]	0.000000e+00	0.000000e+00	0	0
##	[16701,]	1.210000e+02	0.000000e+00	0	0
##	[16702,]	1.081600e+04	0.000000e+00	0	0
##	[16703,]	4.900000e+01	0.000000e+00	0	0
##	[16704,]	2.689600e+04	0.000000e+00	0	0
##	[16705,]	7.236100e+04	0.000000e+00	0	0
##	[16706,]	0.000000e+00	0.000000e+00	0	0
##	[16707,]	1.232100e+04	0.000000e+00	0	0
##	[16708,]	2.916000e+03	0.000000e+00	0	0
##	[16709,]	0.000000e+00	0.000000e+00	0	0
##	[16710,]	8.100000e+01	0.000000e+00	0	0
##	[16711,]	5.184000e+03	0.000000e+00	0	0
##	[16712,]	5.667732e+08	0.000000e+00	0	0
##	[16713,]	0.000000e+00	0.000000e+00	0	0
##	[16714,]	2.065702e+09	0.000000e+00	0	0
##	[16715,]	7.306209e+06	0.000000e+00	0	0
##	[16716,]	2.692881e+06	0.000000e+00	0	0
##	[16717,]	4.186090e+05	0.000000e+00	0	0
##	[16718,]	9.409000e+03	0.000000e+00	0	0
##	[16719,]	0.000000e+00	0.000000e+00	0	0
##	[16720,]	4.682665e+07	0.000000e+00	0	0
##	[16721,]	8.987040e+05	0.000000e+00	0	0
##	[16722,]	1.862406e+08	0.000000e+00	0	0
##	[16723,]	0.000000e+00	0.000000e+00	0	0
##	[16724,]	2.294410e+05	0.000000e+00	0	0
##	[16725,]	1.371221e+07	0.000000e+00	0	0
##	[16726,]	5.434638e+07	0.000000e+00	0	0
##	[16727,]	0.000000e+00	0.000000e+00	0	0
##	[16728,]	0.000000e+00	0.000000e+00	0	0
##	[16729,]	1.077652e+08	0.000000e+00	0	0
##	[16730,]	3.182088e+07	0.000000e+00	0	0
##	[16731,]	3.294760e+05	0.000000e+00	0	0
##	[16732,]	8.911360e+07	0.000000e+00	0	0

##	[16733,]	2.883690e+07	0.000000e+00	0	0
##	[16734,]	2.070250e+05	0.000000e+00	0	0
##	[16735,]	0.000000e+00	0.000000e+00	0	0
##	[16736,]	8.259876e+06	0.000000e+00	0	0
##	[16737,]	2.160900e+04	0.000000e+00	0	0
##	[16738,]	0.000000e+00	0.000000e+00	0	0
##	[16739,]	2.505889e+06	0.000000e+00	0	0
##	[16740,]	9.025000e+03	0.000000e+00	0	0
##	[16741,]	9.000000e+00	0.000000e+00	0	0
##	[16742,]	4.000000e+02	0.000000e+00	0	0
##	[16743,]	0.000000e+00	0.000000e+00	0	0
##	[16744,]	4.202500e+04	0.000000e+00	0	0
##	[16745,]	1.225000e+03	0.000000e+00	0	0
##	[16746,]	0.000000e+00	0.000000e+00	0	0
##	[16747,]	2.550250e+05	0.000000e+00	0	0
##	[16748,]	8.100000e+01	0.000000e+00	0	0
##	[16749,]	0.000000e+00	0.000000e+00	0	0
##	[16750,]	0.000000e+00	0.000000e+00	0	0
##	[16751,]	9.409000e+03	0.000000e+00	0	0
##	[16752,]	4.917750e+08	0.000000e+00	0	0
##	[16753,]	0.000000e+00	0.000000e+00	0	0
##	[16754,]	5.224398e+07	0.000000e+00	0	0
##	[16755,]	2.030854e+09	0.000000e+00	0	0
##	[16756,]	0.000000e+00	0.000000e+00	0	0
##	[16757,]	3.763600e+04	0.000000e+00	0	0
##	[16758,]	4.475610e+05	0.000000e+00	0	0
##	[16759,]	2.039184e+06	0.000000e+00	0	0
##	[16760,]	0.000000e+00	0.000000e+00	0	0
##	[16761,]	5.112121e+06	0.000000e+00	0	0
##	[16762,]	3.535492e+07	0.000000e+00	0	0
##	[16763,]	1.610869e+08	0.000000e+00	0	0
##	[16764,]	1.168956e+07	0.000000e+00	0	0
##	[16765,]	0.000000e+00	0.000000e+00	0	0
##	[16766,]	4.939278e+07	0.000000e+00	0	0
##	[16767,]	1.615441e+06	0.000000e+00	0	0
##	[16768,]	1.132096e+08	0.000000e+00	0	0
##	[16769,]	2.669956e+06	0.000000e+00	0	0
##	[16770,]	0.000000e+00	0.000000e+00	0	0
##	[16771,]	2.662560e+07	0.000000e+00	0	0
##	[16772,]	0.000000e+00	0.000000e+00	0	0
##	[16773,]	1.999396e+06	0.000000e+00	0	0
##	[16774,]	9.992002e+07	0.000000e+00	0	0
##	[16775,]	2.752052e+07	0.000000e+00	0	0
##	[16776,]	3.013696e+06	0.000000e+00	0	0
##	[16777,]	2.061160e+05	0.000000e+00	0	0
##	[16778,]	1.076496e+07	0.000000e+00	0	0
##	[16779,]	0.000000e+00	0.000000e+00	0	0
##	[16780,]	1.512900e+04	0.000000e+00	0	0
##	[16781,]	9.000000e+00	0.000000e+00	0	0
##	[16782,]	0.000000e+00	0.000000e+00	0	0
##	[16783,]	2.500000e+01	0.000000e+00	0	0
##	[16784,]	0.000000e+00	0.000000e+00	0	0
##	[16785,]	0.000000e+00	0.000000e+00	0	0
##	[16786,]	0.000000e+00	0.000000e+00	0	0

##	[16787,]	0.000000e+00	0.000000e+00	0	0
##	[16788,]	0.000000e+00	0.000000e+00	0	0
##	[16789,]	1.664100e+04	0.000000e+00	0	0
##	[16790,]	2.079360e+05	0.000000e+00	0	0
##	[16791,]	3.312400e+04	0.000000e+00	0	0
##	[16792,]	1.156000e+03	0.000000e+00	0	0
##	[16793,]	1.000000e+00	0.000000e+00	0	0
##	[16794,]	0.000000e+00	0.000000e+00	0	0
##	[16795,]	1.764000e+03	0.000000e+00	0	0
##	[16796,]	9.214260e+08	0.000000e+00	0	0
##	[16797,]	0.000000e+00	0.000000e+00	0	0
##	[16798,]	9.377986e+07	0.000000e+00	0	0
##	[16799,]	9.944078e+07	0.000000e+00	0	0
##	[16800,]	1.398760e+05	0.000000e+00	0	0
##	[16801,]	8.122500e+04	0.000000e+00	0	0
##	[16802,]	0.000000e+00	0.000000e+00	0	0
##	[16803,]	1.024144e+06	0.000000e+00	0	0
##	[16804,]	8.508889e+06	0.000000e+00	0	0
##	[16805,]	0.000000e+00	0.000000e+00	0	0
##	[16806,]	6.350400e+06	0.000000e+00	0	0
##	[16807,]	7.119984e+07	0.000000e+00	0	0
##	[16808,]	2.177156e+07	0.000000e+00	0	0
##	[16809,]	0.000000e+00	0.000000e+00	0	0
##	[16810,]	1.999396e+06	0.000000e+00	0	0
##	[16811,]	2.471184e+06	0.000000e+00	0	0
##	[16812,]	5.355312e+07	0.000000e+00	0	0
##	[16813,]	4.626801e+06	0.000000e+00	0	0
##	[16814,]	0.000000e+00	0.000000e+00	0	0
##	[16815,]	5.909761e+06	0.000000e+00	0	0
##	[16816,]	5.588496e+06	0.000000e+00	0	0
##	[16817,]	4.129024e+06	0.000000e+00	0	0
##	[16818,]	4.489000e+07	0.000000e+00	0	0
##	[16819,]	0.000000e+00	0.000000e+00	0	0
##	[16820,]	0.000000e+00	0.000000e+00	0	0
##	[16821,]	6.336160e+05	0.000000e+00	0	0
##	[16822,]	4.932841e+06	0.000000e+00	0	0
##	[16823,]	6.400000e+05	0.000000e+00	0	0
##	[16824,]	1.960000e+02	0.000000e+00	0	0
##	[16825,]	6.400000e+01	0.000000e+00	0	0
##	[16826,]	4.356000e+03	0.000000e+00	0	0
##	[16827,]	0.000000e+00	0.000000e+00	0	0
##	[16828,]	0.000000e+00	0.000000e+00	0	0
##	[16829,]	0.000000e+00	0.000000e+00	0	0
##	[16830,]	0.000000e+00	0.000000e+00	0	0
##	[16831,]	0.000000e+00	0.000000e+00	0	0
##	[16832,]	8.100000e+03	0.000000e+00	0	0
##	[16833,]	8.352100e+04	0.000000e+00	0	0
##	[16834,]	8.281000e+03	0.000000e+00	0	0
##	[16835,]	0.000000e+00	0.000000e+00	0	0
##	[16836,]	0.000000e+00	0.000000e+00	0	0
##	[16837,]	4.840000e+02	0.000000e+00	0	0
##	[16838,]	8.100000e+01	0.000000e+00	0	0
##	[16839,]	2.890000e+02	0.000000e+00	0	0
##	[16840,]	4.749966e+07	0.000000e+00	0	0

##	[16841,]	9.072144e+06	0.000000e+00	0	0
##	[16842,]	7.576807e+08	0.000000e+00	0	0
##	[16843,]	0.000000e+00	0.000000e+00	0	0
##	[16844,]	3.648100e+04	0.000000e+00	0	0
##	[16845,]	0.000000e+00	0.000000e+00	0	0
##	[16846,]	4.368100e+04	0.000000e+00	0	0
##	[16847,]	1.340964e+06	0.000000e+00	0	0
##	[16848,]	1.085764e+06	0.000000e+00	0	0
##	[16849,]	2.886601e+06	0.000000e+00	0	0
##	[16850,]	0.000000e+00	0.000000e+00	0	0
##	[16851,]	6.517333e+07	0.000000e+00	0	0
##	[16852,]	1.980250e+05	0.000000e+00	0	0
##	[16853,]	0.000000e+00	0.000000e+00	0	0
##	[16854,]	1.188100e+06	0.000000e+00	0	0
##	[16855,]	1.857610e+07	0.000000e+00	0	0
##	[16856,]	3.169690e+05	0.000000e+00	0	0
##	[16857,]	0.000000e+00	0.000000e+00	0	0
##	[16858,]	3.952637e+07	0.000000e+00	0	0
##	[16859,]	2.999824e+06	0.000000e+00	0	0
##	[16860,]	3.091360e+05	0.000000e+00	0	0
##	[16861,]	2.496400e+06	0.000000e+00	0	0
##	[16862,]	3.323522e+07	0.000000e+00	0	0
##	[16863,]	0.000000e+00	0.000000e+00	0	0
##	[16864,]	3.387240e+05	0.000000e+00	0	0
##	[16865,]	0.000000e+00	0.000000e+00	0	0
##	[16866,]	4.622500e+04	0.000000e+00	0	0
##	[16867,]	3.736489e+06	0.000000e+00	0	0
##	[16868,]	0.000000e+00	0.000000e+00	0	0
##	[16869,]	6.400000e+03	0.000000e+00	0	0
##	[16870,]	6.400000e+01	0.000000e+00	0	0
##	[16871,]	9.000000e+00	0.000000e+00	0	0
##	[16872,]	0.000000e+00	0.000000e+00	0	0
##	[16873,]	0.000000e+00	0.000000e+00	0	0
##	[16874,]	0.000000e+00	0.000000e+00	0	0
##	[16875,]	0.000000e+00	0.000000e+00	0	0
##	[16876,]	0.000000e+00	0.000000e+00	0	0
##	[16877,]	2.809000e+03	0.000000e+00	0	0
##	[16878,]	1.004890e+05	0.000000e+00	0	0
##	[16879,]	8.281000e+03	0.000000e+00	0	0
##	[16880,]	4.000000e+02	0.000000e+00	0	0
##	[16881,]	0.000000e+00	0.000000e+00	0	0
##	[16882,]	6.760000e+02	0.000000e+00	0	0
##	[16883,]	0.000000e+00	0.000000e+00	0	0
##	[16884,]	6.983335e+08	0.000000e+00	0	0
##	[16885,]	3.979086e+07	0.000000e+00	0	0
##	[16886,]	0.000000e+00	0.000000e+00	0	0
##	[16887,]	3.150625e+06	0.000000e+00	0	0
##	[16888,]	1.876900e+04	0.000000e+00	0	0
##	[16889,]	1.392400e+06	0.000000e+00	0	0
##	[16890,]	0.000000e+00	0.000000e+00	0	0
##	[16891,]	3.168400e+04	0.000000e+00	0	0
##	[16892,]	0.000000e+00	0.000000e+00	0	0
##	[16893,]	3.073009e+06	0.000000e+00	0	0
##	[16894,]	5.841545e+07	0.000000e+00	0	0

##	[16895,]	4.788640e+05	0.000000e+00	0	0
##	[16896,]	0.000000e+00	0.000000e+00	0	0
##	[16897,]	1.911438e+07	0.000000e+00	0	0
##	[16898,]	6.250000e+04	0.000000e+00	0	0
##	[16899,]	9.721960e+05	0.000000e+00	0	0
##	[16900,]	1.036840e+05	0.000000e+00	0	0
##	[16901,]	3.536681e+07	0.000000e+00	0	0
##	[16902,]	0.000000e+00	0.000000e+00	0	0
##	[16903,]	1.996569e+06	0.000000e+00	0	0
##	[16904,]	0.000000e+00	0.000000e+00	0	0
##	[16905,]	7.075600e+04	0.000000e+00	0	0
##	[16906,]	2.997562e+07	0.000000e+00	0	0
##	[16907,]	2.169729e+06	0.000000e+00	0	0
##	[16908,]	2.550250e+05	0.000000e+00	0	0
##	[16909,]	0.000000e+00	0.000000e+00	0	0
##	[16910,]	1.166400e+04	0.000000e+00	0	0
##	[16911,]	3.272481e+06	0.000000e+00	0	0
##	[16912,]	0.000000e+00	0.000000e+00	0	0
##	[16913,]	1.876900e+04	0.000000e+00	0	0
##	[16914,]	9.000000e+00	0.000000e+00	0	0
##	[16915,]	4.000000e+00	0.000000e+00	0	0
##	[16916,]	0.000000e+00	0.000000e+00	0	0
##	[16917,]	0.000000e+00	0.000000e+00	0	0
##	[16918,]	0.000000e+00	0.000000e+00	0	0
##	[16919,]	0.000000e+00	0.000000e+00	0	0
##	[16920,]	0.000000e+00	0.000000e+00	0	0
##	[16921,]	2.025000e+03	0.000000e+00	0	0
##	[16922,]	8.179600e+04	0.000000e+00	0	0
##	[16923,]	1.764000e+03	0.000000e+00	0	0
##	[16924,]	4.000000e+00	0.000000e+00	0	0
##	[16925,]	1.600000e+03	0.000000e+00	0	0
##	[16926,]	0.000000e+00	0.000000e+00	0	0
##	[16927,]	3.600000e+01	0.000000e+00	0	0
##	[16928,]	2.765708e+07	0.000000e+00	0	0
##	[16929,]	1.196836e+06	0.000000e+00	0	0
##	[16930,]	4.559079e+08	0.000000e+00	0	0
##	[16931,]	0.000000e+00	0.000000e+00	0	0
##	[16932,]	9.525760e+05	0.000000e+00	0	0
##	[16933,]	0.000000e+00	0.000000e+00	0	0
##	[16934,]	3.062500e+04	0.000000e+00	0	0
##	[16935,]	9.216000e+03	0.000000e+00	0	0
##	[16936,]	0.000000e+00	0.000000e+00	0	0
##	[16937,]	2.143296e+06	0.000000e+00	0	0
##	[16938,]	1.466890e+05	0.000000e+00	0	0
##	[16939,]	4.218502e+07	0.000000e+00	0	0
##	[16940,]	0.000000e+00	0.000000e+00	0	0
##	[16941,]	6.822760e+05	0.000000e+00	0	0
##	[16942,]	1.262381e+07	0.000000e+00	0	0
##	[16943,]	2.340900e+04	0.000000e+00	0	0
##	[16944,]	1.520289e+06	0.000000e+00	0	0
##	[16945,]	2.222180e+07	0.000000e+00	0	0
##	[16946,]	0.000000e+00	0.000000e+00	0	0
##	[16947,]	4.410000e+04	0.000000e+00	0	0
##	[16948,]	1.311025e+06	0.000000e+00	0	0

##	[16949,]	0.000000e+00	0.000000e+00	0	0
##	[16950,]	3.312400e+04	0.000000e+00	0	0
##	[16951,]	1.736389e+07	0.000000e+00	0	0
##	[16952,]	0.000000e+00	0.000000e+00	0	0
##	[16953,]	1.730560e+05	0.000000e+00	0	0
##	[16954,]	2.093809e+06	0.000000e+00	0	0
##	[16955,]	4.900000e+03	0.000000e+00	0	0
##	[16956,]	4.000000e+00	0.000000e+00	0	0
##	[16957,]	1.392400e+04	0.000000e+00	0	0
##	[16958,]	4.000000e+00	0.000000e+00	0	0
##	[16959,]	0.000000e+00	0.000000e+00	0	0
##	[16960,]	0.000000e+00	0.000000e+00	0	0
##	[16961,]	0.000000e+00	0.000000e+00	0	0
##	[16962,]	0.000000e+00	0.000000e+00	0	0
##	[16963,]	0.000000e+00	0.000000e+00	0	0
##	[16964,]	5.329000e+03	0.000000e+00	0	0
##	[16965,]	7.182400e+04	0.000000e+00	0	0
##	[16966,]	0.000000e+00	0.000000e+00	0	0
##	[16967,]	2.250000e+02	0.000000e+00	0	0
##	[16968,]	1.210000e+02	0.000000e+00	0	0
##	[16969,]	0.000000e+00	0.000000e+00	0	0
##	[16970,]	1.000000e+00	0.000000e+00	0	0
##	[16971,]	1.742400e+04	0.000000e+00	0	0
##	[16972,]	4.232072e+08	0.000000e+00	0	0
##	[16973,]	0.000000e+00	0.000000e+00	0	0
##	[16974,]	5.126560e+05	0.000000e+00	0	0
##	[16975,]	1.332980e+07	0.000000e+00	0	0
##	[16976,]	7.726410e+05	0.000000e+00	0	0
##	[16977,]	5.184000e+03	0.000000e+00	0	0
##	[16978,]	0.000000e+00	0.000000e+00	0	0
##	[16979,]	1.638400e+04	0.000000e+00	0	0
##	[16980,]	0.000000e+00	0.000000e+00	0	0
##	[16981,]	6.400900e+04	0.000000e+00	0	0
##	[16982,]	3.655412e+07	0.000000e+00	0	0
##	[16983,]	1.050625e+06	0.000000e+00	0	0
##	[16984,]	0.000000e+00	0.000000e+00	0	0
##	[16985,]	1.268784e+07	0.000000e+00	0	0
##	[16986,]	1.188100e+04	0.000000e+00	0	0
##	[16987,]	3.660250e+05	0.000000e+00	0	0
##	[16988,]	0.000000e+00	0.000000e+00	0	0
##	[16989,]	7.361640e+05	0.000000e+00	0	0
##	[16990,]	1.716100e+04	0.000000e+00	0	0
##	[16991,]	2.223122e+07	0.000000e+00	0	0
##	[16992,]	0.000000e+00	0.000000e+00	0	0
##	[16993,]	1.040400e+04	0.000000e+00	0	0
##	[16994,]	1.692500e+07	0.000000e+00	0	0
##	[16995,]	6.052840e+05	0.000000e+00	0	0
##	[16996,]	1.577536e+06	0.000000e+00	0	0
##	[16997,]	6.604900e+04	0.000000e+00	0	0
##	[16998,]	0.000000e+00	0.000000e+00	0	0
##	[16999,]	2.401000e+03	0.000000e+00	0	0
##	[17000,]	0.000000e+00	0.000000e+00	0	0
##	[17001,]	2.500000e+01	0.000000e+00	0	0
##	[17002,]	1.000000e+00	0.000000e+00	0	0

##	[17003,]	1.211040e+05	0.000000e+00	0	0
##	[17004,]	0.000000e+00	0.000000e+00	0	0
##	[17005,]	0.000000e+00	0.000000e+00	0	0
##	[17006,]	0.000000e+00	0.000000e+00	0	0
##	[17007,]	0.000000e+00	0.000000e+00	0	0
##	[17008,]	1.210000e+02	0.000000e+00	0	0
##	[17009,]	0.000000e+00	0.000000e+00	0	0
##	[17010,]	5.569600e+04	0.000000e+00	0	0
##	[17011,]	1.600000e+03	0.000000e+00	0	0
##	[17012,]	1.000000e+00	0.000000e+00	0	0
##	[17013,]	0.000000e+00	0.000000e+00	0	0
##	[17014,]	1.521000e+03	0.000000e+00	0	0
##	[17015,]	4.000000e+00	0.000000e+00	0	0
##	[17016,]	6.464160e+05	0.000000e+00	0	0
##	[17017,]	0.000000e+00	0.000000e+00	0	0
##	[17018,]	6.832996e+06	0.000000e+00	0	0
##	[17019,]	3.825545e+08	0.000000e+00	0	0
##	[17020,]	0.000000e+00	0.000000e+00	0	0
##	[17021,]	3.025000e+03	0.000000e+00	0	0
##	[17022,]	9.063040e+05	0.000000e+00	0	0
##	[17023,]	1.144900e+04	0.000000e+00	0	0
##	[17024,]	0.000000e+00	0.000000e+00	0	0
##	[17025,]	5.580090e+05	0.000000e+00	0	0
##	[17026,]	3.688133e+07	0.000000e+00	0	0
##	[17027,]	7.784100e+04	0.000000e+00	0	0
##	[17028,]	0.000000e+00	0.000000e+00	0	0
##	[17029,]	1.132322e+07	0.000000e+00	0	0
##	[17030,]	1.892250e+05	0.000000e+00	0	0
##	[17031,]	1.322500e+04	0.000000e+00	0	0
##	[17032,]	2.872960e+05	0.000000e+00	0	0
##	[17033,]	2.160900e+04	0.000000e+00	0	0
##	[17034,]	1.928088e+07	0.000000e+00	0	0
##	[17035,]	0.000000e+00	0.000000e+00	0	0
##	[17036,]	2.190400e+04	0.000000e+00	0	0
##	[17037,]	1.307546e+07	0.000000e+00	0	0
##	[17038,]	0.000000e+00	0.000000e+00	0	0
##	[17039,]	3.469210e+05	0.000000e+00	0	0
##	[17040,]	0.000000e+00	0.000000e+00	0	0
##	[17041,]	1.350244e+06	0.000000e+00	0	0
##	[17042,]	3.600000e+03	0.000000e+00	0	0
##	[17043,]	4.000000e+04	0.000000e+00	0	0
##	[17044,]	9.000000e+00	0.000000e+00	0	0
##	[17045,]	0.000000e+00	0.000000e+00	0	0
##	[17046,]	1.944810e+05	0.000000e+00	0	0
##	[17047,]	0.000000e+00	0.000000e+00	0	0
##	[17048,]	0.000000e+00	0.000000e+00	0	0
##	[17049,]	0.000000e+00	0.000000e+00	0	0
##	[17050,]	0.000000e+00	0.000000e+00	0	0
##	[17051,]	0.000000e+00	0.000000e+00	0	0
##	[17052,]	4.840000e+02	0.000000e+00	0	0
##	[17053,]	4.000000e+02	0.000000e+00	0	0
##	[17054,]	4.368100e+04	0.000000e+00	0	0
##	[17055,]	0.000000e+00	0.000000e+00	0	0
##	[17056,]	4.000000e+00	0.000000e+00	0	0

##	[17057,]	2.304000e+03	0.000000e+00	0	0
##	[17058,]	0.000000e+00	0.000000e+00	0	0
##	[17059,]	4.900000e+01	0.000000e+00	0	0
##	[17060,]	4.941729e+06	0.000000e+00	0	0
##	[17061,]	4.787782e+08	0.000000e+00	0	0
##	[17062,]	0.000000e+00	0.000000e+00	0	0
##	[17063,]	3.375610e+05	0.000000e+00	0	0
##	[17064,]	1.600000e+03	0.000000e+00	0	0
##	[17065,]	8.100000e+03	0.000000e+00	0	0
##	[17066,]	1.352569e+06	0.000000e+00	0	0
##	[17067,]	0.000000e+00	0.000000e+00	0	0
##	[17068,]	4.000000e+04	0.000000e+00	0	0
##	[17069,]	0.000000e+00	0.000000e+00	0	0
##	[17070,]	4.664890e+05	0.000000e+00	0	0
##	[17071,]	4.670356e+07	0.000000e+00	0	0
##	[17072,]	7.056000e+03	0.000000e+00	0	0
##	[17073,]	1.528810e+05	0.000000e+00	0	0
##	[17074,]	1.557881e+07	0.000000e+00	0	0
##	[17075,]	0.000000e+00	0.000000e+00	0	0
##	[17076,]	2.116000e+05	0.000000e+00	0	0
##	[17077,]	0.000000e+00	0.000000e+00	0	0
##	[17078,]	1.345600e+04	0.000000e+00	0	0
##	[17079,]	2.351280e+07	0.000000e+00	0	0
##	[17080,]	1.461533e+07	0.000000e+00	0	0
##	[17081,]	0.000000e+00	0.000000e+00	0	0
##	[17082,]	1.081600e+04	0.000000e+00	0	0
##	[17083,]	1.900960e+05	0.000000e+00	0	0
##	[17084,]	0.000000e+00	0.000000e+00	0	0
##	[17085,]	2.656900e+04	0.000000e+00	0	0
##	[17086,]	1.369000e+03	0.000000e+00	0	0
##	[17087,]	1.600225e+06	0.000000e+00	0	0
##	[17088,]	0.000000e+00	0.000000e+00	0	0
##	[17089,]	4.000000e+00	0.000000e+00	0	0
##	[17090,]	0.000000e+00	0.000000e+00	0	0
##	[17091,]	3.147210e+05	0.000000e+00	0	0
##	[17092,]	0.000000e+00	0.000000e+00	0	0
##	[17093,]	0.000000e+00	0.000000e+00	0	0
##	[17094,]	0.000000e+00	0.000000e+00	0	0
##	[17095,]	0.000000e+00	0.000000e+00	0	0
##	[17096,]	4.840000e+02	0.000000e+00	0	0
##	[17097,]	4.900000e+01	0.000000e+00	0	0
##	[17098,]	0.000000e+00	0.000000e+00	0	0
##	[17099,]	6.656400e+04	0.000000e+00	0	0
##	[17100,]	7.290000e+02	0.000000e+00	0	0
##	[17101,]	9.000000e+00	0.000000e+00	0	0
##	[17102,]	0.000000e+00	0.000000e+00	0	0
##	[17103,]	5.760000e+02	0.000000e+00	0	0
##	[17104,]	0.000000e+00	0.000000e+00	0	0
##	[17105,]	8.526400e+04	0.000000e+00	0	0
##	[17106,]	5.712100e+06	0.000000e+00	0	0
##	[17107,]	4.491856e+08	0.000000e+00	0	0
##	[17108,]	4.000000e+02	0.000000e+00	0	0
##	[17109,]	1.205604e+06	0.000000e+00	0	0
##	[17110,]	0.000000e+00	0.000000e+00	0	0

##	[17111,]	8.649000e+03	0.000000e+00	0	0
##	[17112,]	1.512900e+04	0.000000e+00	0	0
##	[17113,]	0.000000e+00	0.000000e+00	0	0
##	[17114,]	5.198410e+05	0.000000e+00	0	0
##	[17115,]	5.100816e+07	0.000000e+00	0	0
##	[17116,]	1.689210e+05	0.000000e+00	0	0
##	[17117,]	0.000000e+00	0.000000e+00	0	0
##	[17118,]	3.136000e+03	0.000000e+00	0	0
##	[17119,]	1.543704e+07	0.000000e+00	0	0
##	[17120,]	1.600000e+03	0.000000e+00	0	0
##	[17121,]	1.994516e+07	0.000000e+00	0	0
##	[17122,]	2.937640e+05	0.000000e+00	0	0
##	[17123,]	0.000000e+00	0.000000e+00	0	0
##	[17124,]	2.209000e+05	0.000000e+00	0	0
##	[17125,]	0.000000e+00	0.000000e+00	0	0
##	[17126,]	1.521000e+03	0.000000e+00	0	0
##	[17127,]	1.223600e+07	0.000000e+00	0	0
##	[17128,]	2.340900e+04	0.000000e+00	0	0
##	[17129,]	1.125721e+06	0.000000e+00	0	0
##	[17130,]	0.000000e+00	0.000000e+00	0	0
##	[17131,]	1.960000e+02	0.000000e+00	0	0
##	[17132,]	1.000000e+00	0.000000e+00	0	0
##	[17133,]	0.000000e+00	0.000000e+00	0	0
##	[17134,]	4.000000e+00	0.000000e+00	0	0
##	[17135,]	3.745440e+05	0.000000e+00	0	0
##	[17136,]	0.000000e+00	0.000000e+00	0	0
##	[17137,]	0.000000e+00	0.000000e+00	0	0
##	[17138,]	0.000000e+00	0.000000e+00	0	0
##	[17139,]	0.000000e+00	0.000000e+00	0	0
##	[17140,]	9.000000e+00	0.000000e+00	0	0
##	[17141,]	7.840000e+02	0.000000e+00	0	0
##	[17142,]	0.000000e+00	0.000000e+00	0	0
##	[17143,]	6.553600e+04	0.000000e+00	0	0
##	[17144,]	0.000000e+00	0.000000e+00	0	0
##	[17145,]	0.000000e+00	0.000000e+00	0	0
##	[17146,]	1.024000e+03	0.000000e+00	0	0
##	[17147,]	0.000000e+00	0.000000e+00	0	0
##	[17148,]	8.236900e+04	0.000000e+00	0	0
##	[17149,]	6.081156e+06	0.000000e+00	0	0
##	[17150,]	4.061031e+08	0.000000e+00	0	0
##	[17151,]	0.000000e+00	0.000000e+00	0	0
##	[17152,]	1.207801e+06	0.000000e+00	0	0
##	[17153,]	0.000000e+00	0.000000e+00	0	0
##	[17154,]	1.000000e+02	0.000000e+00	0	0
##	[17155,]	1.464100e+04	0.000000e+00	0	0
##	[17156,]	6.193690e+05	0.000000e+00	0	0
##	[17157,]	1.488400e+04	0.000000e+00	0	0
##	[17158,]	0.000000e+00	0.000000e+00	0	0
##	[17159,]	4.778957e+07	0.000000e+00	0	0
##	[17160,]	2.256250e+05	0.000000e+00	0	0
##	[17161,]	0.000000e+00	0.000000e+00	0	0
##	[17162,]	2.304000e+03	0.000000e+00	0	0
##	[17163,]	1.499238e+07	0.000000e+00	0	0
##	[17164,]	2.025000e+03	0.000000e+00	0	0

##	[17165,]	2.631690e+05	0.000000e+00	0	0
##	[17166,]	0.000000e+00	0.000000e+00	0	0
##	[17167,]	1.598400e+07	0.000000e+00	0	0
##	[17168,]	1.600000e+03	0.000000e+00	0	0
##	[17169,]	1.900960e+05	0.000000e+00	0	0
##	[17170,]	1.059502e+07	0.000000e+00	0	0
##	[17171,]	0.000000e+00	0.000000e+00	0	0
##	[17172,]	0.000000e+00	0.000000e+00	0	0
##	[17173,]	1.030225e+06	0.000000e+00	0	0
##	[17174,]	4.840000e+02	0.000000e+00	0	0
##	[17175,]	1.795600e+04	0.000000e+00	0	0
##	[17176,]	1.000000e+00	0.000000e+00	0	0
##	[17177,]	0.000000e+00	0.000000e+00	0	0
##	[17178,]	3.014010e+05	0.000000e+00	0	0
##	[17179,]	0.000000e+00	0.000000e+00	0	0
##	[17180,]	0.000000e+00	0.000000e+00	0	0
##	[17181,]	0.000000e+00	0.000000e+00	0	0
##	[17182,]	0.000000e+00	0.000000e+00	0	0
##	[17183,]	0.000000e+00	0.000000e+00	0	0
##	[17184,]	0.000000e+00	0.000000e+00	0	0
##	[17185,]	3.240000e+02	0.000000e+00	0	0
##	[17186,]	5.760000e+04	0.000000e+00	0	0
##	[17187,]	3.600000e+01	0.000000e+00	0	0
##	[17188,]	0.000000e+00	0.000000e+00	0	0
##	[17189,]	0.000000e+00	0.000000e+00	0	0
##	[17190,]	1.000000e+00	0.000000e+00	0	0
##	[17191,]	6.400000e+01	0.000000e+00	0	0
##	[17192,]	7.952400e+04	0.000000e+00	0	0
##	[17193,]	5.116644e+06	0.000000e+00	0	0
##	[17194,]	5.080516e+08	0.000000e+00	0	0
##	[17195,]	0.000000e+00	0.000000e+00	0	0
##	[17196,]	9.000000e+02	0.000000e+00	0	0
##	[17197,]	1.254400e+04	0.000000e+00	0	0
##	[17198,]	0.000000e+00	0.000000e+00	0	0
##	[17199,]	1.399489e+06	0.000000e+00	0	0
##	[17200,]	9.604000e+03	0.000000e+00	0	0
##	[17201,]	5.270760e+05	0.000000e+00	0	0
##	[17202,]	6.360062e+07	0.000000e+00	0	0
##	[17203,]	0.000000e+00	0.000000e+00	0	0
##	[17204,]	1.980250e+05	0.000000e+00	0	0
##	[17205,]	0.000000e+00	0.000000e+00	0	0
##	[17206,]	2.500000e+03	0.000000e+00	0	0
##	[17207,]	1.813908e+07	0.000000e+00	0	0
##	[17208,]	2.132592e+07	0.000000e+00	0	0
##	[17209,]	0.000000e+00	0.000000e+00	0	0
##	[17210,]	2.209000e+03	0.000000e+00	0	0
##	[17211,]	2.116000e+05	0.000000e+00	0	0
##	[17212,]	1.162128e+07	0.000000e+00	0	0
##	[17213,]	0.000000e+00	0.000000e+00	0	0
##	[17214,]	1.521000e+03	0.000000e+00	0	0
##	[17215,]	1.656490e+05	0.000000e+00	0	0
##	[17216,]	1.254400e+04	0.000000e+00	0	0
##	[17217,]	0.000000e+00	0.000000e+00	0	0
##	[17218,]	1.201216e+06	0.000000e+00	0	0

##	[17219,]	3.240000e+02	0.000000e+00	0	0
##	[17220,]	0.000000e+00	0.000000e+00	0	0
##	[17221,]	4.225000e+05	0.000000e+00	0	0
##	[17222,]	1.000000e+00	0.000000e+00	0	0
##	[17223,]	4.000000e+00	0.000000e+00	0	0
##	[17224,]	0.000000e+00	0.000000e+00	0	0
##	[17225,]	0.000000e+00	0.000000e+00	0	0
##	[17226,]	0.000000e+00	0.000000e+00	0	0
##	[17227,]	0.000000e+00	0.000000e+00	0	0
##	[17228,]	7.290000e+02	0.000000e+00	0	0
##	[17229,]	9.859600e+04	0.000000e+00	0	0
##	[17230,]	0.000000e+00	0.000000e+00	0	0
##	[17231,]	2.500000e+01	0.000000e+00	0	0
##	[17232,]	0.000000e+00	0.000000e+00	0	0
##	[17233,]	0.000000e+00	0.000000e+00	0	0
##	[17234,]	0.000000e+00	0.000000e+00	0	0
##	[17235,]	4.410000e+02	0.000000e+00	0	0
##	[17236,]	8.602489e+06	0.000000e+00	0	0
##	[17237,]	5.507470e+08	0.000000e+00	0	0
##	[17238,]	0.000000e+00	0.000000e+00	0	0
##	[17239,]	6.002500e+04	0.000000e+00	0	0
##	[17240,]	1.210000e+02	0.000000e+00	0	0
##	[17241,]	1.493284e+06	0.000000e+00	0	0
##	[17242,]	0.000000e+00	0.000000e+00	0	0
##	[17243,]	1.822500e+04	0.000000e+00	0	0
##	[17244,]	9.604000e+03	0.000000e+00	0	0
##	[17245,]	6.811201e+07	0.000000e+00	0	0
##	[17246,]	1.117249e+06	0.000000e+00	0	0
##	[17247,]	0.000000e+00	0.000000e+00	0	0
##	[17248,]	2.025000e+03	0.000000e+00	0	0
##	[17249,]	2.872960e+05	0.000000e+00	0	0
##	[17250,]	1.988268e+07	0.000000e+00	0	0
##	[17251,]	0.000000e+00	0.000000e+00	0	0
##	[17252,]	2.116000e+03	0.000000e+00	0	0
##	[17253,]	2.343528e+07	0.000000e+00	0	0
##	[17254,]	0.000000e+00	0.000000e+00	0	0
##	[17255,]	3.868840e+05	0.000000e+00	0	0
##	[17256,]	1.270922e+07	0.000000e+00	0	0
##	[17257,]	1.369000e+03	0.000000e+00	0	0
##	[17258,]	2.143690e+05	0.000000e+00	0	0
##	[17259,]	0.000000e+00	0.000000e+00	0	0
##	[17260,]	6.400000e+01	0.000000e+00	0	0
##	[17261,]	1.272384e+06	0.000000e+00	0	0
##	[17262,]	0.000000e+00	0.000000e+00	0	0
##	[17263,]	1.440000e+04	0.000000e+00	0	0
##	[17264,]	8.100000e+01	0.000000e+00	0	0
##	[17265,]	0.000000e+00	0.000000e+00	0	0
##	[17266,]	0.000000e+00	0.000000e+00	0	0
##	[17267,]	5.055210e+05	0.000000e+00	0	0
##	[17268,]	0.000000e+00	0.000000e+00	0	0
##	[17269,]	0.000000e+00	0.000000e+00	0	0
##	[17270,]	0.000000e+00	0.000000e+00	0	0
##	[17271,]	0.000000e+00	0.000000e+00	0	0
##	[17272,]	1.128960e+05	0.000000e+00	0	0

##	[17273,]	0.000000e+00	0.000000e+00	0	0
##	[17274,]	2.304000e+03	0.000000e+00	0	0
##	[17275,]	9.000000e+00	0.000000e+00	0	0
##	[17276,]	2.560000e+02	0.000000e+00	0	0
##	[17277,]	0.000000e+00	0.000000e+00	0	0
##	[17278,]	0.000000e+00	0.000000e+00	0	0
##	[17279,]	9.000000e+00	0.000000e+00	0	0
##	[17280,]	0.000000e+00	0.000000e+00	0	0
##	[17281,]	1.118234e+07	0.000000e+00	0	0
##	[17282,]	4.758942e+08	0.000000e+00	0	0
##	[17283,]	2.016400e+04	0.000000e+00	0	0
##	[17284,]	1.988100e+04	0.000000e+00	0	0
##	[17285,]	1.600000e+01	0.000000e+00	0	0
##	[17286,]	1.247689e+06	0.000000e+00	0	0
##	[17287,]	0.000000e+00	0.000000e+00	0	0
##	[17288,]	1.359556e+06	0.000000e+00	0	0
##	[17289,]	0.000000e+00	0.000000e+00	0	0
##	[17290,]	2.704000e+03	0.000000e+00	0	0
##	[17291,]	5.955209e+07	0.000000e+00	0	0
##	[17292,]	6.760000e+02	0.000000e+00	0	0
##	[17293,]	4.212010e+05	0.000000e+00	0	0
##	[17294,]	1.699088e+07	0.000000e+00	0	0
##	[17295,]	0.000000e+00	0.000000e+00	0	0
##	[17296,]	0.000000e+00	0.000000e+00	0	0
##	[17297,]	5.299840e+05	0.000000e+00	0	0
##	[17298,]	5.290000e+02	0.000000e+00	0	0
##	[17299,]	1.920192e+07	0.000000e+00	0	0
##	[17300,]	1.143116e+07	0.000000e+00	0	0
##	[17301,]	0.000000e+00	0.000000e+00	0	0
##	[17302,]	6.250000e+02	0.000000e+00	0	0
##	[17303,]	2.391210e+05	0.000000e+00	0	0
##	[17304,]	0.000000e+00	0.000000e+00	0	0
##	[17305,]	2.924100e+04	0.000000e+00	0	0
##	[17306,]	1.201216e+06	0.000000e+00	0	0
##	[17307,]	1.440000e+02	0.000000e+00	0	0
##	[17308,]	1.156000e+03	0.000000e+00	0	0
##	[17309,]	0.000000e+00	0.000000e+00	0	0
##	[17310,]	5.867560e+05	0.000000e+00	0	0
##	[17311,]	0.000000e+00	0.000000e+00	0	0
##	[17312,]	0.000000e+00	0.000000e+00	0	0
##	[17313,]	0.000000e+00	0.000000e+00	0	0
##	[17314,]	0.000000e+00	0.000000e+00	0	0
##	[17315,]	0.000000e+00	0.000000e+00	0	0
##	[17316,]	2.500000e+03	0.000000e+00	0	0
##	[17317,]	0.000000e+00	0.000000e+00	0	0
##	[17318,]	1.600000e+01	0.000000e+00	0	0
##	[17319,]	1.062760e+05	0.000000e+00	0	0
##	[17320,]	0.000000e+00	0.000000e+00	0	0
##	[17321,]	0.000000e+00	0.000000e+00	0	0
##	[17322,]	1.369000e+03	0.000000e+00	0	0
##	[17323,]	0.000000e+00	0.000000e+00	0	0
##	[17324,]	0.000000e+00	0.000000e+00	0	0
##	[17325,]	3.844000e+03	0.000000e+00	0	0
##	[17326,]	3.982818e+08	0.000000e+00	0	0

##	[17327,]	8.791225e+06	0.000000e+00	0	0
##	[17328,]	0.000000e+00	0.000000e+00	0	0
##	[17329,]	1.537600e+04	0.000000e+00	0	0
##	[17330,]	1.194649e+06	0.000000e+00	0	0
##	[17331,]	9.000000e+00	0.000000e+00	0	0
##	[17332,]	0.000000e+00	0.000000e+00	0	0
##	[17333,]	5.150933e+07	0.000000e+00	0	0
##	[17334,]	2.560000e+02	0.000000e+00	0	0
##	[17335,]	1.032256e+06	0.000000e+00	0	0
##	[17336,]	0.000000e+00	0.000000e+00	0	0
##	[17337,]	2.250000e+02	0.000000e+00	0	0
##	[17338,]	1.366781e+07	0.000000e+00	0	0
##	[17339,]	2.970250e+05	0.000000e+00	0	0
##	[17340,]	4.096000e+05	0.000000e+00	0	0
##	[17341,]	8.100000e+01	0.000000e+00	0	0
##	[17342,]	0.000000e+00	0.000000e+00	0	0
##	[17343,]	1.597601e+07	0.000000e+00	0	0
##	[17344,]	0.000000e+00	0.000000e+00	0	0
##	[17345,]	9.084196e+06	0.000000e+00	0	0
##	[17346,]	2.560000e+02	0.000000e+00	0	0
##	[17347,]	2.470090e+05	0.000000e+00	0	0
##	[17348,]	0.000000e+00	0.000000e+00	0	0
##	[17349,]	9.000000e+00	0.000000e+00	0	0
##	[17350,]	2.044900e+04	0.000000e+00	0	0
##	[17351,]	9.584410e+05	0.000000e+00	0	0
##	[17352,]	0.000000e+00	0.000000e+00	0	0
##	[17353,]	0.000000e+00	0.000000e+00	0	0
##	[17354,]	4.410000e+02	0.000000e+00	0	0
##	[17355,]	5.126560e+05	0.000000e+00	0	0
##	[17356,]	0.000000e+00	0.000000e+00	0	0
##	[17357,]	0.000000e+00	0.000000e+00	0	0
##	[17358,]	0.000000e+00	0.000000e+00	0	0
##	[17359,]	0.000000e+00	0.000000e+00	0	0
##	[17360,]	1.069290e+05	0.000000e+00	0	0
##	[17361,]	1.369000e+03	0.000000e+00	0	0
##	[17362,]	1.000000e+00	0.000000e+00	0	0
##	[17363,]	0.000000e+00	0.000000e+00	0	0
##	[17364,]	2.304000e+03	0.000000e+00	0	0
##	[17365,]	1.000000e+00	0.000000e+00	0	0
##	[17366,]	0.000000e+00	0.000000e+00	0	0
##	[17367,]	0.000000e+00	0.000000e+00	0	0
##	[17368,]	0.000000e+00	0.000000e+00	0	0
##	[17369,]	5.090438e+08	0.000000e+00	0	0
##	[17370,]	9.308601e+06	0.000000e+00	0	0
##	[17371,]	1.512900e+04	0.000000e+00	0	0
##	[17372,]	0.000000e+00	0.000000e+00	0	0
##	[17373,]	1.904400e+04	0.000000e+00	0	0
##	[17374,]	2.036329e+06	0.000000e+00	0	0
##	[17375,]	1.600000e+01	0.000000e+00	0	0
##	[17376,]	0.000000e+00	0.000000e+00	0	0
##	[17377,]	1.299600e+06	0.000000e+00	0	0
##	[17378,]	7.157160e+07	0.000000e+00	0	0
##	[17379,]	2.500000e+03	0.000000e+00	0	0
##	[17380,]	3.025000e+05	0.000000e+00	0	0

##	[17381,]	5.760000e+02	0.000000e+00	0	0
##	[17382,]	0.000000e+00	0.000000e+00	0	0
##	[17383,]	1.701562e+07	0.000000e+00	0	0
##	[17384,]	1.870562e+07	0.000000e+00	0	0
##	[17385,]	3.375610e+05	0.000000e+00	0	0
##	[17386,]	4.840000e+02	0.000000e+00	0	0
##	[17387,]	0.000000e+00	0.000000e+00	0	0
##	[17388,]	1.005524e+07	0.000000e+00	0	0
##	[17389,]	2.304000e+05	0.000000e+00	0	0
##	[17390,]	3.610000e+02	0.000000e+00	0	0
##	[17391,]	0.000000e+00	0.000000e+00	0	0
##	[17392,]	1.110916e+06	0.000000e+00	0	0
##	[17393,]	1.600000e+01	0.000000e+00	0	0
##	[17394,]	0.000000e+00	0.000000e+00	0	0
##	[17395,]	2.624400e+04	0.000000e+00	0	0
##	[17396,]	0.000000e+00	0.000000e+00	0	0
##	[17397,]	0.000000e+00	0.000000e+00	0	0
##	[17398,]	7.708840e+05	0.000000e+00	0	0
##	[17399,]	7.840000e+02	0.000000e+00	0	0
##	[17400,]	0.000000e+00	0.000000e+00	0	0
##	[17401,]	0.000000e+00	0.000000e+00	0	0
##	[17402,]	0.000000e+00	0.000000e+00	0	0
##	[17403,]	0.000000e+00	0.000000e+00	0	0
##	[17404,]	2.025000e+03	0.000000e+00	0	0
##	[17405,]	0.000000e+00	0.000000e+00	0	0
##	[17406,]	7.840000e+04	0.000000e+00	0	0
##	[17407,]	1.000000e+00	0.000000e+00	0	0
##	[17408,]	0.000000e+00	0.000000e+00	0	0
##	[17409,]	1.369000e+03	0.000000e+00	0	0
##	[17410,]	0.000000e+00	0.000000e+00	0	0
##	[17411,]	4.000000e+00	0.000000e+00	0	0
##	[17412,]	3.870269e+08	0.000000e+00	0	0
##	[17413,]	7.569000e+03	0.000000e+00	0	0
##	[17414,]	6.543364e+06	0.000000e+00	0	0
##	[17415,]	0.000000e+00	0.000000e+00	0	0
##	[17416,]	1.635841e+06	0.000000e+00	0	0
##	[17417,]	1.440000e+04	0.000000e+00	0	0
##	[17418,]	0.000000e+00	0.000000e+00	0	0
##	[17419,]	4.900000e+01	0.000000e+00	0	0
##	[17420,]	1.044484e+06	0.000000e+00	0	0
##	[17421,]	1.521000e+03	0.000000e+00	0	0
##	[17422,]	0.000000e+00	0.000000e+00	0	0
##	[17423,]	5.595040e+07	0.000000e+00	0	0
##	[17424,]	1.440000e+02	0.000000e+00	0	0
##	[17425,]	1.301045e+07	0.000000e+00	0	0
##	[17426,]	0.000000e+00	0.000000e+00	0	0
##	[17427,]	2.304000e+05	0.000000e+00	0	0
##	[17428,]	2.560000e+02	0.000000e+00	0	0
##	[17429,]	0.000000e+00	0.000000e+00	0	0
##	[17430,]	1.254576e+07	0.000000e+00	0	0
##	[17431,]	2.218410e+05	0.000000e+00	0	0
##	[17432,]	1.000000e+02	0.000000e+00	0	0
##	[17433,]	8.082649e+06	0.000000e+00	0	0
##	[17434,]	0.000000e+00	0.000000e+00	0	0

##	[17435,]	1.253160e+05	0.000000e+00	0	0
##	[17436,]	8.500840e+05	0.000000e+00	0	0
##	[17437,]	0.000000e+00	0.000000e+00	0	0
##	[17438,]	1.232100e+04	0.000000e+00	0	0
##	[17439,]	9.000000e+00	0.000000e+00	0	0
##	[17440,]	5.882890e+05	0.000000e+00	0	0
##	[17441,]	7.840000e+02	0.000000e+00	0	0
##	[17442,]	0.000000e+00	0.000000e+00	0	0
##	[17443,]	0.000000e+00	0.000000e+00	0	0
##	[17444,]	0.000000e+00	0.000000e+00	0	0
##	[17445,]	0.000000e+00	0.000000e+00	0	0
##	[17446,]	0.000000e+00	0.000000e+00	0	0
##	[17447,]	0.000000e+00	0.000000e+00	0	0
##	[17448,]	6.812100e+04	0.000000e+00	0	0
##	[17449,]	0.000000e+00	0.000000e+00	0	0
##	[17450,]	0.000000e+00	0.000000e+00	0	0
##	[17451,]	1.444000e+03	0.000000e+00	0	0
##	[17452,]	0.000000e+00	0.000000e+00	0	0
##	[17453,]	0.000000e+00	0.000000e+00	0	0
##	[17454,]	0.000000e+00	0.000000e+00	0	0
##	[17455,]	9.000000e+02	0.000000e+00	0	0
##	[17456,]	5.322249e+06	3.249000e+03	0	0
##	[17457,]	1.960000e+04	0.000000e+00	0	0
##	[17458,]	2.272858e+08	2.380849e+06	0	0
##	[17459,]	0.000000e+00	0.000000e+00	0	0
##	[17460,]	1.416100e+04	0.000000e+00	0	0
##	[17461,]	0.000000e+00	0.000000e+00	0	0
##	[17462,]	1.440000e+02	0.000000e+00	0	0
##	[17463,]	9.761440e+05	3.600000e+01	0	0
##	[17464,]	0.000000e+00	0.000000e+00	0	0
##	[17465,]	3.364000e+03	0.000000e+00	0	0
##	[17466,]	8.537760e+05	3.240000e+02	0	0
##	[17467,]	3.374448e+07	1.303210e+05	0	0
##	[17468,]	4.000000e+02	0.000000e+00	0	0
##	[17469,]	1.831840e+05	1.210000e+02	0	0
##	[17470,]	0.000000e+00	0.000000e+00	0	0
##	[17471,]	7.059649e+06	1.648360e+05	0	0
##	[17472,]	1.369000e+03	0.000000e+00	0	0
##	[17473,]	0.000000e+00	0.000000e+00	0	0
##	[17474,]	7.584516e+06	2.530090e+05	0	0
##	[17475,]	1.989160e+05	1.000000e+02	0	0
##	[17476,]	0.000000e+00	0.000000e+00	0	0
##	[17477,]	8.100000e+01	0.000000e+00	0	0
##	[17478,]	9.424900e+04	2.250000e+02	0	0
##	[17479,]	4.622500e+06	5.017600e+04	0	0
##	[17480,]	6.889000e+03	9.000000e+00	0	0
##	[17481,]	0.000000e+00	0.000000e+00	0	0
##	[17482,]	1.600000e+01	0.000000e+00	0	0
##	[17483,]	5.155240e+05	1.849000e+03	0	0
##	[17484,]	0.000000e+00	0.000000e+00	0	0
##	[17485,]	5.760000e+02	0.000000e+00	0	0
##	[17486,]	4.083210e+05	0.000000e+00	0	0
##	[17487,]	0.000000e+00	0.000000e+00	0	0
##	[17488,]	0.000000e+00	0.000000e+00	0	0

##	[17489,]	0.000000e+00	0.000000e+00	0	0
##	[17490,]	0.000000e+00	0.000000e+00	0	0
##	[17491,]	0.000000e+00	0.000000e+00	0	0
##	[17492,]	5.290000e+02	3.610000e+02	0	0
##	[17493,]	1.000000e+00	0.000000e+00	0	0
##	[17494,]	0.000000e+00	0.000000e+00	0	0
##	[17495,]	3.312400e+04	1.361889e+06	0	0
##	[17496,]	0.000000e+00	0.000000e+00	0	0
##	[17497,]	0.000000e+00	0.000000e+00	0	0
##	[17498,]	0.000000e+00	0.000000e+00	0	0
##	[17499,]	6.760000e+02	9.000000e+00	0	0
##	[17500,]	2.025498e+08	8.288641e+06	0	0
##	[17501,]	2.411809e+06	1.081600e+04	0	0
##	[17502,]	1.296000e+03	0.000000e+00	0	0
##	[17503,]	0.000000e+00	0.000000e+00	0	0
##	[17504,]	9.604000e+03	0.000000e+00	0	0
##	[17505,]	1.000000e+00	0.000000e+00	0	0
##	[17506,]	1.100401e+06	1.960000e+02	0	0
##	[17507,]	0.000000e+00	0.000000e+00	0	0
##	[17508,]	4.225000e+05	1.369000e+03	0	0
##	[17509,]	0.000000e+00	0.000000e+00	0	0
##	[17510,]	2.593865e+07	4.108810e+05	0	0
##	[17511,]	2.250000e+02	0.000000e+00	0	0
##	[17512,]	6.046681e+06	6.068410e+05	0	0
##	[17513,]	6.250000e+04	5.760000e+02	0	0
##	[17514,]	6.400000e+01	0.000000e+00	0	0
##	[17515,]	0.000000e+00	0.000000e+00	0	0
##	[17516,]	6.400000e+01	0.000000e+00	0	0
##	[17517,]	6.760000e+04	4.410000e+02	0	0
##	[17518,]	7.033104e+06	8.172160e+05	0	0
##	[17519,]	0.000000e+00	0.000000e+00	0	0
##	[17520,]	9.000000e+00	0.000000e+00	0	0
##	[17521,]	0.000000e+00	0.000000e+00	0	0
##	[17522,]	4.950625e+06	2.007040e+05	0	0
##	[17523,]	4.536900e+04	3.610000e+02	0	0
##	[17524,]	0.000000e+00	0.000000e+00	0	0
##	[17525,]	5.685160e+05	8.649000e+03	0	0
##	[17526,]	6.724000e+03	9.000000e+00	0	0
##	[17527,]	1.000000e+00	0.000000e+00	0	0
##	[17528,]	0.000000e+00	0.000000e+00	0	0
##	[17529,]	2.981160e+05	0.000000e+00	0	0
##	[17530,]	2.250000e+02	0.000000e+00	0	0
##	[17531,]	0.000000e+00	0.000000e+00	0	0
##	[17532,]	0.000000e+00	0.000000e+00	0	0
##	[17533,]	0.000000e+00	0.000000e+00	0	0
##	[17534,]	0.000000e+00	0.000000e+00	0	0
##	[17535,]	0.000000e+00	0.000000e+00	0	0
##	[17536,]	0.000000e+00	0.000000e+00	0	0
##	[17537,]	1.000000e+00	0.000000e+00	0	0
##	[17538,]	5.107600e+04	4.072324e+06	0	0
##	[17539,]	4.000000e+02	1.225000e+03	0	0
##	[17540,]	0.000000e+00	0.000000e+00	0	0
##	[17541,]	0.000000e+00	0.000000e+00	0	0
##	[17542,]	0.000000e+00	0.000000e+00	0	0

##	[17543,]	4.761000e+03	2.500000e+01	0	0
##	[17544,]	0.000000e+00	0.000000e+00	0	0
##	[17545,]	9.610000e+02	0.000000e+00	0	0
##	[17546,]	2.307361e+06	2.464900e+04	0	0
##	[17547,]	1.238546e+08	1.049760e+07	0	0
##	[17548,]	0.000000e+00	0.000000e+00	0	0
##	[17549,]	4.000000e+00	0.000000e+00	0	0
##	[17550,]	4.356000e+05	3.610000e+02	0	0
##	[17551,]	9.801000e+03	0.000000e+00	0	0
##	[17552,]	0.000000e+00	0.000000e+00	0	0
##	[17553,]	1.616040e+07	5.431690e+05	0	0
##	[17554,]	1.440000e+02	0.000000e+00	0	0
##	[17555,]	3.769960e+05	1.369000e+03	0	0
##	[17556,]	6.300100e+04	1.681000e+03	0	0
##	[17557,]	0.000000e+00	0.000000e+00	0	0
##	[17558,]	1.600000e+01	0.000000e+00	0	0
##	[17559,]	4.186116e+06	6.416010e+05	0	0
##	[17560,]	2.500000e+01	0.000000e+00	0	0
##	[17561,]	0.000000e+00	0.000000e+00	0	0
##	[17562,]	6.812100e+04	2.116000e+03	0	0
##	[17563,]	4.558225e+06	1.162084e+06	0	0
##	[17564,]	2.965284e+06	2.246760e+05	0	0
##	[17565,]	0.000000e+00	0.000000e+00	0	0
##	[17566,]	3.600000e+01	0.000000e+00	0	0
##	[17567,]	4.536900e+04	4.000000e+02	0	0
##	[17568,]	4.000000e+00	0.000000e+00	0	0
##	[17569,]	6.561000e+03	1.690000e+02	0	0
##	[17570,]	0.000000e+00	0.000000e+00	0	0
##	[17571,]	2.981160e+05	1.716100e+04	0	0
##	[17572,]	0.000000e+00	0.000000e+00	0	0
##	[17573,]	0.000000e+00	0.000000e+00	0	0
##	[17574,]	2.256250e+05	0.000000e+00	0	0
##	[17575,]	6.760000e+02	0.000000e+00	0	0
##	[17576,]	0.000000e+00	0.000000e+00	0	0
##	[17577,]	0.000000e+00	0.000000e+00	0	0
##	[17578,]	0.000000e+00	0.000000e+00	0	0
##	[17579,]	0.000000e+00	0.000000e+00	0	0
##	[17580,]	0.000000e+00	0.000000e+00	0	0
##	[17581,]	3.960100e+04	3.489424e+06	0	0
##	[17582,]	1.089000e+03	3.844000e+03	0	0
##	[17583,]	0.000000e+00	0.000000e+00	0	0
##	[17584,]	0.000000e+00	0.000000e+00	0	0
##	[17585,]	0.000000e+00	0.000000e+00	0	0
##	[17586,]	1.000000e+02	7.396000e+03	0	0
##	[17587,]	0.000000e+00	0.000000e+00	0	0
##	[17588,]	0.000000e+00	0.000000e+00	0	0
##	[17589,]	1.830609e+06	9.922500e+04	0	0
##	[17590,]	1.470399e+08	1.762320e+07	0	0
##	[17591,]	2.304000e+03	0.000000e+00	0	0
##	[17592,]	9.409000e+03	0.000000e+00	0	0
##	[17593,]	5.055210e+05	6.250000e+02	0	0
##	[17594,]	0.000000e+00	0.000000e+00	0	0
##	[17595,]	4.000000e+00	0.000000e+00	0	0
##	[17596,]	2.560000e+02	0.000000e+00	0	0

##	[17597,]	2.937640e+05	9.604000e+03	0	0
##	[17598,]	2.188368e+07	8.930250e+05	0	0
##	[17599,]	0.000000e+00	0.000000e+00	0	0
##	[17600,]	0.000000e+00	0.000000e+00	0	0
##	[17601,]	1.000000e+02	0.000000e+00	0	0
##	[17602,]	4.928400e+06	1.067089e+06	0	0
##	[17603,]	7.236100e+04	4.489000e+03	0	0
##	[17604,]	0.000000e+00	0.000000e+00	0	0
##	[17605,]	4.326400e+04	5.041000e+03	0	0
##	[17606,]	1.210000e+02	0.000000e+00	0	0
##	[17607,]	5.094049e+06	1.766241e+06	0	0
##	[17608,]	2.917264e+06	4.942090e+05	0	0
##	[17609,]	0.000000e+00	0.000000e+00	0	0
##	[17610,]	4.900000e+01	0.000000e+00	0	0
##	[17611,]	2.755600e+04	3.481000e+03	0	0
##	[17612,]	3.047040e+05	2.656900e+04	0	0
##	[17613,]	0.000000e+00	0.000000e+00	0	0
##	[17614,]	4.000000e+00	0.000000e+00	0	0
##	[17615,]	5.041000e+03	4.000000e+02	0	0
##	[17616,]	1.672810e+05	0.000000e+00	0	0
##	[17617,]	2.250000e+02	0.000000e+00	0	0
##	[17618,]	0.000000e+00	0.000000e+00	0	0
##	[17619,]	0.000000e+00	0.000000e+00	0	0
##	[17620,]	0.000000e+00	0.000000e+00	0	0
##	[17621,]	0.000000e+00	0.000000e+00	0	0
##	[17622,]	0.000000e+00	0.000000e+00	0	0
##	[17623,]	0.000000e+00	0.000000e+00	0	0
##	[17624,]	0.000000e+00	0.000000e+00	0	0
##	[17625,]	4.840000e+02	8.464000e+03	0	0
##	[17626,]	9.000000e+00	0.000000e+00	0	0
##	[17627,]	6.400900e+04	4.016016e+06	0	0
##	[17628,]	0.000000e+00	0.000000e+00	0	0
##	[17629,]	0.000000e+00	0.000000e+00	0	0
##	[17630,]	4.000000e+00	1.521000e+03	0	0
##	[17631,]	0.000000e+00	0.000000e+00	0	0
##	[17632,]	2.540836e+06	3.469210e+05	0	0
##	[17633,]	2.601000e+03	0.000000e+00	0	0
##	[17634,]	0.000000e+00	0.000000e+00	0	0
##	[17635,]	1.305992e+08	2.652250e+07	0	0
##	[17636,]	4.108810e+05	8.410000e+02	0	0
##	[17637,]	0.000000e+00	0.000000e+00	0	0
##	[17638,]	8.836000e+03	8.100000e+01	0	0
##	[17639,]	4.000000e+00	0.000000e+00	0	0
##	[17640,]	1.916688e+07	1.354896e+06	0	0
##	[17641,]	4.830250e+05	2.190400e+04	0	0
##	[17642,]	0.000000e+00	0.000000e+00	0	0
##	[17643,]	3.610000e+02	0.000000e+00	0	0
##	[17644,]	4.605316e+06	1.454436e+06	0	0
##	[17645,]	1.000000e+02	0.000000e+00	0	0
##	[17646,]	8.122500e+04	1.664100e+04	0	0
##	[17647,]	0.000000e+00	0.000000e+00	0	0
##	[17648,]	6.969600e+04	2.624400e+04	0	0
##	[17649,]	4.674244e+06	2.758921e+06	0	0
##	[17650,]	8.100000e+01	0.000000e+00	0	0

##	[17651,]	0.000000e+00	0.000000e+00	0	0
##	[17652,]	3.880900e+04	1.254400e+04	0	0
##	[17653,]	0.000000e+00	0.000000e+00	0	0
##	[17654,]	2.534464e+06	7.551610e+05	0	0
##	[17655,]	4.900000e+01	0.000000e+00	0	0
##	[17656,]	3.481000e+03	8.410000e+02	0	0
##	[17657,]	0.000000e+00	0.000000e+00	0	0
##	[17658,]	2.590810e+05	4.884100e+04	0	0
##	[17659,]	1.600000e+01	0.000000e+00	0	0
##	[17660,]	0.000000e+00	0.000000e+00	0	0
##	[17661,]	1.451610e+05	0.000000e+00	0	0
##	[17662,]	0.000000e+00	0.000000e+00	0	0
##	[17663,]	1.440000e+02	0.000000e+00	0	0
##	[17664,]	0.000000e+00	0.000000e+00	0	0
##	[17665,]	0.000000e+00	0.000000e+00	0	0
##	[17666,]	0.000000e+00	0.000000e+00	0	0
##	[17667,]	0.000000e+00	0.000000e+00	0	0
##	[17668,]	4.000000e+00	0.000000e+00	0	0
##	[17669,]	6.760000e+02	1.742400e+04	0	0
##	[17670,]	0.000000e+00	0.000000e+00	0	0
##	[17671,]	5.062500e+04	2.822400e+06	0	0
##	[17672,]	0.000000e+00	0.000000e+00	0	0
##	[17673,]	8.100000e+01	2.809000e+03	0	0
##	[17674,]	0.000000e+00	9.000000e+00	0	0
##	[17675,]	0.000000e+00	0.000000e+00	0	0
##	[17676,]	1.782225e+06	1.435204e+06	0	0
##	[17677,]	1.405647e+08	5.425796e+07	0	0
##	[17678,]	0.000000e+00	0.000000e+00	0	0
##	[17679,]	0.000000e+00	0.000000e+00	0	0
##	[17680,]	6.241000e+03	3.240000e+02	0	0
##	[17681,]	4.032250e+05	3.481000e+03	0	0
##	[17682,]	0.000000e+00	0.000000e+00	0	0
##	[17683,]	0.000000e+00	0.000000e+00	0	0
##	[17684,]	0.000000e+00	0.000000e+00	0	0
##	[17685,]	3.260410e+05	1.383840e+05	0	0
##	[17686,]	2.203364e+07	2.143296e+06	0	0
##	[17687,]	0.000000e+00	0.000000e+00	0	0
##	[17688,]	0.000000e+00	0.000000e+00	0	0
##	[17689,]	4.284900e+04	4.494400e+04	0	0
##	[17690,]	4.297329e+06	2.211169e+06	0	0
##	[17691,]	0.000000e+00	0.000000e+00	0	0
##	[17692,]	0.000000e+00	0.000000e+00	0	0
##	[17693,]	5.166529e+06	5.480281e+06	0	0
##	[17694,]	5.712100e+04	1.056250e+05	0	0
##	[17695,]	0.000000e+00	0.000000e+00	0	0
##	[17696,]	3.496900e+04	4.326400e+04	0	0
##	[17697,]	0.000000e+00	0.000000e+00	0	0
##	[17698,]	2.802276e+06	2.534464e+06	0	0
##	[17699,]	0.000000e+00	0.000000e+00	0	0
##	[17700,]	2.570490e+05	1.789290e+05	0	0
##	[17701,]	2.704000e+03	3.969000e+03	0	0
##	[17702,]	0.000000e+00	0.000000e+00	0	0
##	[17703,]	0.000000e+00	0.000000e+00	0	0
##	[17704,]	1.944810e+05	0.000000e+00	0	0

##	[17705,]	2.560000e+02	0.000000e+00	0	0
##	[17706,]	0.000000e+00	0.000000e+00	0	0
##	[17707,]	0.000000e+00	0.000000e+00	0	0
##	[17708,]	0.000000e+00	0.000000e+00	0	0
##	[17709,]	0.000000e+00	0.000000e+00	0	0
##	[17710,]	0.000000e+00	0.000000e+00	0	0
##	[17711,]	0.000000e+00	0.000000e+00	0	0
##	[17712,]	7.290000e+02	3.312400e+04	0	0
##	[17713,]	2.433600e+04	2.340900e+06	0	0
##	[17714,]	0.000000e+00	0.000000e+00	0	0
##	[17715,]	0.000000e+00	0.000000e+00	0	0
##	[17716,]	0.000000e+00	0.000000e+00	0	0
##	[17717,]	0.000000e+00	0.000000e+00	0	0
##	[17718,]	0.000000e+00	0.000000e+00	0	0
##	[17719,]	9.610000e+02	4.761000e+03	0	0
##	[17720,]	0.000000e+00	0.000000e+00	0	0
##	[17721,]	8.845271e+08	1.599972e+08	0	0
##	[17722,]	2.160900e+06	4.372281e+06	0	0
##	[17723,]	0.000000e+00	0.000000e+00	0	0
##	[17724,]	7.661824e+06	7.396000e+03	0	0
##	[17725,]	4.489000e+03	1.440000e+02	0	0
##	[17726,]	0.000000e+00	0.000000e+00	0	0
##	[17727,]	0.000000e+00	0.000000e+00	0	0
##	[17728,]	3.893760e+05	2.070250e+05	0	0
##	[17729,]	0.000000e+00	0.000000e+00	0	0
##	[17730,]	1.893926e+08	5.189284e+06	0	0
##	[17731,]	0.000000e+00	0.000000e+00	0	0
##	[17732,]	0.000000e+00	0.000000e+00	0	0
##	[17733,]	6.604900e+04	1.398760e+05	0	0
##	[17734,]	0.000000e+00	0.000000e+00	0	0
##	[17735,]	2.904132e+07	5.480281e+06	0	0
##	[17736,]	8.940100e+04	3.782250e+05	0	0
##	[17737,]	0.000000e+00	0.000000e+00	0	0
##	[17738,]	2.045753e+07	1.428840e+07	0	0
##	[17739,]	0.000000e+00	0.000000e+00	0	0
##	[17740,]	0.000000e+00	0.000000e+00	0	0
##	[17741,]	6.990736e+06	1.051056e+07	0	0
##	[17742,]	0.000000e+00	0.000000e+00	0	0
##	[17743,]	2.890000e+04	2.342560e+05	0	0
##	[17744,]	2.809000e+03	2.280100e+04	0	0
##	[17745,]	4.290250e+05	8.500840e+05	0	0
##	[17746,]	0.000000e+00	0.000000e+00	0	0
##	[17747,]	0.000000e+00	0.000000e+00	0	0
##	[17748,]	1.440000e+02	0.000000e+00	0	0
##	[17749,]	6.052840e+05	0.000000e+00	0	0
##	[17750,]	0.000000e+00	0.000000e+00	0	0
##	[17751,]	0.000000e+00	0.000000e+00	0	0
##	[17752,]	0.000000e+00	0.000000e+00	0	0
##	[17753,]	0.000000e+00	0.000000e+00	0	0
##	[17754,]	0.000000e+00	0.000000e+00	0	0
##	[17755,]	0.000000e+00	0.000000e+00	0	0
##	[17756,]	8.427240e+05	2.595321e+06	0	0
##	[17757,]	0.000000e+00	0.000000e+00	0	0
##	[17758,]	0.000000e+00	0.000000e+00	0	0

##	[17759,]	5.760000e+02	5.107600e+04	0	0
##	[17760,]	0.000000e+00	0.000000e+00	0	0
##	[17761,]	9.000000e+02	9.610000e+02	0	0
##	[17762,]	0.000000e+00	0.000000e+00	0	0
##	[17763,]	0.000000e+00	0.000000e+00	0	0
##	[17764,]	0.000000e+00	0.000000e+00	0	0
##	[17765,]	0.000000e+00	0.000000e+00	0	0
##	[17766,]	2.023830e+09	3.051310e+08	0	0
##	[17767,]	1.512432e+07	8.031556e+06	0	0
##	[17768,]	9.060100e+04	5.290000e+02	0	0
##	[17769,]	0.000000e+00	0.000000e+00	0	0
##	[17770,]	1.924577e+07	1.210000e+04	0	0
##	[17771,]	0.000000e+00	0.000000e+00	0	0
##	[17772,]	4.183252e+08	6.466849e+06	0	0
##	[17773,]	0.000000e+00	0.000000e+00	0	0
##	[17774,]	0.000000e+00	0.000000e+00	0	0
##	[17775,]	4.096576e+06	3.576040e+05	0	0
##	[17776,]	0.000000e+00	0.000000e+00	0	0
##	[17777,]	7.396000e+07	7.711729e+06	0	0
##	[17778,]	0.000000e+00	0.000000e+00	0	0
##	[17779,]	4.733440e+05	2.323240e+05	0	0
##	[17780,]	0.000000e+00	0.000000e+00	0	0
##	[17781,]	0.000000e+00	0.000000e+00	0	0
##	[17782,]	4.733440e+07	2.891213e+07	0	0
##	[17783,]	2.970250e+05	6.480250e+05	0	0
##	[17784,]	6.150400e+04	5.140890e+05	0	0
##	[17785,]	0.000000e+00	0.000000e+00	0	0
##	[17786,]	0.000000e+00	0.000000e+00	0	0
##	[17787,]	1.362348e+07	2.659465e+07	0	0
##	[17788,]	6.889000e+03	4.368100e+04	0	0
##	[17789,]	9.525760e+05	2.262016e+06	0	0
##	[17790,]	0.000000e+00	0.000000e+00	0	0
##	[17791,]	0.000000e+00	0.000000e+00	0	0
##	[17792,]	1.440000e+06	0.000000e+00	0	0
##	[17793,]	9.610000e+02	0.000000e+00	0	0
##	[17794,]	0.000000e+00	0.000000e+00	0	0
##	[17795,]	0.000000e+00	0.000000e+00	0	0
##	[17796,]	0.000000e+00	0.000000e+00	0	0
##	[17797,]	0.000000e+00	0.000000e+00	0	0
##	[17798,]	0.000000e+00	0.000000e+00	0	0
##	[17799,]	0.000000e+00	0.000000e+00	0	0
##	[17800,]	1.290496e+06	2.022084e+06	0	0
##	[17801,]	0.000000e+00	0.000000e+00	0	0
##	[17802,]	0.000000e+00	0.000000e+00	0	0
##	[17803,]	1.040400e+04	4.120900e+04	0	0
##	[17804,]	1.416100e+04	5.476000e+03	0	0
##	[17805,]	0.000000e+00	0.000000e+00	0	0
##	[17806,]	0.000000e+00	0.000000e+00	0	0
##	[17807,]	0.000000e+00	4.000000e+00	0	0
##	[17808,]	0.000000e+00	0.000000e+00	0	0
##	[17809,]	0.000000e+00	0.000000e+00	0	0
##	[17810,]	4.179622e+07	1.607208e+07	0	0
##	[17811,]	1.309571e+09	4.765052e+08	0	0
##	[17812,]	3.047040e+05	1.024000e+03	0	0

##	[17813,]	0.000000e+00	0.000000e+00	0	0
##	[17814,]	0.000000e+00	0.000000e+00	0	0
##	[17815,]	8.761600e+06	2.340900e+04	0	0
##	[17816,]	9.991921e+06	5.580090e+05	0	0
##	[17817,]	0.000000e+00	0.000000e+00	0	0
##	[17818,]	0.000000e+00	0.000000e+00	0	0
##	[17819,]	2.468669e+08	1.025280e+07	0	0
##	[17820,]	0.000000e+00	0.000000e+00	0	0
##	[17821,]	1.456849e+06	3.398890e+05	0	0
##	[17822,]	0.000000e+00	0.000000e+00	0	0
##	[17823,]	4.643060e+07	1.136364e+07	0	0
##	[17824,]	0.000000e+00	0.000000e+00	0	0
##	[17825,]	0.000000e+00	0.000000e+00	0	0
##	[17826,]	3.530736e+07	4.279776e+07	0	0
##	[17827,]	9.273690e+05	1.329409e+06	0	0
##	[17828,]	0.000000e+00	0.000000e+00	0	0
##	[17829,]	1.428084e+07	4.494362e+07	0	0
##	[17830,]	0.000000e+00	0.000000e+00	0	0
##	[17831,]	2.323240e+05	1.364224e+06	0	0
##	[17832,]	1.000000e+04	1.062760e+05	0	0
##	[17833,]	0.000000e+00	0.000000e+00	0	0
##	[17834,]	9.623610e+05	3.448449e+06	0	0
##	[17835,]	0.000000e+00	0.000000e+00	0	0
##	[17836,]	0.000000e+00	0.000000e+00	0	0
##	[17837,]	1.156000e+03	0.000000e+00	0	0
##	[17838,]	0.000000e+00	0.000000e+00	0	0
##	[17839,]	1.437601e+06	0.000000e+00	0	0
##	[17840,]	0.000000e+00	0.000000e+00	0	0
##	[17841,]	0.000000e+00	0.000000e+00	0	0
##	[17842,]	0.000000e+00	0.000000e+00	0	0
##	[17843,]	0.000000e+00	0.000000e+00	0	0
##	[17844,]	3.782250e+05	2.070721e+06	0	0
##	[17845,]	0.000000e+00	0.000000e+00	0	0
##	[17846,]	0.000000e+00	0.000000e+00	0	0
##	[17847,]	4.972900e+04	6.604900e+04	0	0
##	[17848,]	0.000000e+00	1.000000e+00	0	0
##	[17849,]	0.000000e+00	0.000000e+00	0	0
##	[17850,]	0.000000e+00	0.000000e+00	0	0
##	[17851,]	1.690000e+02	2.209000e+03	0	0
##	[17852,]	3.161813e+07	3.595202e+07	0	0
##	[17853,]	0.000000e+00	0.000000e+00	0	0
##	[17854,]	7.581212e+08	1.098525e+09	0	0
##	[17855,]	0.000000e+00	0.000000e+00	0	0
##	[17856,]	0.000000e+00	0.000000e+00	0	0
##	[17857,]	1.823290e+05	2.401000e+03	0	0
##	[17858,]	0.000000e+00	0.000000e+00	0	0
##	[17859,]	4.173849e+06	1.324960e+05	0	0
##	[17860,]	0.000000e+00	0.000000e+00	0	0
##	[17861,]	6.640929e+06	1.567504e+06	0	0
##	[17862,]	0.000000e+00	0.000000e+00	0	0
##	[17863,]	1.265850e+08	2.710244e+07	0	0
##	[17864,]	0.000000e+00	0.000000e+00	0	0
##	[17865,]	1.081600e+06	1.040400e+06	0	0
##	[17866,]	2.578608e+07	2.916000e+07	0	0

##	[17867,]	0.000000e+00	0.000000e+00	0	0
##	[17868,]	0.000000e+00	0.000000e+00	0	0
##	[17869,]	9.409000e+05	3.052009e+06	0	0
##	[17870,]	2.346434e+07	9.954053e+07	0	0
##	[17871,]	0.000000e+00	0.000000e+00	0	0
##	[17872,]	0.000000e+00	0.000000e+00	0	0
##	[17873,]	2.381440e+05	2.175625e+06	0	0
##	[17874,]	0.000000e+00	0.000000e+00	0	0
##	[17875,]	1.137713e+07	8.839760e+07	0	0
##	[17876,]	0.000000e+00	0.000000e+00	0	0
##	[17877,]	8.930250e+05	7.812025e+06	0	0
##	[17878,]	0.000000e+00	0.000000e+00	0	0
##	[17879,]	1.464100e+04	2.052090e+05	0	0
##	[17880,]	2.601000e+03	0.000000e+00	0	0
##	[17881,]	1.102500e+06	0.000000e+00	0	0
##	[17882,]	0.000000e+00	0.000000e+00	0	0
##	[17883,]	0.000000e+00	0.000000e+00	0	0
##	[17884,]	0.000000e+00	0.000000e+00	0	0
##	[17885,]	0.000000e+00	0.000000e+00	0	0
##	[17886,]	0.000000e+00	0.000000e+00	0	0
##	[17887,]	0.000000e+00	0.000000e+00	0	0
##	[17888,]	0.000000e+00	0.000000e+00	0	0
##	[17889,]	9.409000e+03	1.225000e+05	0	0
##	[17890,]	0.000000e+00	0.000000e+00	0	0
##	[17891,]	1.823290e+05	3.407716e+06	0	0
##	[17892,]	0.000000e+00	0.000000e+00	0	0
##	[17893,]	0.000000e+00	1.296000e+03	0	0
##	[17894,]	0.000000e+00	0.000000e+00	0	0
##	[17895,]	4.410000e+02	1.795600e+04	0	0
##	[17896,]	0.000000e+00	0.000000e+00	0	0
##	[17897,]	4.869084e+08	1.361758e+09	0	0
##	[17898,]	1.711477e+07	4.056416e+07	0	0
##	[17899,]	0.000000e+00	0.000000e+00	0	0
##	[17900,]	6.553600e+04	1.681000e+03	0	0
##	[17901,]	0.000000e+00	0.000000e+00	0	0
##	[17902,]	2.742336e+06	1.260250e+05	0	0
##	[17903,]	0.000000e+00	0.000000e+00	0	0
##	[17904,]	3.455881e+06	1.752976e+06	0	0
##	[17905,]	0.000000e+00	0.000000e+00	0	0
##	[17906,]	8.277360e+07	2.884764e+07	0	0
##	[17907,]	0.000000e+00	0.000000e+00	0	0
##	[17908,]	5.580090e+05	9.980010e+05	0	0
##	[17909,]	0.000000e+00	0.000000e+00	0	0
##	[17910,]	1.445520e+07	3.151700e+07	0	0
##	[17911,]	0.000000e+00	0.000000e+00	0	0
##	[17912,]	4.774810e+05	3.080025e+06	0	0
##	[17913,]	0.000000e+00	0.000000e+00	0	0
##	[17914,]	0.000000e+00	0.000000e+00	0	0
##	[17915,]	1.546062e+07	1.218816e+08	0	0
##	[17916,]	7.551504e+06	1.265400e+08	0	0
##	[17917,]	2.007040e+05	3.003289e+06	0	0
##	[17918,]	0.000000e+00	0.000000e+00	0	0
##	[17919,]	0.000000e+00	0.000000e+00	0	0
##	[17920,]	6.889000e+05	1.071253e+07	0	0

##	[17921,]	1.849600e+04	2.672890e+05	0	0
##	[17922,]	0.000000e+00	0.000000e+00	0	0
##	[17923,]	0.000000e+00	0.000000e+00	0	0
##	[17924,]	0.000000e+00	0.000000e+00	0	0
##	[17925,]	0.000000e+00	0.000000e+00	0	0
##	[17926,]	9.610000e+02	0.000000e+00	0	0
##	[17927,]	7.140250e+05	0.000000e+00	0	0
##	[17928,]	0.000000e+00	0.000000e+00	0	0
##	[17929,]	0.000000e+00	0.000000e+00	0	0
##	[17930,]	0.000000e+00	0.000000e+00	0	0
##	[17931,]	0.000000e+00	0.000000e+00	0	0
##	[17932,]	4.489000e+03	7.398400e+04	0	0
##	[17933,]	1.142440e+05	1.954404e+06	0	0
##	[17934,]	0.000000e+00	0.000000e+00	0	0
##	[17935,]	0.000000e+00	0.000000e+00	0	0
##	[17936,]	0.000000e+00	0.000000e+00	0	0
##	[17937,]	0.000000e+00	1.000000e+00	0	0
##	[17938,]	5.290000e+02	1.416100e+04	0	0
##	[17939,]	0.000000e+00	0.000000e+00	0	0
##	[17940,]	0.000000e+00	0.000000e+00	0	0
##	[17941,]	0.000000e+00	0.000000e+00	0	0
##	[17942,]	3.785748e+08	1.673710e+09	0	0
##	[17943,]	1.200622e+07	5.298384e+07	0	0
##	[17944,]	2.241009e+06	2.180890e+05	0	0
##	[17945,]	0.000000e+00	0.000000e+00	0	0
##	[17946,]	0.000000e+00	0.000000e+00	0	0
##	[17947,]	4.622500e+04	6.561000e+03	0	0
##	[17948,]	2.353156e+06	2.436721e+06	0	0
##	[17949,]	6.020208e+07	4.479625e+07	0	0
##	[17950,]	0.000000e+00	0.000000e+00	0	0
##	[17951,]	0.000000e+00	0.000000e+00	0	0
##	[17952,]	1.071908e+07	4.038602e+07	0	0
##	[17953,]	4.057690e+05	1.669264e+06	0	0
##	[17954,]	0.000000e+00	0.000000e+00	0	0
##	[17955,]	0.000000e+00	0.000000e+00	0	0
##	[17956,]	1.197160e+07	1.397597e+08	0	0
##	[17957,]	0.000000e+00	0.000000e+00	0	0
##	[17958,]	0.000000e+00	0.000000e+00	0	0
##	[17959,]	3.329290e+05	4.048144e+06	0	0
##	[17960,]	7.187761e+06	1.431373e+08	0	0
##	[17961,]	1.406250e+05	3.254416e+06	0	0
##	[17962,]	0.000000e+00	0.000000e+00	0	0
##	[17963,]	0.000000e+00	0.000000e+00	0	0
##	[17964,]	6.177960e+05	1.303210e+07	0	0
##	[17965,]	0.000000e+00	0.000000e+00	0	0
##	[17966,]	1.612900e+04	2.798410e+05	0	0
##	[17967,]	0.000000e+00	0.000000e+00	0	0
##	[17968,]	7.327360e+05	0.000000e+00	0	0
##	[17969,]	0.000000e+00	0.000000e+00	0	0
##	[17970,]	5.760000e+02	0.000000e+00	0	0
##	[17971,]	0.000000e+00	0.000000e+00	0	0
##	[17972,]	0.000000e+00	0.000000e+00	0	0
##	[17973,]	0.000000e+00	0.000000e+00	0	0
##	[17974,]	0.000000e+00	0.000000e+00	0	0

##	[17975,]	0.000000e+00	0.000000e+00	0	0
##	[17976,]	5.062500e+04	1.951609e+06	0	0
##	[17977,]	0.000000e+00	0.000000e+00	0	0
##	[17978,]	1.521000e+03	9.610000e+04	0	0
##	[17979,]	0.000000e+00	0.000000e+00	0	0
##	[17980,]	5.760000e+02	1.822500e+04	0	0
##	[17981,]	0.000000e+00	0.000000e+00	0	0
##	[17982,]	0.000000e+00	9.000000e+00	0	0
##	[17983,]	0.000000e+00	0.000000e+00	0	0
##	[17984,]	1.830880e+08	8.175596e+08	0	0
##	[17985,]	0.000000e+00	0.000000e+00	0	0
##	[17986,]	3.648100e+06	2.601000e+07	0	0
##	[17987,]	0.000000e+00	0.000000e+00	0	0
##	[17988,]	1.716100e+04	9.409000e+03	0	0
##	[17989,]	1.183744e+06	3.552160e+05	0	0
##	[17990,]	0.000000e+00	0.000000e+00	0	0
##	[17991,]	0.000000e+00	0.000000e+00	0	0
##	[17992,]	7.106490e+05	1.962801e+06	0	0
##	[17993,]	2.817486e+07	3.496357e+07	0	0
##	[17994,]	0.000000e+00	0.000000e+00	0	0
##	[17995,]	0.000000e+00	0.000000e+00	0	0
##	[17996,]	1.253160e+05	8.445610e+05	0	0
##	[17997,]	0.000000e+00	0.000000e+00	0	0
##	[17998,]	0.000000e+00	0.000000e+00	0	0
##	[17999,]	5.285401e+06	2.496002e+07	0	0
##	[18000,]	1.043290e+05	1.550025e+06	0	0
##	[18001,]	5.707321e+06	5.973744e+07	0	0
##	[18002,]	0.000000e+00	0.000000e+00	0	0
##	[18003,]	0.000000e+00	0.000000e+00	0	0
##	[18004,]	0.000000e+00	0.000000e+00	0	0
##	[18005,]	4.284900e+04	1.192464e+06	0	0
##	[18006,]	0.000000e+00	0.000000e+00	0	0
##	[18007,]	3.556996e+06	5.224398e+07	0	0
##	[18008,]	0.000000e+00	0.000000e+00	0	0
##	[18009,]	3.147210e+05	4.541161e+06	0	0
##	[18010,]	0.000000e+00	0.000000e+00	0	0
##	[18011,]	2.704000e+03	1.197160e+05	0	0
##	[18012,]	5.806440e+05	0.000000e+00	0	0
##	[18013,]	0.000000e+00	0.000000e+00	0	0
##	[18014,]	0.000000e+00	0.000000e+00	0	0
##	[18015,]	1.690000e+02	0.000000e+00	0	0
##	[18016,]	0.000000e+00	0.000000e+00	0	0
##	[18017,]	0.000000e+00	0.000000e+00	0	0
##	[18018,]	0.000000e+00	0.000000e+00	0	0
##	[18019,]	0.000000e+00	0.000000e+00	0	0
##	[18020,]	1.562500e+04	1.129969e+06	0	0
##	[18021,]	0.000000e+00	0.000000e+00	0	0
##	[18022,]	5.760000e+02	5.017600e+04	0	0
##	[18023,]	0.000000e+00	0.000000e+00	0	0
##	[18024,]	1.600000e+01	2.250000e+02	0	0
##	[18025,]	0.000000e+00	0.000000e+00	0	0
##	[18026,]	4.000000e+00	0.000000e+00	0	0
##	[18027,]	0.000000e+00	0.000000e+00	0	0
##	[18028,]	0.000000e+00	0.000000e+00	0	0

##	[18029,]	1.982464e+06	1.448564e+07	0	0
##	[18030,]	0.000000e+00	3.600000e+01	0	0
##	[18031,]	8.337516e+07	3.717184e+08	0	0
##	[18032,]	5.625000e+03	5.476000e+03	0	0
##	[18033,]	0.000000e+00	1.000000e+00	0	0
##	[18034,]	0.000000e+00	0.000000e+00	0	0
##	[18035,]	4.872040e+05	2.116000e+05	0	0
##	[18036,]	3.819240e+05	8.500840e+05	0	0
##	[18037,]	1.313338e+07	1.680180e+07	0	0
##	[18038,]	0.000000e+00	0.000000e+00	0	0
##	[18039,]	0.000000e+00	1.600000e+01	0	0
##	[18040,]	5.616900e+04	6.352090e+05	0	0
##	[18041,]	0.000000e+00	0.000000e+00	0	0
##	[18042,]	2.528100e+06	1.248916e+07	0	0
##	[18043,]	0.000000e+00	0.000000e+00	0	0
##	[18044,]	0.000000e+00	0.000000e+00	0	0
##	[18045,]	5.522500e+04	9.564840e+05	0	0
##	[18046,]	2.268036e+06	2.430490e+07	0	0
##	[18047,]	0.000000e+00	1.000000e+00	0	0
##	[18048,]	0.000000e+00	0.000000e+00	0	0
##	[18049,]	3.204100e+04	6.146560e+05	0	0
##	[18050,]	1.651225e+06	2.240129e+07	0	0
##	[18051,]	0.000000e+00	0.000000e+00	0	0
##	[18052,]	0.000000e+00	0.000000e+00	0	0
##	[18053,]	4.096000e+03	6.300100e+04	0	0
##	[18054,]	1.831840e+05	2.322576e+06	0	0
##	[18055,]	0.000000e+00	0.000000e+00	0	0
##	[18056,]	0.000000e+00	0.000000e+00	0	0
##	[18057,]	0.000000e+00	0.000000e+00	0	0
##	[18058,]	4.502410e+05	0.000000e+00	0	0
##	[18059,]	2.250000e+02	0.000000e+00	0	0
##	[18060,]	0.000000e+00	0.000000e+00	0	0
##	[18061,]	0.000000e+00	0.000000e+00	0	0
##	[18062,]	0.000000e+00	0.000000e+00	0	0
##	[18063,]	0.000000e+00	0.000000e+00	0	0
##	[18064,]	0.000000e+00	0.000000e+00	0	0
##	[18065,]	1.156000e+03	1.742400e+04	0	0
##	[18066,]	7.569000e+03	4.542760e+05	0	0
##	[18067,]	0.000000e+00	0.000000e+00	0	0
##	[18068,]	0.000000e+00	0.000000e+00	0	0
##	[18069,]	0.000000e+00	0.000000e+00	0	0
##	[18070,]	6.400000e+01	1.690000e+02	0	0
##	[18071,]	0.000000e+00	0.000000e+00	0	0
##	[18072,]	0.000000e+00	8.410000e+04	0	0
##	[18073,]	0.000000e+00	0.000000e+00	0	0
##	[18074,]	1.935159e+08	8.583837e+09	0	0
##	[18075,]	4.972900e+06	3.048865e+08	0	0
##	[18076,]	0.000000e+00	1.000000e+02	0	0
##	[18077,]	0.000000e+00	0.000000e+00	0	0
##	[18078,]	1.225449e+06	2.829124e+06	0	0
##	[18079,]	1.904400e+04	6.400900e+04	0	0
##	[18080,]	2.971340e+07	3.354392e+08	0	0
##	[18081,]	0.000000e+00	8.649000e+03	0	0
##	[18082,]	0.000000e+00	0.000000e+00	0	0

##	[18083,]	9.940090e+05	1.772410e+07	0	0
##	[18084,]	1.156000e+05	9.834496e+06	0	0
##	[18085,]	4.734976e+06	2.416781e+08	0	0
##	[18086,]	0.000000e+00	4.624000e+03	0	0
##	[18087,]	0.000000e+00	0.000000e+00	0	0
##	[18088,]	6.175225e+06	6.343850e+08	0	0
##	[18089,]	0.000000e+00	3.136000e+03	0	0
##	[18090,]	0.000000e+00	0.000000e+00	0	0
##	[18091,]	1.310440e+05	2.105892e+07	0	0
##	[18092,]	3.960100e+06	6.000540e+08	0	0
##	[18093,]	0.000000e+00	2.304000e+03	0	0
##	[18094,]	8.526400e+04	1.663008e+07	0	0
##	[18095,]	0.000000e+00	0.000000e+00	0	0
##	[18096,]	0.000000e+00	0.000000e+00	0	0
##	[18097,]	4.928040e+05	5.510093e+07	0	0
##	[18098,]	1.020100e+04	1.428025e+06	0	0
##	[18099,]	0.000000e+00	2.250000e+02	0	0
##	[18100,]	0.000000e+00	0.000000e+00	0	0
##	[18101,]	9.610000e+02	0.000000e+00	0	0
##	[18102,]	0.000000e+00	0.000000e+00	0	0
##	[18103,]	7.885440e+05	2.500000e+01	0	0
##	[18104,]	0.000000e+00	0.000000e+00	0	0
##	[18105,]	0.000000e+00	0.000000e+00	0	0
##	[18106,]	0.000000e+00	0.000000e+00	0	0
##	[18107,]	0.000000e+00	0.000000e+00	0	0
##	[18108,]	1.849600e+04	9.357481e+06	0	0
##	[18109,]	6.760000e+02	5.505640e+05	0	0
##	[18110,]	0.000000e+00	0.000000e+00	0	0
##	[18111,]	0.000000e+00	3.600000e+01	0	0
##	[18112,]	7.840000e+02	9.025000e+03	0	0
##	[18113,]	0.000000e+00	0.000000e+00	0	0
##	[18114,]	1.600000e+01	1.210000e+02	0	0
##	[18115,]	0.000000e+00	0.000000e+00	0	0
##	[18116,]	9.000000e+00	0.000000e+00	0	0
##	[18117,]	0.000000e+00	3.118756e+06	0	0
##	[18118,]	2.839225e+06	2.986675e+08	0	0
##	[18119,]	8.819088e+07	9.019301e+09	0	0
##	[18120,]	1.166400e+04	5.290000e+04	0	0
##	[18121,]	0.000000e+00	0.000000e+00	0	0
##	[18122,]	0.000000e+00	3.136000e+03	0	0
##	[18123,]	5.490810e+05	1.946025e+06	0	0
##	[18124,]	1.399508e+07	3.527635e+08	0	0
##	[18125,]	0.000000e+00	0.000000e+00	0	0
##	[18126,]	5.852250e+05	1.799456e+07	0	0
##	[18127,]	0.000000e+00	2.683240e+05	0	0
##	[18128,]	2.502724e+06	2.599834e+08	0	0
##	[18129,]	6.760000e+04	9.622404e+06	0	0
##	[18130,]	0.000000e+00	1.260250e+05	0	0
##	[18131,]	0.000000e+00	0.000000e+00	0	0
##	[18132,]	2.461761e+06	6.649178e+08	0	0
##	[18133,]	8.468100e+04	2.048468e+07	0	0
##	[18134,]	0.000000e+00	1.738890e+05	0	0
##	[18135,]	0.000000e+00	0.000000e+00	0	0
##	[18136,]	1.666681e+06	6.380171e+08	0	0

##	[18137,]	0.000000e+00	1.142440e+05	0	0
##	[18138,]	4.040100e+04	1.568952e+07	0	0
##	[18139,]	4.000000e+00	0.000000e+00	0	0
##	[18140,]	2.180890e+05	5.812538e+07	0	0
##	[18141,]	1.000000e+00	0.000000e+00	0	0
##	[18142,]	0.000000e+00	6.724000e+03	0	0
##	[18143,]	3.600000e+03	1.490841e+06	0	0
##	[18144,]	0.000000e+00	0.000000e+00	0	0
##	[18145,]	0.000000e+00	0.000000e+00	0	0
##	[18146,]	3.610000e+02	0.000000e+00	0	0
##	[18147,]	4.489000e+05	8.100000e+01	0	0
##	[18148,]	0.000000e+00	0.000000e+00	0	0
##	[18149,]	0.000000e+00	0.000000e+00	0	0
##	[18150,]	0.000000e+00	0.000000e+00	0	0
##	[18151,]	0.000000e+00	0.000000e+00	0	0
##	[18152,]	1.060900e+04	6.086089e+06	0	0
##	[18153,]	2.890000e+02	4.624000e+05	0	0
##	[18154,]	0.000000e+00	1.444000e+03	0	0
##	[18155,]	0.000000e+00	0.000000e+00	0	0
##	[18156,]	0.000000e+00	0.000000e+00	0	0
##	[18157,]	0.000000e+00	1.600000e+01	0	0
##	[18158,]	0.000000e+00	3.600000e+01	0	0
##	[18159,]	9.000000e+00	1.568160e+05	0	0
##	[18160,]	2.682204e+07	3.060192e+09	0	0
##	[18161,]	0.000000e+00	2.442969e+06	0	0
##	[18162,]	8.390560e+05	9.147010e+07	0	0
##	[18163,]	1.000000e+02	0.000000e+00	0	0
##	[18164,]	1.536640e+05	8.172160e+05	0	0
##	[18165,]	0.000000e+00	3.136000e+03	0	0
##	[18166,]	3.025000e+03	2.624400e+04	0	0
##	[18167,]	0.000000e+00	0.000000e+00	0	0
##	[18168,]	1.459240e+05	6.461764e+06	0	0
##	[18169,]	3.956121e+06	1.393108e+08	0	0
##	[18170,]	0.000000e+00	2.265760e+05	0	0
##	[18171,]	0.000000e+00	0.000000e+00	0	0
##	[18172,]	0.000000e+00	8.526400e+04	0	0
##	[18173,]	7.621290e+05	8.467680e+07	0	0
##	[18174,]	0.000000e+00	0.000000e+00	0	0
##	[18175,]	2.496400e+04	2.722500e+06	0	0
##	[18176,]	7.516890e+05	2.127806e+08	0	0
##	[18177,]	2.788900e+04	5.702544e+06	0	0
##	[18178,]	2.500000e+01	0.000000e+00	0	0
##	[18179,]	0.000000e+00	1.584040e+05	0	0
##	[18180,]	0.000000e+00	6.708100e+04	0	0
##	[18181,]	5.640010e+05	2.030055e+08	0	0
##	[18182,]	1.600000e+01	0.000000e+00	0	0
##	[18183,]	1.537600e+04	4.502884e+06	0	0
##	[18184,]	9.000000e+02	4.900000e+05	0	0
##	[18185,]	0.000000e+00	6.724000e+03	0	0
##	[18186,]	9.424900e+04	2.093062e+07	0	0
##	[18187,]	1.000000e+00	0.000000e+00	0	0
##	[18188,]	0.000000e+00	0.000000e+00	0	0
##	[18189,]	3.906250e+05	1.600000e+01	0	0
##	[18190,]	1.210000e+02	0.000000e+00	0	0

##	[18191,]	0.000000e+00	0.000000e+00	0	0
##	[18192,]	0.000000e+00	0.000000e+00	0	0
##	[18193,]	0.000000e+00	0.000000e+00	0	0
##	[18194,]	0.000000e+00	0.000000e+00	0	0
##	[18195,]	0.000000e+00	0.000000e+00	0	0
##	[18196,]	0.000000e+00	1.089000e+03	0	0
##	[18197,]	1.444000e+03	1.449616e+06	0	0
##	[18198,]	1.000000e+02	9.985600e+04	0	0
##	[18199,]	0.000000e+00	0.000000e+00	0	0
##	[18200,]	0.000000e+00	0.000000e+00	0	0
##	[18201,]	0.000000e+00	0.000000e+00	0	0
##	[18202,]	8.100000e+01	1.036840e+05	0	0
##	[18203,]	0.000000e+00	1.000000e+02	0	0
##	[18204,]	2.500000e+01	0.000000e+00	0	0
##	[18205,]	1.199244e+08	1.019333e+09	0	0
##	[18206,]	2.683240e+05	2.332890e+07	0	0
##	[18207,]	0.000000e+00	1.036324e+06	0	0
##	[18208,]	9.000000e+02	1.904400e+04	0	0
##	[18209,]	0.000000e+00	2.401000e+03	0	0
##	[18210,]	4.356000e+05	8.854810e+05	0	0
##	[18211,]	0.000000e+00	0.000000e+00	0	0
##	[18212,]	4.040100e+04	2.686321e+06	0	0
##	[18213,]	9.960336e+06	7.245414e+07	0	0
##	[18214,]	0.000000e+00	1.482250e+05	0	0
##	[18215,]	9.000000e+00	0.000000e+00	0	0
##	[18216,]	1.000000e+00	0.000000e+00	0	0
##	[18217,]	0.000000e+00	3.422500e+04	0	0
##	[18218,]	9.409000e+03	8.611840e+05	0	0
##	[18219,]	2.505889e+06	3.139361e+07	0	0
##	[18220,]	6.889000e+03	1.119364e+06	0	0
##	[18221,]	0.000000e+00	0.000000e+00	0	0
##	[18222,]	0.000000e+00	4.752400e+04	0	0
##	[18223,]	4.884100e+06	5.679130e+07	0	0
##	[18224,]	5.755201e+06	4.928040e+07	0	0
##	[18225,]	4.624000e+03	6.691240e+05	0	0
##	[18226,]	0.000000e+00	2.190400e+04	0	0
##	[18227,]	1.000000e+00	0.000000e+00	0	0
##	[18228,]	1.521000e+03	6.200100e+04	0	0
##	[18229,]	8.892490e+05	5.359225e+06	0	0
##	[18230,]	0.000000e+00	0.000000e+00	0	0
##	[18231,]	0.000000e+00	1.089000e+03	0	0
##	[18232,]	3.600000e+01	0.000000e+00	0	0
##	[18233,]	1.002001e+06	2.500000e+01	0	0
##	[18234,]	0.000000e+00	0.000000e+00	0	0
##	[18235,]	0.000000e+00	0.000000e+00	0	0
##	[18236,]	0.000000e+00	0.000000e+00	0	0
##	[18237,]	0.000000e+00	0.000000e+00	0	0
##	[18238,]	0.000000e+00	0.000000e+00	0	0
##	[18239,]	0.000000e+00	0.000000e+00	0	0
##	[18240,]	5.476000e+03	7.779240e+05	0	0
##	[18241,]	9.000000e+00	3.960100e+04	0	0
##	[18242,]	0.000000e+00	0.000000e+00	0	0
##	[18243,]	0.000000e+00	2.890000e+02	0	0
##	[18244,]	1.960000e+02	6.400900e+04	0	0

##	[18245,]	0.000000e+00	0.000000e+00	0	0
##	[18246,]	0.000000e+00	0.000000e+00	0	0
##	[18247,]	0.000000e+00	0.000000e+00	0	0
##	[18248,]	1.600000e+01	0.000000e+00	0	0
##	[18249,]	9.044010e+05	1.383840e+07	0	0
##	[18250,]	0.000000e+00	1.136356e+06	0	0
##	[18251,]	1.593654e+08	4.590735e+08	0	0
##	[18252,]	0.000000e+00	3.969000e+03	0	0
##	[18253,]	2.116000e+03	2.371600e+04	0	0
##	[18254,]	0.000000e+00	0.000000e+00	0	0
##	[18255,]	4.858090e+05	6.464160e+05	0	0
##	[18256,]	0.000000e+00	2.284840e+05	0	0
##	[18257,]	0.000000e+00	0.000000e+00	0	0
##	[18258,]	1.011240e+05	1.863225e+06	0	0
##	[18259,]	1.256702e+07	4.400996e+07	0	0
##	[18260,]	3.122289e+06	1.531157e+07	0	0
##	[18261,]	1.000000e+00	0.000000e+00	0	0
##	[18262,]	0.000000e+00	4.752400e+04	0	0
##	[18263,]	2.250000e+04	5.329000e+05	0	0
##	[18264,]	1.000000e+00	0.000000e+00	0	0
##	[18265,]	7.322436e+06	2.129822e+07	0	0
##	[18266,]	3.385600e+04	4.900000e+05	0	0
##	[18267,]	0.000000e+00	3.204100e+04	0	0
##	[18268,]	0.000000e+00	9.216000e+03	0	0
##	[18269,]	8.334769e+06	1.683461e+07	0	0
##	[18270,]	3.168400e+04	3.600000e+05	0	0
##	[18271,]	4.000000e+00	0.000000e+00	0	0
##	[18272,]	0.000000e+00	0.000000e+00	0	0
##	[18273,]	0.000000e+00	1.024000e+03	0	0
##	[18274,]	5.625000e+03	2.924100e+04	0	0
##	[18275,]	1.044484e+06	1.841449e+06	0	0
##	[18276,]	0.000000e+00	0.000000e+00	0	0
##	[18277,]	1.048576e+06	9.000000e+00	0	0
##	[18278,]	1.000000e+02	0.000000e+00	0	0
##	[18279,]	0.000000e+00	0.000000e+00	0	0
##	[18280,]	0.000000e+00	0.000000e+00	0	0
##	[18281,]	0.000000e+00	0.000000e+00	0	0
##	[18282,]	0.000000e+00	0.000000e+00	0	0
##	[18283,]	0.000000e+00	0.000000e+00	0	0
##	[18284,]	1.210000e+02	1.464100e+04	0	0
##	[18285,]	0.000000e+00	0.000000e+00	0	0
##	[18286,]	0.000000e+00	1.369000e+03	0	0
##	[18287,]	1.144900e+04	3.516490e+05	0	0
##	[18288,]	0.000000e+00	1.000000e+02	0	0
##	[18289,]	0.000000e+00	0.000000e+00	0	0
##	[18290,]	0.000000e+00	0.000000e+00	0	0
##	[18291,]	1.960000e+02	5.290000e+02	0	0
##	[18292,]	1.550025e+06	7.177041e+06	0	0
##	[18293,]	0.000000e+00	0.000000e+00	0	0
##	[18294,]	0.000000e+00	5.898240e+05	0	0
##	[18295,]	9.653062e+07	3.274290e+08	0	0
##	[18296,]	4.096000e+05	6.006250e+05	0	0
##	[18297,]	0.000000e+00	0.000000e+00	0	0
##	[18298,]	2.809000e+03	8.464000e+03	0	0

##	[18299,]	0.000000e+00	1.521000e+03	0	0
##	[18300,]	0.000000e+00	1.149210e+05	0	0
##	[18301,]	0.000000e+00	0.000000e+00	0	0
##	[18302,]	8.020224e+06	3.320064e+07	0	0
##	[18303,]	1.780840e+05	9.235210e+05	0	0
##	[18304,]	0.000000e+00	0.000000e+00	0	0
##	[18305,]	3.385600e+04	2.611210e+05	0	0
##	[18306,]	1.948816e+06	1.119572e+07	0	0
##	[18307,]	0.000000e+00	2.250000e+04	0	0
##	[18308,]	3.940225e+06	1.401005e+07	0	0
##	[18309,]	0.000000e+00	1.512900e+04	0	0
##	[18310,]	6.002500e+04	3.058090e+05	0	0
##	[18311,]	0.000000e+00	0.000000e+00	0	0
##	[18312,]	4.566769e+06	1.122250e+07	0	0
##	[18313,]	6.502500e+04	1.755610e+05	0	0
##	[18314,]	0.000000e+00	8.281000e+03	0	0
##	[18315,]	0.000000e+00	0.000000e+00	0	0
##	[18316,]	6.972250e+05	1.252161e+06	0	0
##	[18317,]	0.000000e+00	0.000000e+00	0	0
##	[18318,]	7.396000e+03	2.044900e+04	0	0
##	[18319,]	0.000000e+00	6.760000e+02	0	0
##	[18320,]	3.610000e+02	0.000000e+00	0	0
##	[18321,]	0.000000e+00	0.000000e+00	0	0
##	[18322,]	6.037290e+05	6.400000e+01	0	0
##	[18323,]	0.000000e+00	0.000000e+00	0	0
##	[18324,]	0.000000e+00	0.000000e+00	0	0
##	[18325,]	0.000000e+00	0.000000e+00	0	0
##	[18326,]	0.000000e+00	0.000000e+00	0	0
##	[18327,]	0.000000e+00	0.000000e+00	0	0
##	[18328,]	7.225000e+03	2.480040e+05	0	0
##	[18329,]	0.000000e+00	0.000000e+00	0	0
##	[18330,]	0.000000e+00	4.840000e+02	0	0
##	[18331,]	6.400000e+01	1.254400e+04	0	0
##	[18332,]	5.290000e+02	1.521000e+03	0	0
##	[18333,]	0.000000e+00	0.000000e+00	0	0
##	[18334,]	0.000000e+00	9.000000e+00	0	0
##	[18335,]	0.000000e+00	0.000000e+00	0	0
##	[18336,]	3.313154e+07	1.968409e+08	0	0
##	[18337,]	0.000000e+00	0.000000e+00	0	0
##	[18338,]	9.564840e+05	4.888521e+06	0	0
##	[18339,]	0.000000e+00	7.140250e+05	0	0
##	[18340,]	2.162250e+05	4.435560e+05	0	0
##	[18341,]	0.000000e+00	0.000000e+00	0	0
##	[18342,]	0.000000e+00	2.809000e+03	0	0
##	[18343,]	2.601000e+03	1.020100e+04	0	0
##	[18344,]	3.308761e+06	2.377538e+07	0	0
##	[18345,]	0.000000e+00	1.632160e+05	0	0
##	[18346,]	1.043290e+05	6.642250e+05	0	0
##	[18347,]	0.000000e+00	0.000000e+00	0	0
##	[18348,]	7.276090e+05	5.832225e+06	0	0
##	[18349,]	0.000000e+00	2.924100e+04	0	0
##	[18350,]	2.160900e+04	2.218410e+05	0	0
##	[18351,]	0.000000e+00	0.000000e+00	0	0
##	[18352,]	3.841600e+04	1.436410e+05	0	0

##	[18353,]	1.243225e+06	7.907344e+06	0	0
##	[18354,]	0.000000e+00	0.000000e+00	0	0
##	[18355,]	0.000000e+00	1.000000e+04	0	0
##	[18356,]	1.243225e+06	5.798464e+06	0	0
##	[18357,]	0.000000e+00	9.604000e+03	0	0
##	[18358,]	3.648100e+04	1.043290e+05	0	0
##	[18359,]	0.000000e+00	0.000000e+00	0	0
##	[18360,]	1.513210e+05	7.276090e+05	0	0
##	[18361,]	0.000000e+00	3.610000e+02	0	0
##	[18362,]	4.900000e+03	1.488400e+04	0	0
##	[18363,]	0.000000e+00	0.000000e+00	0	0
##	[18364,]	2.430490e+05	3.600000e+01	0	0
##	[18365,]	0.000000e+00	0.000000e+00	0	0
##	[18366,]	1.440000e+02	0.000000e+00	0	0
##	[18367,]	0.000000e+00	0.000000e+00	0	0
##	[18368,]	0.000000e+00	0.000000e+00	0	0
##	[18369,]	0.000000e+00	0.000000e+00	0	0
##	[18370,]	0.000000e+00	0.000000e+00	0	0
##	[18371,]	0.000000e+00	0.000000e+00	0	0
##	[18372,]	1.440000e+02	1.060900e+04	0	0
##	[18373,]	2.809000e+03	1.428840e+05	0	0
##	[18374,]	0.000000e+00	0.000000e+00	0	0
##	[18375,]	0.000000e+00	8.410000e+02	0	0
##	[18376,]	5.760000e+02	1.681000e+03	0	0
##	[18377,]	0.000000e+00	0.000000e+00	0	0
##	[18378,]	0.000000e+00	1.000000e+00	0	0
##	[18379,]	0.000000e+00	4.000000e+00	0	0
##	[18380,]	0.000000e+00	4.886010e+05	0	0
##	[18381,]	2.237290e+05	2.699449e+06	0	0
##	[18382,]	1.855025e+07	1.544303e+08	0	0
##	[18383,]	1.690000e+02	0.000000e+00	0	0
##	[18384,]	1.474560e+05	3.806890e+05	0	0
##	[18385,]	0.000000e+00	0.000000e+00	0	0
##	[18386,]	1.936000e+03	7.569000e+03	0	0
##	[18387,]	0.000000e+00	1.936000e+03	0	0
##	[18388,]	1.000000e+00	0.000000e+00	0	0
##	[18389,]	0.000000e+00	1.303210e+05	0	0
##	[18390,]	2.122849e+06	1.836122e+07	0	0
##	[18391,]	2.788900e+04	4.719690e+05	0	0
##	[18392,]	3.192250e+05	5.125696e+06	0	0
##	[18393,]	4.225000e+03	9.424900e+04	0	0
##	[18394,]	0.000000e+00	0.000000e+00	0	0
##	[18395,]	0.000000e+00	1.742400e+04	0	0
##	[18396,]	2.500000e+01	0.000000e+00	0	0
##	[18397,]	0.000000e+00	9.409000e+03	0	0
##	[18398,]	6.304360e+05	6.076225e+06	0	0
##	[18399,]	9.604000e+03	8.880400e+04	0	0
##	[18400,]	0.000000e+00	2.025000e+03	0	0
##	[18401,]	9.000000e+00	0.000000e+00	0	0
##	[18402,]	6.448090e+05	4.326400e+06	0	0
##	[18403,]	5.184000e+03	4.120900e+04	0	0
##	[18404,]	0.000000e+00	4.000000e+02	0	0
##	[18405,]	1.600000e+01	0.000000e+00	0	0
##	[18406,]	9.241600e+04	5.126560e+05	0	0

##	[18407,]	7.290000e+02	3.721000e+03	0	0
##	[18408,]	0.000000e+00	0.000000e+00	0	0
##	[18409,]	1.857610e+05	4.900000e+01	0	0
##	[18410,]	1.210000e+02	4.000000e+00	0	0
##	[18411,]	0.000000e+00	0.000000e+00	0	0
##	[18412,]	0.000000e+00	0.000000e+00	0	0
##	[18413,]	0.000000e+00	0.000000e+00	0	0
##	[18414,]	0.000000e+00	0.000000e+00	0	0
##	[18415,]	0.000000e+00	0.000000e+00	0	0
##	[18416,]	1.000000e+00	2.500000e+03	0	0
##	[18417,]	0.000000e+00	0.000000e+00	0	0
##	[18418,]	0.000000e+00	2.560000e+02	0	0
##	[18419,]	2.025000e+03	1.095610e+05	0	0
##	[18420,]	8.100000e+01	2.116000e+03	0	0
##	[18421,]	0.000000e+00	0.000000e+00	0	0
##	[18422,]	0.000000e+00	0.000000e+00	0	0
##	[18423,]	0.000000e+00	1.000000e+00	0	0
##	[18424,]	6.859161e+06	4.423580e+07	0	0
##	[18425,]	0.000000e+00	2.601000e+05	0	0
##	[18426,]	0.000000e+00	0.000000e+00	0	0
##	[18427,]	9.985600e+04	7.761610e+05	0	0
##	[18428,]	1.960000e+02	3.025000e+03	0	0
##	[18429,]	8.352100e+04	1.883560e+05	0	0
##	[18430,]	0.000000e+00	1.089000e+03	0	0
##	[18431,]	0.000000e+00	0.000000e+00	0	0
##	[18432,]	0.000000e+00	0.000000e+00	0	0
##	[18433,]	1.488400e+04	1.528810e+05	0	0
##	[18434,]	0.000000e+00	8.410000e+04	0	0
##	[18435,]	7.569000e+05	7.507600e+06	0	0
##	[18436,]	1.406250e+05	1.580049e+06	0	0
##	[18437,]	0.000000e+00	0.000000e+00	0	0
##	[18438,]	2.116000e+03	2.788900e+04	0	0
##	[18439,]	0.000000e+00	8.100000e+03	0	0
##	[18440,]	0.000000e+00	0.000000e+00	0	0
##	[18441,]	1.971360e+05	1.132096e+06	0	0
##	[18442,]	0.000000e+00	4.624000e+03	0	0
##	[18443,]	2.601000e+03	1.960000e+04	0	0
##	[18444,]	2.134440e+05	7.242010e+05	0	0
##	[18445,]	2.916000e+03	9.409000e+03	0	0
##	[18446,]	0.000000e+00	6.250000e+02	0	0
##	[18447,]	0.000000e+00	0.000000e+00	0	0
##	[18448,]	3.204100e+04	9.302500e+04	0	0
##	[18449,]	0.000000e+00	1.600000e+01	0	0
##	[18450,]	8.410000e+02	9.610000e+02	0	0
##	[18451,]	0.000000e+00	0.000000e+00	0	0
##	[18452,]	9.734400e+04	6.400000e+01	0	0
##	[18453,]	0.000000e+00	0.000000e+00	0	0
##	[18454,]	1.440000e+02	4.000000e+00	0	0
##	[18455,]	0.000000e+00	0.000000e+00	0	0
##	[18456,]	0.000000e+00	0.000000e+00	0	0
##	[18457,]	0.000000e+00	0.000000e+00	0	0
##	[18458,]	0.000000e+00	0.000000e+00	0	0
##	[18459,]	0.000000e+00	0.000000e+00	0	0
##	[18460,]	0.000000e+00	9.610000e+02	0	0

##	[18461,]	0.000000e+00	0.000000e+00	0	0
##	[18462,]	0.000000e+00	1.210000e+02	0	0
##	[18463,]	4.410000e+02	4.928400e+04	0	0
##	[18464,]	0.000000e+00	0.000000e+00	0	0
##	[18465,]	0.000000e+00	4.000000e+00	0	0
##	[18466,]	1.600000e+01	5.929000e+03	0	0
##	[18467,]	0.000000e+00	0.000000e+00	0	0
##	[18468,]	6.290064e+06	4.580582e+07	0	0
##	[18469,]	0.000000e+00	1.823290e+05	0	0
##	[18470,]	8.940100e+04	8.760960e+05	0	0
##	[18471,]	0.000000e+00	0.000000e+00	0	0
##	[18472,]	5.953600e+04	1.705690e+05	0	0
##	[18473,]	0.000000e+00	1.156000e+03	0	0
##	[18474,]	0.000000e+00	0.000000e+00	0	0
##	[18475,]	2.560000e+02	2.401000e+03	0	0
##	[18476,]	0.000000e+00	0.000000e+00	0	0
##	[18477,]	0.000000e+00	4.972900e+04	0	0
##	[18478,]	1.123600e+04	1.681000e+05	0	0
##	[18479,]	6.577210e+05	7.257636e+06	0	0
##	[18480,]	1.482250e+05	1.527696e+06	0	0
##	[18481,]	0.000000e+00	0.000000e+00	0	0
##	[18482,]	0.000000e+00	9.409000e+03	0	0
##	[18483,]	1.936000e+03	3.132900e+04	0	0
##	[18484,]	0.000000e+00	1.444000e+03	0	0
##	[18485,]	0.000000e+00	0.000000e+00	0	0
##	[18486,]	3.481000e+03	2.310400e+04	0	0
##	[18487,]	1.831840e+05	1.308736e+06	0	0
##	[18488,]	0.000000e+00	8.410000e+02	0	0
##	[18489,]	2.601000e+03	1.299600e+04	0	0
##	[18490,]	0.000000e+00	0.000000e+00	0	0
##	[18491,]	2.106810e+05	9.025000e+05	0	0
##	[18492,]	5.290000e+02	1.156000e+03	0	0
##	[18493,]	3.276100e+04	1.095610e+05	0	0
##	[18494,]	0.000000e+00	0.000000e+00	0	0
##	[18495,]	0.000000e+00	3.600000e+01	0	0
##	[18496,]	6.812100e+04	6.760000e+02	0	0
##	[18497,]	0.000000e+00	0.000000e+00	0	0
##	[18498,]	4.900000e+01	4.000000e+00	0	0
##	[18499,]	0.000000e+00	0.000000e+00	0	0
##	[18500,]	0.000000e+00	0.000000e+00	0	0
##	[18501,]	0.000000e+00	0.000000e+00	0	0
##	[18502,]	0.000000e+00	0.000000e+00	0	0
##	[18503,]	0.000000e+00	0.000000e+00	0	0
##	[18504,]	1.369000e+03	4.494400e+04	0	0
##	[18505,]	0.000000e+00	6.400000e+01	0	0
##	[18506,]	0.000000e+00	0.000000e+00	0	0
##	[18507,]	4.000000e+00	2.025000e+03	0	0
##	[18508,]	0.000000e+00	4.410000e+02	0	0
##	[18509,]	0.000000e+00	2.250000e+02	0	0
##	[18510,]	0.000000e+00	0.000000e+00	0	0
##	[18511,]	0.000000e+00	0.000000e+00	0	0
##	[18512,]	3.802500e+04	8.190250e+05	0	0
##	[18513,]	3.101121e+06	4.522562e+07	0	0
##	[18514,]	1.000000e+00	0.000000e+00	0	0

##	[18515,]	0.000000e+00	2.611210e+05	0	0
##	[18516,]	1.690000e+02	2.025000e+03	0	0
##	[18517,]	0.000000e+00	6.760000e+02	0	0
##	[18518,]	1.000000e+00	0.000000e+00	0	0
##	[18519,]	3.312400e+04	1.648360e+05	0	0
##	[18520,]	4.624000e+03	1.722250e+05	0	0
##	[18521,]	0.000000e+00	6.708100e+04	0	0
##	[18522,]	0.000000e+00	0.000000e+00	0	0
##	[18523,]	3.868840e+05	7.317025e+06	0	0
##	[18524,]	4.928400e+04	1.532644e+06	0	0
##	[18525,]	0.000000e+00	0.000000e+00	0	0
##	[18526,]	6.760000e+02	2.592100e+04	0	0
##	[18527,]	0.000000e+00	1.000000e+04	0	0
##	[18528,]	0.000000e+00	0.000000e+00	0	0
##	[18529,]	1.122250e+05	1.247689e+06	0	0
##	[18530,]	1.444000e+03	2.250000e+04	0	0
##	[18531,]	0.000000e+00	3.969000e+03	0	0
##	[18532,]	0.000000e+00	0.000000e+00	0	0
##	[18533,]	8.761600e+04	9.235210e+05	0	0
##	[18534,]	1.369000e+03	1.166400e+04	0	0
##	[18535,]	0.000000e+00	2.401000e+03	0	0
##	[18536,]	0.000000e+00	0.000000e+00	0	0
##	[18537,]	1.081600e+04	8.880400e+04	0	0
##	[18538,]	1.690000e+02	6.760000e+02	0	0
##	[18539,]	0.000000e+00	1.960000e+02	0	0
##	[18540,]	2.500000e+01	0.000000e+00	0	0
##	[18541,]	5.475600e+04	1.081600e+04	0	0
##	[18542,]	0.000000e+00	0.000000e+00	0	0
##	[18543,]	0.000000e+00	0.000000e+00	0	0
##	[18544,]	0.000000e+00	0.000000e+00	0	0
##	[18545,]	0.000000e+00	0.000000e+00	0	0
##	[18546,]	0.000000e+00	0.000000e+00	0	0
##	[18547,]	0.000000e+00	0.000000e+00	0	0
##	[18548,]	0.000000e+00	0.000000e+00	0	0
##	[18549,]	0.000000e+00	1.690000e+02	0	0
##	[18550,]	1.000000e+00	9.000000e+02	0	0
##	[18551,]	5.760000e+02	4.243600e+04	0	0
##	[18552,]	0.000000e+00	0.000000e+00	0	0
##	[18553,]	4.000000e+00	5.290000e+02	0	0
##	[18554,]	0.000000e+00	0.000000e+00	0	0
##	[18555,]	0.000000e+00	1.521000e+03	0	0
##	[18556,]	0.000000e+00	1.552360e+05	0	0
##	[18557,]	1.261129e+06	3.495174e+07	0	0
##	[18558,]	0.000000e+00	0.000000e+00	0	0
##	[18559,]	1.960000e+04	8.082010e+05	0	0
##	[18560,]	0.000000e+00	0.000000e+00	0	0
##	[18561,]	1.512900e+04	9.985600e+04	0	0
##	[18562,]	1.000000e+02	1.849000e+03	0	0
##	[18563,]	0.000000e+00	8.410000e+02	0	0
##	[18564,]	1.831840e+05	5.349969e+06	0	0
##	[18565,]	0.000000e+00	4.410000e+04	0	0
##	[18566,]	0.000000e+00	0.000000e+00	0	0
##	[18567,]	2.809000e+03	1.584040e+05	0	0
##	[18568,]	2.464900e+04	1.261129e+06	0	0

##	[18569,]	0.000000e+00	0.000000e+00	0	0
##	[18570,]	4.000000e+02	2.755600e+04	0	0
##	[18571,]	0.000000e+00	5.929000e+03	0	0
##	[18572,]	0.000000e+00	1.936000e+03	0	0
##	[18573,]	4.840000e+02	2.250000e+04	0	0
##	[18574,]	3.572100e+04	9.781210e+05	0	0
##	[18575,]	0.000000e+00	0.000000e+00	0	0
##	[18576,]	0.000000e+00	7.290000e+02	0	0
##	[18577,]	0.000000e+00	0.000000e+00	0	0
##	[18578,]	2.528100e+04	7.516890e+05	0	0
##	[18579,]	7.290000e+02	1.102500e+04	0	0
##	[18580,]	0.000000e+00	4.900000e+01	0	0
##	[18581,]	4.489000e+03	9.241600e+04	0	0
##	[18582,]	6.400000e+01	1.369000e+03	0	0
##	[18583,]	0.000000e+00	0.000000e+00	0	0
##	[18584,]	2.500000e+01	0.000000e+00	0	0
##	[18585,]	0.000000e+00	0.000000e+00	0	0
##	[18586,]	1.664100e+04	7.396000e+03	0	0
##	[18587,]	0.000000e+00	0.000000e+00	0	0
##	[18588,]	0.000000e+00	0.000000e+00	0	0
##	[18589,]	0.000000e+00	0.000000e+00	0	0
##	[18590,]	0.000000e+00	0.000000e+00	0	0
##	[18591,]	0.000000e+00	0.000000e+00	0	0
##	[18592,]	0.000000e+00	0.000000e+00	0	0
##	[18593,]	1.000000e+00	7.840000e+02	0	0
##	[18594,]	2.250000e+02	3.496900e+04	0	0
##	[18595,]	0.000000e+00	4.900000e+01	0	0
##	[18596,]	0.000000e+00	0.000000e+00	0	0
##	[18597,]	0.000000e+00	1.444000e+03	0	0
##	[18598,]	0.000000e+00	0.000000e+00	0	0
##	[18599,]	4.000000e+02	8.100000e+01	0	0
##	[18600,]	5.184000e+03	5.402250e+05	0	0
##	[18601,]	5.975290e+05	2.782562e+07	0	0
##	[18602,]	0.000000e+00	0.000000e+00	0	0
##	[18603,]	0.000000e+00	1.656490e+05	0	0
##	[18604,]	0.000000e+00	0.000000e+00	0	0
##	[18605,]	7.569000e+03	1.069290e+05	0	0
##	[18606,]	2.500000e+01	1.369000e+03	0	0
##	[18607,]	0.000000e+00	4.840000e+02	0	0
##	[18608,]	1.225000e+03	1.082410e+05	0	0
##	[18609,]	0.000000e+00	0.000000e+00	0	0
##	[18610,]	8.880400e+04	4.708900e+06	0	0
##	[18611,]	0.000000e+00	3.168400e+04	0	0
##	[18612,]	1.210000e+04	8.760960e+05	0	0
##	[18613,]	0.000000e+00	0.000000e+00	0	0
##	[18614,]	8.100000e+01	1.960000e+04	0	0
##	[18615,]	0.000000e+00	9.025000e+03	0	0
##	[18616,]	0.000000e+00	0.000000e+00	0	0
##	[18617,]	1.000000e+02	1.188100e+04	0	0
##	[18618,]	1.210000e+04	7.708840e+05	0	0
##	[18619,]	0.000000e+00	3.481000e+03	0	0
##	[18620,]	0.000000e+00	1.849000e+03	0	0
##	[18621,]	0.000000e+00	0.000000e+00	0	0
##	[18622,]	1.232100e+04	4.529290e+05	0	0

##	[18623,]	1.440000e+02	7.396000e+03	0	0
##	[18624,]	0.000000e+00	1.000000e+02	0	0
##	[18625,]	0.000000e+00	0.000000e+00	0	0
##	[18626,]	3.249000e+03	8.468100e+04	0	0
##	[18627,]	1.000000e+00	1.156000e+03	0	0
##	[18628,]	0.000000e+00	0.000000e+00	0	0
##	[18629,]	2.102500e+04	1.081600e+04	0	0
##	[18630,]	0.000000e+00	0.000000e+00	0	0
##	[18631,]	2.500000e+01	0.000000e+00	0	0
##	[18632,]	0.000000e+00	0.000000e+00	0	0
##	[18633,]	0.000000e+00	0.000000e+00	0	0
##	[18634,]	0.000000e+00	0.000000e+00	0	0
##	[18635,]	0.000000e+00	0.000000e+00	0	0
##	[18636,]	4.900000e+01	3.686400e+04	0	0
##	[18637,]	0.000000e+00	0.000000e+00	0	0
##	[18638,]	0.000000e+00	6.250000e+02	0	0
##	[18639,]	0.000000e+00	4.000000e+02	0	0
##	[18640,]	6.400000e+01	1.960000e+02	0	0
##	[18641,]	0.000000e+00	0.000000e+00	0	0
##	[18642,]	0.000000e+00	3.600000e+01	0	0
##	[18643,]	0.000000e+00	0.000000e+00	0	0
##	[18644,]	0.000000e+00	1.339560e+05	0	0
##	[18645,]	4.264090e+05	2.739476e+07	0	0
##	[18646,]	0.000000e+00	0.000000e+00	0	0
##	[18647,]	1.849000e+03	5.990760e+05	0	0
##	[18648,]	3.600000e+01	2.116000e+03	0	0
##	[18649,]	4.761000e+03	9.000000e+04	0	0
##	[18650,]	0.000000e+00	0.000000e+00	0	0
##	[18651,]	0.000000e+00	8.410000e+02	0	0
##	[18652,]	6.400000e+01	1.239040e+05	0	0
##	[18653,]	0.000000e+00	3.385600e+04	0	0
##	[18654,]	0.000000e+00	0.000000e+00	0	0
##	[18655,]	4.708900e+04	4.100625e+06	0	0
##	[18656,]	0.000000e+00	0.000000e+00	0	0
##	[18657,]	0.000000e+00	6.241000e+03	0	0
##	[18658,]	4.900000e+01	2.044900e+04	0	0
##	[18659,]	1.040400e+04	9.682560e+05	0	0
##	[18660,]	1.102500e+04	8.118010e+05	0	0
##	[18661,]	6.400000e+01	1.232100e+04	0	0
##	[18662,]	0.000000e+00	1.849000e+03	0	0
##	[18663,]	0.000000e+00	0.000000e+00	0	0
##	[18664,]	0.000000e+00	0.000000e+00	0	0
##	[18665,]	0.000000e+00	5.760000e+02	0	0
##	[18666,]	6.400000e+01	9.025000e+03	0	0
##	[18667,]	1.020100e+04	5.836960e+05	0	0
##	[18668,]	3.600000e+01	7.290000e+02	0	0
##	[18669,]	0.000000e+00	0.000000e+00	0	0
##	[18670,]	3.481000e+03	6.760000e+04	0	0
##	[18671,]	0.000000e+00	4.900000e+01	0	0
##	[18672,]	0.000000e+00	0.000000e+00	0	0
##	[18673,]	0.000000e+00	0.000000e+00	0	0
##	[18674,]	1.000000e+04	8.281000e+03	0	0
##	[18675,]	1.600000e+01	1.000000e+00	0	0
##	[18676,]	0.000000e+00	0.000000e+00	0	0

##	[18677,]	0.000000e+00	0.000000e+00	0	0
##	[18678,]	0.000000e+00	0.000000e+00	0	0
##	[18679,]	0.000000e+00	0.000000e+00	0	0
##	[18680,]	0.000000e+00	0.000000e+00	0	0
##	[18681,]	8.100000e+01	2.310400e+04	0	0
##	[18682,]	0.000000e+00	6.400000e+01	0	0
##	[18683,]	1.000000e+00	1.156000e+03	0	0
##	[18684,]	0.000000e+00	0.000000e+00	0	0
##	[18685,]	0.000000e+00	0.000000e+00	0	0
##	[18686,]	0.000000e+00	0.000000e+00	0	0
##	[18687,]	5.760000e+02	4.000000e+00	0	0
##	[18688,]	0.000000e+00	2.662560e+05	0	0
##	[18689,]	1.600000e+01	0.000000e+00	0	0
##	[18690,]	4.761000e+03	5.685160e+05	0	0
##	[18691,]	3.696640e+05	2.897669e+07	0	0
##	[18692,]	2.500000e+01	1.156000e+03	0	0
##	[18693,]	1.000000e+00	0.000000e+00	0	0
##	[18694,]	0.000000e+00	1.089000e+03	0	0
##	[18695,]	5.184000e+03	1.062760e+05	0	0
##	[18696,]	9.000000e+02	1.211040e+05	0	0
##	[18697,]	1.000000e+00	0.000000e+00	0	0
##	[18698,]	0.000000e+00	8.468100e+04	0	0
##	[18699,]	4.884100e+04	5.085025e+06	0	0
##	[18700,]	1.960000e+02	2.722500e+04	0	0
##	[18701,]	0.000000e+00	7.056000e+03	0	0
##	[18702,]	1.000000e+00	0.000000e+00	0	0
##	[18703,]	6.084000e+03	1.050625e+06	0	0
##	[18704,]	0.000000e+00	0.000000e+00	0	0
##	[18705,]	6.400000e+01	1.000000e+04	0	0
##	[18706,]	1.276900e+04	7.779240e+05	0	0
##	[18707,]	0.000000e+00	3.969000e+03	0	0
##	[18708,]	6.400000e+01	6.724000e+03	0	0
##	[18709,]	8.464000e+03	4.199040e+05	0	0
##	[18710,]	0.000000e+00	0.000000e+00	0	0
##	[18711,]	0.000000e+00	1.296000e+03	0	0
##	[18712,]	1.600000e+01	6.250000e+02	0	0
##	[18713,]	1.000000e+00	0.000000e+00	0	0
##	[18714,]	0.000000e+00	8.100000e+01	0	0
##	[18715,]	1.024000e+03	6.100900e+04	0	0
##	[18716,]	9.000000e+00	1.000000e+00	0	0
##	[18717,]	2.102500e+04	4.624000e+03	0	0
##	[18718,]	0.000000e+00	0.000000e+00	0	0
##	[18719,]	0.000000e+00	0.000000e+00	0	0
##	[18720,]	0.000000e+00	0.000000e+00	0	0
##	[18721,]	0.000000e+00	0.000000e+00	0	0
##	[18722,]	0.000000e+00	0.000000e+00	0	0
##	[18723,]	0.000000e+00	0.000000e+00	0	0
##	[18724,]	0.000000e+00	0.000000e+00	0	0
##	[18725,]	0.000000e+00	4.410000e+02	0	0
##	[18726,]	0.000000e+00	3.240000e+02	0	0
##	[18727,]	1.690000e+02	3.132900e+04	0	0
##	[18728,]	0.000000e+00	0.000000e+00	0	0
##	[18729,]	0.000000e+00	0.000000e+00	0	0
##	[18730,]	0.000000e+00	0.000000e+00	0	0

##	[18731,]	0.000000e+00	1.000000e+02	0	0
##	[18732,]	1.000000e+00	0.000000e+00	0	0
##	[18733,]	0.000000e+00	1.281640e+05	0	0
##	[18734,]	2.016010e+05	1.264514e+07	0	0
##	[18735,]	4.000000e+02	1.011240e+05	0	0
##	[18736,]	1.000000e+00	2.250000e+02	0	0
##	[18737,]	0.000000e+00	9.610000e+02	0	0
##	[18738,]	0.000000e+00	0.000000e+00	0	0
##	[18739,]	4.096000e+03	7.022500e+04	0	0
##	[18740,]	9.000000e+00	3.204100e+04	0	0
##	[18741,]	0.000000e+00	3.496900e+04	0	0
##	[18742,]	1.000000e+00	0.000000e+00	0	0
##	[18743,]	2.592100e+04	2.611456e+06	0	0
##	[18744,]	0.000000e+00	0.000000e+00	0	0
##	[18745,]	1.000000e+00	2.500000e+03	0	0
##	[18746,]	4.356000e+03	4.342810e+05	0	0
##	[18747,]	0.000000e+00	6.561000e+03	0	0
##	[18748,]	0.000000e+00	1.600000e+03	0	0
##	[18749,]	5.625000e+03	2.672890e+05	0	0
##	[18750,]	3.600000e+01	1.296000e+03	0	0
##	[18751,]	0.000000e+00	0.000000e+00	0	0
##	[18752,]	0.000000e+00	2.890000e+02	0	0
##	[18753,]	4.356000e+03	1.369000e+05	0	0
##	[18754,]	8.100000e+01	8.410000e+02	0	0
##	[18755,]	0.000000e+00	0.000000e+00	0	0
##	[18756,]	0.000000e+00	0.000000e+00	0	0
##	[18757,]	2.890000e+02	1.664100e+04	0	0
##	[18758,]	0.000000e+00	4.000000e+00	0	0
##	[18759,]	0.000000e+00	8.100000e+01	0	0
##	[18760,]	0.000000e+00	0.000000e+00	0	0
##	[18761,]	1.000000e+00	0.000000e+00	0	0
##	[18762,]	0.000000e+00	0.000000e+00	0	0
##	[18763,]	4.489000e+03	3.600000e+03	0	0
##	[18764,]	0.000000e+00	0.000000e+00	0	0
##	[18765,]	0.000000e+00	0.000000e+00	0	0
##	[18766,]	0.000000e+00	0.000000e+00	0	0
##	[18767,]	0.000000e+00	0.000000e+00	0	0
##	[18768,]	0.000000e+00	0.000000e+00	0	0
##	[18769,]	3.600000e+01	1.464100e+04	0	0
##	[18770,]	0.000000e+00	1.690000e+02	0	0
##	[18771,]	0.000000e+00	2.500000e+01	0	0
##	[18772,]	0.000000e+00	0.000000e+00	0	0
##	[18773,]	0.000000e+00	0.000000e+00	0	0
##	[18774,]	0.000000e+00	1.960000e+02	0	0
##	[18775,]	0.000000e+00	0.000000e+00	0	0
##	[18776,]	0.000000e+00	1.115560e+05	0	0
##	[18777,]	1.369000e+03	1.281640e+05	0	0
##	[18778,]	0.000000e+00	0.000000e+00	0	0
##	[18779,]	3.528360e+05	1.432622e+07	0	0
##	[18780,]	0.000000e+00	0.000000e+00	0	0
##	[18781,]	7.744000e+03	4.972900e+04	0	0
##	[18782,]	0.000000e+00	6.760000e+02	0	0
##	[18783,]	3.600000e+01	3.610000e+02	0	0
##	[18784,]	3.422500e+04	2.663424e+06	0	0

##	[18785,]	0.000000e+00	2.624400e+04	0	0
##	[18786,]	1.440000e+02	2.822400e+04	0	0
##	[18787,]	0.000000e+00	0.000000e+00	0	0
##	[18788,]	0.000000e+00	0.000000e+00	0	0
##	[18789,]	3.600000e+01	5.041000e+03	0	0
##	[18790,]	9.801000e+03	4.462240e+05	0	0
##	[18791,]	0.000000e+00	5.184000e+03	0	0
##	[18792,]	0.000000e+00	0.000000e+00	0	0
##	[18793,]	1.166400e+04	3.504640e+05	0	0
##	[18794,]	0.000000e+00	2.500000e+03	0	0
##	[18795,]	2.500000e+01	2.304000e+03	0	0
##	[18796,]	0.000000e+00	0.000000e+00	0	0
##	[18797,]	6.241000e+03	2.381440e+05	0	0
##	[18798,]	1.600000e+01	1.225000e+03	0	0
##	[18799,]	0.000000e+00	2.890000e+02	0	0
##	[18800,]	0.000000e+00	0.000000e+00	0	0
##	[18801,]	1.600000e+01	2.890000e+02	0	0
##	[18802,]	1.225000e+03	3.312400e+04	0	0
##	[18803,]	0.000000e+00	4.900000e+01	0	0
##	[18804,]	0.000000e+00	0.000000e+00	0	0
##	[18805,]	1.188100e+04	2.025000e+03	0	0
##	[18806,]	0.000000e+00	0.000000e+00	0	0
##	[18807,]	2.500000e+01	1.000000e+00	0	0
##	[18808,]	0.000000e+00	0.000000e+00	0	0
##	[18809,]	0.000000e+00	0.000000e+00	0	0
##	[18810,]	0.000000e+00	0.000000e+00	0	0
##	[18811,]	0.000000e+00	0.000000e+00	0	0
##	[18812,]	1.000000e+00	1.000000e+02	0	0
##	[18813,]	6.400000e+01	1.440000e+04	0	0
##	[18814,]	0.000000e+00	0.000000e+00	0	0
##	[18815,]	0.000000e+00	1.960000e+02	0	0
##	[18816,]	0.000000e+00	0.000000e+00	0	0
##	[18817,]	0.000000e+00	1.000000e+00	0	0
##	[18818,]	0.000000e+00	0.000000e+00	0	0
##	[18819,]	0.000000e+00	0.000000e+00	0	0
##	[18820,]	0.000000e+00	3.496900e+04	0	0
##	[18821,]	1.459240e+05	4.255969e+06	0	0
##	[18822,]	0.000000e+00	0.000000e+00	0	0
##	[18823,]	5.760000e+02	4.622500e+04	0	0
##	[18824,]	9.000000e+00	4.900000e+01	0	0
##	[18825,]	0.000000e+00	0.000000e+00	0	0
##	[18826,]	2.601000e+03	2.433600e+04	0	0
##	[18827,]	0.000000e+00	1.210000e+02	0	0
##	[18828,]	6.400000e+01	1.040400e+04	0	0
##	[18829,]	0.000000e+00	0.000000e+00	0	0
##	[18830,]	2.371600e+04	8.226490e+05	0	0
##	[18831,]	0.000000e+00	1.020100e+04	0	0
##	[18832,]	4.000000e+00	1.521000e+03	0	0
##	[18833,]	0.000000e+00	0.000000e+00	0	0
##	[18834,]	0.000000e+00	1.764000e+03	0	0
##	[18835,]	2.916000e+03	1.169640e+05	0	0
##	[18836,]	0.000000e+00	5.760000e+02	0	0
##	[18837,]	2.401000e+03	9.922500e+04	0	0
##	[18838,]	0.000000e+00	0.000000e+00	0	0

##	[18839,]	1.600000e+01	9.610000e+02	0	0
##	[18840,]	4.096000e+03	6.604900e+04	0	0
##	[18841,]	1.600000e+01	5.760000e+02	0	0
##	[18842,]	0.000000e+00	4.900000e+01	0	0
##	[18843,]	0.000000e+00	0.000000e+00	0	0
##	[18844,]	0.000000e+00	4.000000e+00	0	0
##	[18845,]	9.000000e+00	1.440000e+02	0	0
##	[18846,]	0.000000e+00	0.000000e+00	0	0
##	[18847,]	1.000000e+02	7.396000e+03	0	0
##	[18848,]	1.600000e+01	0.000000e+00	0	0
##	[18849,]	0.000000e+00	0.000000e+00	0	0
##	[18850,]	5.041000e+03	7.840000e+02	0	0
##	[18851,]	0.000000e+00	0.000000e+00	0	0
##	[18852,]	0.000000e+00	0.000000e+00	0	0
##	[18853,]	0.000000e+00	0.000000e+00	0	0
##	[18854,]	0.000000e+00	0.000000e+00	0	0
##	[18855,]	0.000000e+00	0.000000e+00	0	0
##	[18856,]	0.000000e+00	3.600000e+01	0	0
##	[18857,]	0.000000e+00	0.000000e+00	0	0
##	[18858,]	2.500000e+01	3.600000e+03	0	0
##	[18859,]	0.000000e+00	1.000000e+00	0	0
##	[18860,]	0.000000e+00	0.000000e+00	0	0
##	[18861,]	0.000000e+00	0.000000e+00	0	0
##	[18862,]	0.000000e+00	1.000000e+00	0	0
##	[18863,]	0.000000e+00	0.000000e+00	0	0
##	[18864,]	0.000000e+00	3.802500e+04	0	0
##	[18865,]	0.000000e+00	0.000000e+00	0	0
##	[18866,]	2.704000e+03	1.149210e+05	0	0
##	[18867,]	2.162250e+05	8.826841e+06	0	0
##	[18868,]	3.249000e+03	3.841600e+04	0	0
##	[18869,]	0.000000e+00	2.250000e+02	0	0
##	[18870,]	0.000000e+00	0.000000e+00	0	0
##	[18871,]	1.600000e+01	4.410000e+02	0	0
##	[18872,]	0.000000e+00	1.040400e+04	0	0
##	[18873,]	3.572100e+04	1.243225e+06	0	0
##	[18874,]	4.840000e+02	1.849600e+04	0	0
##	[18875,]	0.000000e+00	0.000000e+00	0	0
##	[18876,]	0.000000e+00	0.000000e+00	0	0
##	[18877,]	3.600000e+01	4.900000e+03	0	0
##	[18878,]	0.000000e+00	9.610000e+02	0	0
##	[18879,]	4.489000e+03	2.641960e+05	0	0
##	[18880,]	0.000000e+00	0.000000e+00	0	0
##	[18881,]	5.041000e+03	2.662560e+05	0	0
##	[18882,]	4.900000e+01	2.809000e+03	0	0
##	[18883,]	0.000000e+00	9.000000e+02	0	0
##	[18884,]	3.721000e+03	2.294410e+05	0	0
##	[18885,]	0.000000e+00	0.000000e+00	0	0
##	[18886,]	1.210000e+02	1.681000e+03	0	0
##	[18887,]	0.000000e+00	1.210000e+02	0	0
##	[18888,]	4.000000e+02	2.280100e+04	0	0
##	[18889,]	0.000000e+00	0.000000e+00	0	0
##	[18890,]	4.000000e+00	3.240000e+02	0	0
##	[18891,]	0.000000e+00	3.600000e+01	0	0
##	[18892,]	9.216000e+03	1.225000e+03	0	0

##	[18893,]	4.000000e+00	1.000000e+00	0	0
##	[18894,]	0.000000e+00	0.000000e+00	0	0
##	[18895,]	0.000000e+00	0.000000e+00	0	0
##	[18896,]	0.000000e+00	0.000000e+00	0	0
##	[18897,]	0.000000e+00	0.000000e+00	0	0
##	[18898,]	0.000000e+00	0.000000e+00	0	0
##	[18899,]	0.000000e+00	0.000000e+00	0	0
##	[18900,]	1.600000e+01	9.000000e+00	0	0
##	[18901,]	6.400000e+01	7.569000e+03	0	0
##	[18902,]	0.000000e+00	0.000000e+00	0	0
##	[18903,]	0.000000e+00	2.500000e+01	0	0
##	[18904,]	0.000000e+00	0.000000e+00	0	0
##	[18905,]	0.000000e+00	0.000000e+00	0	0
##	[18906,]	0.000000e+00	1.000000e+00	0	0
##	[18907,]	1.000000e+00	5.760000e+02	0	0
##	[18908,]	2.890000e+02	4.579600e+04	0	0
##	[18909,]	0.000000e+00	0.000000e+00	0	0
##	[18910,]	1.056250e+05	5.171076e+06	0	0
##	[18911,]	0.000000e+00	3.312400e+04	0	0
##	[18912,]	0.000000e+00	0.000000e+00	0	0
##	[18913,]	2.116000e+03	2.788900e+04	0	0
##	[18914,]	1.000000e+00	3.240000e+02	0	0
##	[18915,]	0.000000e+00	1.210000e+02	0	0
##	[18916,]	4.900000e+01	5.929000e+03	0	0
##	[18917,]	0.000000e+00	0.000000e+00	0	0
##	[18918,]	1.440000e+04	7.903210e+05	0	0
##	[18919,]	0.000000e+00	9.216000e+03	0	0
##	[18920,]	0.000000e+00	0.000000e+00	0	0
##	[18921,]	1.600000e+01	1.024000e+03	0	0
##	[18922,]	2.209000e+03	1.156000e+05	0	0
##	[18923,]	0.000000e+00	1.369000e+03	0	0
##	[18924,]	4.000000e+00	1.764000e+03	0	0
##	[18925,]	2.704000e+03	1.398760e+05	0	0
##	[18926,]	0.000000e+00	0.000000e+00	0	0
##	[18927,]	0.000000e+00	7.840000e+02	0	0
##	[18928,]	1.936000e+03	1.406250e+05	0	0
##	[18929,]	4.000000e+00	1.024000e+03	0	0
##	[18930,]	0.000000e+00	0.000000e+00	0	0
##	[18931,]	0.000000e+00	1.000000e+02	0	0
##	[18932,]	0.000000e+00	0.000000e+00	0	0
##	[18933,]	2.560000e+02	1.664100e+04	0	0
##	[18934,]	0.000000e+00	0.000000e+00	0	0
##	[18935,]	1.000000e+00	1.690000e+02	0	0
##	[18936,]	0.000000e+00	0.000000e+00	0	0
##	[18937,]	1.000000e+00	0.000000e+00	0	0
##	[18938,]	0.000000e+00	0.000000e+00	0	0
##	[18939,]	6.084000e+03	1.225000e+03	0	0
##	[18940,]	0.000000e+00	0.000000e+00	0	0
##	[18941,]	0.000000e+00	0.000000e+00	0	0
##	[18942,]	0.000000e+00	0.000000e+00	0	0
##	[18943,]	0.000000e+00	0.000000e+00	0	0
##	[18944,]	0.000000e+00	0.000000e+00	0	0
##	[18945,]	0.000000e+00	4.900000e+01	0	0
##	[18946,]	0.000000e+00	9.000000e+00	0	0

##	[18947,]	1.440000e+02	4.356000e+03	0	0
##	[18948,]	0.000000e+00	0.000000e+00	0	0
##	[18949,]	0.000000e+00	0.000000e+00	0	0
##	[18950,]	0.000000e+00	0.000000e+00	0	0
##	[18951,]	0.000000e+00	4.000000e+00	0	0
##	[18952,]	7.344100e+04	2.689600e+06	0	0
##	[18953,]	0.000000e+00	2.788900e+04	0	0
##	[18954,]	3.610000e+02	1.464100e+04	0	0
##	[18955,]	0.000000e+00	0.000000e+00	0	0
##	[18956,]	1.600000e+03	1.299600e+04	0	0
##	[18957,]	0.000000e+00	0.000000e+00	0	0
##	[18958,]	0.000000e+00	1.690000e+02	0	0
##	[18959,]	1.000000e+00	1.690000e+02	0	0
##	[18960,]	6.400000e+01	2.704000e+03	0	0
##	[18961,]	0.000000e+00	0.000000e+00	0	0
##	[18962,]	1.464100e+04	5.055210e+05	0	0
##	[18963,]	0.000000e+00	8.281000e+03	0	0
##	[18964,]	0.000000e+00	0.000000e+00	0	0
##	[18965,]	1.000000e+00	3.240000e+02	0	0
##	[18966,]	7.840000e+02	7.840000e+04	0	0
##	[18967,]	0.000000e+00	7.840000e+02	0	0
##	[18968,]	0.000000e+00	0.000000e+00	0	0
##	[18969,]	0.000000e+00	6.250000e+02	0	0
##	[18970,]	9.000000e+00	5.290000e+02	0	0
##	[18971,]	2.209000e+03	7.398400e+04	0	0
##	[18972,]	0.000000e+00	8.100000e+01	0	0
##	[18973,]	0.000000e+00	0.000000e+00	0	0
##	[18974,]	2.500000e+01	1.210000e+02	0	0
##	[18975,]	6.250000e+02	4.202500e+04	0	0
##	[18976,]	0.000000e+00	0.000000e+00	0	0
##	[18977,]	0.000000e+00	1.000000e+00	0	0
##	[18978,]	1.000000e+00	1.600000e+01	0	0
##	[18979,]	1.000000e+02	3.364000e+03	0	0
##	[18980,]	0.000000e+00	0.000000e+00	0	0
##	[18981,]	0.000000e+00	0.000000e+00	0	0
##	[18982,]	2.209000e+03	9.610000e+02	0	0
##	[18983,]	1.600000e+01	0.000000e+00	0	0
##	[18984,]	0.000000e+00	0.000000e+00	0	0
##	[18985,]	0.000000e+00	0.000000e+00	0	0
##	[18986,]	0.000000e+00	0.000000e+00	0	0
##	[18987,]	0.000000e+00	0.000000e+00	0	0
##	[18988,]	0.000000e+00	3.600000e+01	0	0
##	[18989,]	1.000000e+00	2.500000e+01	0	0
##	[18990,]	0.000000e+00	0.000000e+00	0	0
##	[18991,]	4.000000e+00	2.601000e+03	0	0
##	[18992,]	0.000000e+00	0.000000e+00	0	0
##	[18993,]	0.000000e+00	0.000000e+00	0	0
##	[18994,]	0.000000e+00	0.000000e+00	0	0
##	[18995,]	0.000000e+00	0.000000e+00	0	0
##	[18996,]	1.210000e+02	6.561000e+03	0	0
##	[18997,]	0.000000e+00	1.795600e+04	0	0
##	[18998,]	0.000000e+00	0.000000e+00	0	0
##	[18999,]	8.526400e+04	2.280100e+06	0	0
##	[19000,]	4.000000e+00	2.500000e+01	0	0

##	[19001,]	0.000000e+00	0.000000e+00	0	0
##	[19002,]	0.000000e+00	2.500000e+01	0	0
##	[19003,]	1.156000e+03	8.464000e+03	0	0
##	[19004,]	0.000000e+00	0.000000e+00	0	0
##	[19005,]	0.000000e+00	4.356000e+03	0	0
##	[19006,]	1.488400e+04	4.186090e+05	0	0
##	[19007,]	2.500000e+01	1.764000e+03	0	0
##	[19008,]	0.000000e+00	0.000000e+00	0	0
##	[19009,]	0.000000e+00	1.444000e+03	0	0
##	[19010,]	2.209000e+03	8.008900e+04	0	0
##	[19011,]	0.000000e+00	2.250000e+02	0	0
##	[19012,]	0.000000e+00	2.250000e+02	0	0
##	[19013,]	1.521000e+03	6.760000e+04	0	0
##	[19014,]	4.000000e+00	2.500000e+01	0	0
##	[19015,]	0.000000e+00	0.000000e+00	0	0
##	[19016,]	0.000000e+00	8.100000e+01	0	0
##	[19017,]	1.296000e+03	2.433600e+04	0	0
##	[19018,]	0.000000e+00	0.000000e+00	0	0
##	[19019,]	4.000000e+00	1.690000e+02	0	0
##	[19020,]	0.000000e+00	0.000000e+00	0	0
##	[19021,]	1.960000e+02	5.184000e+03	0	0
##	[19022,]	0.000000e+00	1.000000e+00	0	0
##	[19023,]	0.000000e+00	1.000000e+00	0	0
##	[19024,]	0.000000e+00	0.000000e+00	0	0
##	[19025,]	0.000000e+00	0.000000e+00	0	0
##	[19026,]	0.000000e+00	0.000000e+00	0	0
##	[19027,]	4.900000e+03	4.410000e+02	0	0
##	[19028,]	0.000000e+00	0.000000e+00	0	0
##	[19029,]	0.000000e+00	0.000000e+00	0	0
##	[19030,]	0.000000e+00	0.000000e+00	0	0
##	[19031,]	0.000000e+00	0.000000e+00	0	0
##	[19032,]	0.000000e+00	0.000000e+00	0	0
##	[19033,]	0.000000e+00	6.400000e+01	0	0
##	[19034,]	8.100000e+01	1.764000e+03	0	0
##	[19035,]	0.000000e+00	0.000000e+00	0	0
##	[19036,]	0.000000e+00	0.000000e+00	0	0
##	[19037,]	0.000000e+00	0.000000e+00	0	0
##	[19038,]	0.000000e+00	1.000000e+02	0	0
##	[19039,]	0.000000e+00	0.000000e+00	0	0
##	[19040,]	3.610000e+02	1.081600e+04	0	0
##	[19041,]	0.000000e+00	1.232100e+04	0	0
##	[19042,]	0.000000e+00	0.000000e+00	0	0
##	[19043,]	6.150400e+04	1.324801e+06	0	0
##	[19044,]	0.000000e+00	0.000000e+00	0	0
##	[19045,]	0.000000e+00	1.440000e+02	0	0
##	[19046,]	4.000000e+00	8.100000e+01	0	0
##	[19047,]	7.290000e+02	4.489000e+03	0	0
##	[19048,]	0.000000e+00	0.000000e+00	0	0
##	[19049,]	8.281000e+03	2.430490e+05	0	0
##	[19050,]	0.000000e+00	2.809000e+03	0	0
##	[19051,]	1.440000e+02	2.116000e+03	0	0
##	[19052,]	0.000000e+00	0.000000e+00	0	0
##	[19053,]	1.000000e+00	1.690000e+02	0	0
##	[19054,]	0.000000e+00	7.290000e+02	0	0

##	[19055,]	1.156000e+03	3.276100e+04	0	0
##	[19056,]	9.000000e+00	6.250000e+02	0	0
##	[19057,]	0.000000e+00	1.960000e+02	0	0
##	[19058,]	1.936000e+03	3.802500e+04	0	0
##	[19059,]	0.000000e+00	0.000000e+00	0	0
##	[19060,]	1.600000e+03	2.371600e+04	0	0
##	[19061,]	0.000000e+00	1.210000e+02	0	0
##	[19062,]	0.000000e+00	1.600000e+01	0	0
##	[19063,]	0.000000e+00	0.000000e+00	0	0
##	[19064,]	1.000000e+00	0.000000e+00	0	0
##	[19065,]	1.440000e+02	3.721000e+03	0	0
##	[19066,]	0.000000e+00	1.000000e+00	0	0
##	[19067,]	0.000000e+00	0.000000e+00	0	0
##	[19068,]	4.900000e+03	9.000000e+02	0	0
##	[19069,]	1.000000e+00	0.000000e+00	0	0
##	[19070,]	0.000000e+00	0.000000e+00	0	0
##	[19071,]	0.000000e+00	0.000000e+00	0	0
##	[19072,]	0.000000e+00	0.000000e+00	0	0
##	[19073,]	0.000000e+00	0.000000e+00	0	0
##	[19074,]	0.000000e+00	0.000000e+00	0	0
##	[19075,]	0.000000e+00	0.000000e+00	0	0
##	[19076,]	4.000000e+00	2.500000e+01	0	0
##	[19077,]	0.000000e+00	9.000000e+00	0	0
##	[19078,]	0.000000e+00	9.610000e+02	0	0
##	[19079,]	0.000000e+00	0.000000e+00	0	0
##	[19080,]	0.000000e+00	0.000000e+00	0	0
##	[19081,]	0.000000e+00	0.000000e+00	0	0
##	[19082,]	0.000000e+00	0.000000e+00	0	0
##	[19083,]	1.600000e+01	4.000000e+00	0	0
##	[19084,]	3.724900e+04	1.295044e+06	0	0
##	[19085,]	6.400000e+01	7.569000e+03	0	0
##	[19086,]	0.000000e+00	1.876900e+04	0	0
##	[19087,]	0.000000e+00	0.000000e+00	0	0
##	[19088,]	0.000000e+00	1.440000e+02	0	0
##	[19089,]	1.000000e+00	1.600000e+01	0	0
##	[19090,]	4.000000e+02	7.569000e+03	0	0
##	[19091,]	0.000000e+00	0.000000e+00	0	0
##	[19092,]	5.625000e+03	2.162250e+05	0	0
##	[19093,]	4.000000e+00	1.089000e+03	0	0
##	[19094,]	0.000000e+00	5.776000e+03	0	0
##	[19095,]	0.000000e+00	0.000000e+00	0	0
##	[19096,]	1.000000e+00	3.240000e+02	0	0
##	[19097,]	0.000000e+00	7.290000e+02	0	0
##	[19098,]	7.840000e+02	4.326400e+04	0	0
##	[19099,]	0.000000e+00	0.000000e+00	0	0
##	[19100,]	4.000000e+00	2.250000e+02	0	0
##	[19101,]	1.089000e+03	3.204100e+04	0	0
##	[19102,]	0.000000e+00	0.000000e+00	0	0
##	[19103,]	0.000000e+00	1.210000e+02	0	0
##	[19104,]	0.000000e+00	0.000000e+00	0	0
##	[19105,]	0.000000e+00	1.210000e+02	0	0
##	[19106,]	9.000000e+02	2.073600e+04	0	0
##	[19107,]	4.000000e+00	1.690000e+02	0	0
##	[19108,]	0.000000e+00	0.000000e+00	0	0

##	[19109,]	0.000000e+00	0.000000e+00	0	0
##	[19110,]	0.000000e+00	1.600000e+01	0	0
##	[19111,]	4.900000e+01	3.025000e+03	0	0
##	[19112,]	1.000000e+00	0.000000e+00	0	0
##	[19113,]	4.624000e+03	4.410000e+02	0	0
##	[19114,]	0.000000e+00	0.000000e+00	0	0
##	[19115,]	0.000000e+00	0.000000e+00	0	0
##	[19116,]	0.000000e+00	0.000000e+00	0	0
##	[19117,]	0.000000e+00	0.000000e+00	0	0
##	[19118,]	0.000000e+00	0.000000e+00	0	0
##	[19119,]	0.000000e+00	0.000000e+00	0	0
##	[19120,]	0.000000e+00	3.600000e+01	0	0
##	[19121,]	0.000000e+00	0.000000e+00	0	0
##	[19122,]	0.000000e+00	4.000000e+00	0	0
##	[19123,]	2.500000e+01	6.760000e+02	0	0
##	[19124,]	0.000000e+00	0.000000e+00	0	0
##	[19125,]	0.000000e+00	0.000000e+00	0	0
##	[19126,]	1.600000e+01	4.000000e+02	0	0
##	[19127,]	0.000000e+00	0.000000e+00	0	0
##	[19128,]	0.000000e+00	0.000000e+00	0	0
##	[19129,]	2.433600e+04	1.281424e+06	0	0
##	[19130,]	0.000000e+00	1.416100e+04	0	0
##	[19131,]	1.440000e+02	6.400000e+03	0	0
##	[19132,]	0.000000e+00	0.000000e+00	0	0
##	[19133,]	0.000000e+00	1.440000e+02	0	0
##	[19134,]	2.560000e+02	7.056000e+03	0	0
##	[19135,]	1.000000e+00	2.500000e+01	0	0
##	[19136,]	0.000000e+00	3.721000e+03	0	0
##	[19137,]	4.489000e+03	1.892250e+05	0	0
##	[19138,]	1.600000e+01	1.024000e+03	0	0
##	[19139,]	0.000000e+00	0.000000e+00	0	0
##	[19140,]	1.000000e+00	2.890000e+02	0	0
##	[19141,]	4.000000e+02	4.120900e+04	0	0
##	[19142,]	0.000000e+00	0.000000e+00	0	0
##	[19143,]	0.000000e+00	4.840000e+02	0	0
##	[19144,]	1.000000e+00	1.210000e+02	0	0
##	[19145,]	0.000000e+00	0.000000e+00	0	0
##	[19146,]	4.000000e+02	3.686400e+04	0	0
##	[19147,]	0.000000e+00	1.690000e+02	0	0
##	[19148,]	0.000000e+00	0.000000e+00	0	0
##	[19149,]	1.600000e+01	1.690000e+02	0	0
##	[19150,]	2.560000e+02	2.624400e+04	0	0
##	[19151,]	0.000000e+00	4.900000e+01	0	0
##	[19152,]	1.000000e+00	4.000000e+00	0	0
##	[19153,]	0.000000e+00	1.600000e+01	0	0
##	[19154,]	2.890000e+02	3.136000e+03	0	0
##	[19155,]	0.000000e+00	0.000000e+00	0	0
##	[19156,]	0.000000e+00	0.000000e+00	0	0
##	[19157,]	0.000000e+00	0.000000e+00	0	0
##	[19158,]	0.000000e+00	0.000000e+00	0	0
##	[19159,]	2.116000e+03	7.840000e+02	0	0
##	[19160,]	0.000000e+00	0.000000e+00	0	0
##	[19161,]	0.000000e+00	0.000000e+00	0	0
##	[19162,]	0.000000e+00	0.000000e+00	0	0

##	[19163,]	0.000000e+00	0.000000e+00	0	0
##	[19164,]	0.000000e+00	1.000000e+00	0	0
##	[19165,]	1.600000e+01	3.610000e+02	0	0
##	[19166,]	0.000000e+00	4.900000e+01	0	0
##	[19167,]	0.000000e+00	0.000000e+00	0	0
##	[19168,]	0.000000e+00	0.000000e+00	0	0
##	[19169,]	0.000000e+00	8.100000e+01	0	0
##	[19170,]	0.000000e+00	0.000000e+00	0	0
##	[19171,]	0.000000e+00	0.000000e+00	0	0
##	[19172,]	3.459600e+04	3.489424e+06	5517801	0
##	[19173,]	1.960000e+02	4.368100e+04	123201	0
##	[19174,]	0.000000e+00	0.000000e+00	0	0
##	[19175,]	0.000000e+00	2.624400e+04	0	0
##	[19176,]	0.000000e+00	0.000000e+00	0	0
##	[19177,]	4.000000e+00	3.600000e+01	1	0
##	[19178,]	0.000000e+00	1.210000e+02	0	0
##	[19179,]	4.410000e+02	9.604000e+03	256	0
##	[19180,]	3.969000e+03	3.794560e+05	68644	0
##	[19181,]	0.000000e+00	6.084000e+03	0	0
##	[19182,]	1.600000e+01	5.625000e+03	5041	0
##	[19183,]	0.000000e+00	0.000000e+00	0	0
##	[19184,]	4.000000e+00	1.681000e+03	1849	0
##	[19185,]	0.000000e+00	1.369000e+03	0	0
##	[19186,]	1.024000e+03	1.274490e+05	71289	0
##	[19187,]	0.000000e+00	0.000000e+00	0	0
##	[19188,]	1.296000e+03	1.383840e+05	416025	0
##	[19189,]	0.000000e+00	6.760000e+02	0	0
##	[19190,]	9.000000e+00	2.025000e+03	8649	0
##	[19191,]	0.000000e+00	0.000000e+00	0	0
##	[19192,]	0.000000e+00	1.000000e+02	0	0
##	[19193,]	0.000000e+00	0.000000e+00	0	0
##	[19194,]	9.000000e+00	8.410000e+02	11025	0
##	[19195,]	6.760000e+02	1.156000e+05	797449	0
##	[19196,]	0.000000e+00	0.000000e+00	0	0
##	[19197,]	0.000000e+00	1.690000e+02	1444	0
##	[19198,]	0.000000e+00	0.000000e+00	0	0
##	[19199,]	6.400000e+01	7.225000e+03	70756	0
##	[19200,]	0.000000e+00	0.000000e+00	0	0
##	[19201,]	0.000000e+00	0.000000e+00	0	0
##	[19202,]	0.000000e+00	0.000000e+00	0	0
##	[19203,]	2.704000e+03	2.916000e+03	0	0
##	[19204,]	0.000000e+00	0.000000e+00	0	0
##	[19205,]	0.000000e+00	0.000000e+00	0	0
##	[19206,]	0.000000e+00	0.000000e+00	0	0
##	[19207,]	0.000000e+00	0.000000e+00	0	0
##	[19208,]	0.000000e+00	3.600000e+01	0	0
##	[19209,]	0.000000e+00	0.000000e+00	0	0
##	[19210,]	4.900000e+01	2.601000e+03	32400	0
##	[19211,]	0.000000e+00	3.600000e+01	441	0
##	[19212,]	0.000000e+00	9.000000e+00	16	0
##	[19213,]	0.000000e+00	0.000000e+00	0	0
##	[19214,]	0.000000e+00	0.000000e+00	0	0
##	[19215,]	0.000000e+00	0.000000e+00	0	0
##	[19216,]	0.000000e+00	4.368100e+04	0	0

##	[19217,]	0.000000e+00	0.000000e+00	0	0
##	[19218,]	1.960000e+02	1.239040e+05	400689	0
##	[19219,]	3.204100e+04	8.964036e+06	26193924	0
##	[19220,]	0.000000e+00	0.000000e+00	0	0
##	[19221,]	1.000000e+00	2.250000e+02	49	0
##	[19222,]	3.240000e+02	2.371600e+04	841	0
##	[19223,]	0.000000e+00	2.890000e+02	0	0
##	[19224,]	0.000000e+00	0.000000e+00	0	0
##	[19225,]	2.500000e+01	1.299600e+04	8281	0
##	[19226,]	3.600000e+03	8.556250e+05	262144	0
##	[19227,]	0.000000e+00	1.123600e+04	0	0
##	[19228,]	0.000000e+00	0.000000e+00	0	0
##	[19229,]	0.000000e+00	2.025000e+03	0	0
##	[19230,]	4.000000e+00	6.241000e+03	6241	0
##	[19231,]	8.410000e+02	2.611210e+05	319225	0
##	[19232,]	0.000000e+00	0.000000e+00	0	0
##	[19233,]	1.296000e+03	4.651240e+05	1874161	0
##	[19234,]	9.000000e+00	5.476000e+03	27225	0
##	[19235,]	0.000000e+00	6.250000e+02	0	0
##	[19236,]	8.410000e+02	3.158440e+05	3786916	0
##	[19237,]	0.000000e+00	2.250000e+02	0	0
##	[19238,]	4.000000e+00	2.916000e+03	45369	0
##	[19239,]	0.000000e+00	0.000000e+00	0	0
##	[19240,]	0.000000e+00	0.000000e+00	0	0
##	[19241,]	4.900000e+01	2.560000e+04	485809	0
##	[19242,]	0.000000e+00	1.000000e+00	0	0
##	[19243,]	1.000000e+00	2.560000e+02	6084	0
##	[19244,]	1.000000e+00	1.000000e+00	0	0
##	[19245,]	2.500000e+03	7.225000e+03	0	0
##	[19246,]	0.000000e+00	0.000000e+00	0	0
##	[19247,]	0.000000e+00	0.000000e+00	0	0
##	[19248,]	0.000000e+00	0.000000e+00	0	0
##	[19249,]	0.000000e+00	0.000000e+00	0	0
##	[19250,]	0.000000e+00	0.000000e+00	0	0
##	[19251,]	0.000000e+00	0.000000e+00	0	0
##	[19252,]	0.000000e+00	1.000000e+00	0	0
##	[19253,]	0.000000e+00	0.000000e+00	0	0
##	[19254,]	0.000000e+00	2.560000e+02	3844	0
##	[19255,]	2.500000e+01	4.761000e+03	136161	0
##	[19256,]	0.000000e+00	0.000000e+00	0	0
##	[19257,]	0.000000e+00	0.000000e+00	0	0
##	[19258,]	0.000000e+00	0.000000e+00	0	0
##	[19259,]	0.000000e+00	0.000000e+00	0	0
##	[19260,]	2.560000e+02	2.143690e+05	1067089	0
##	[19261,]	0.000000e+00	0.000000e+00	0	0
##	[19262,]	0.000000e+00	4.284900e+04	0	0
##	[19263,]	4.840000e+04	2.051184e+07	80532676	0
##	[19264,]	1.000000e+00	3.610000e+02	49	0
##	[19265,]	0.000000e+00	2.250000e+02	0	0
##	[19266,]	4.840000e+02	3.240000e+04	1600	0
##	[19267,]	0.000000e+00	0.000000e+00	0	0
##	[19268,]	0.000000e+00	9.409000e+03	0	0
##	[19269,]	3.600000e+01	2.102500e+04	14400	0
##	[19270,]	0.000000e+00	0.000000e+00	0	0

##	[19271,]	5.184000e+03	1.912689e+06	448900	0
##	[19272,]	1.600000e+03	6.037290e+05	683929	0
##	[19273,]	0.000000e+00	0.000000e+00	0	0
##	[19274,]	2.500000e+01	7.744000e+03	11025	0
##	[19275,]	0.000000e+00	2.209000e+03	0	0
##	[19276,]	1.936000e+03	9.880360e+05	6477025	0
##	[19277,]	0.000000e+00	0.000000e+00	0	0
##	[19278,]	9.000000e+00	1.368900e+04	84100	0
##	[19279,]	0.000000e+00	6.760000e+02	0	0
##	[19280,]	8.410000e+02	7.744000e+05	13046544	0
##	[19281,]	0.000000e+00	4.624000e+03	137641	0
##	[19282,]	0.000000e+00	0.000000e+00	0	0
##	[19283,]	0.000000e+00	2.560000e+02	0	0
##	[19284,]	1.690000e+02	9.922500e+04	1638400	0
##	[19285,]	0.000000e+00	3.600000e+01	0	0
##	[19286,]	0.000000e+00	0.000000e+00	0	0
##	[19287,]	1.000000e+00	6.760000e+02	19600	0
##	[19288,]	4.000000e+00	0.000000e+00	0	0
##	[19289,]	0.000000e+00	0.000000e+00	0	0
##	[19290,]	0.000000e+00	0.000000e+00	0	0
##	[19291,]	1.936000e+03	8.464000e+03	0	0
##	[19292,]	0.000000e+00	0.000000e+00	0	0
##	[19293,]	0.000000e+00	0.000000e+00	0	0
##	[19294,]	0.000000e+00	0.000000e+00	0	0
##	[19295,]	0.000000e+00	0.000000e+00	0	0
##	[19296,]	0.000000e+00	1.210000e+02	6561	0
##	[19297,]	1.600000e+01	1.210000e+04	248004	0
##	[19298,]	0.000000e+00	0.000000e+00	0	0
##	[19299,]	0.000000e+00	2.500000e+01	0	0
##	[19300,]	0.000000e+00	0.000000e+00	4	0
##	[19301,]	0.000000e+00	0.000000e+00	0	0
##	[19302,]	0.000000e+00	1.600000e+01	144	0
##	[19303,]	0.000000e+00	0.000000e+00	0	0
##	[19304,]	0.000000e+00	0.000000e+00	0	0
##	[19305,]	6.812100e+04	2.375588e+07	94809169	0
##	[19306,]	0.000000e+00	5.152900e+04	0	0
##	[19307,]	1.960000e+02	2.766760e+05	1245456	0
##	[19308,]	3.240000e+02	3.763600e+04	3969	0
##	[19309,]	0.000000e+00	0.000000e+00	0	0
##	[19310,]	0.000000e+00	3.600000e+01	0	0
##	[19311,]	1.000000e+00	2.560000e+02	36	0
##	[19312,]	0.000000e+00	1.276900e+04	0	0
##	[19313,]	0.000000e+00	0.000000e+00	0	0
##	[19314,]	2.500000e+01	2.280100e+04	11236	0
##	[19315,]	7.056000e+03	2.247001e+06	606841	0
##	[19316,]	2.304000e+03	6.480250e+05	688900	0
##	[19317,]	0.000000e+00	3.721000e+03	0	0
##	[19318,]	0.000000e+00	0.000000e+00	0	0
##	[19319,]	2.500000e+01	8.464000e+03	15129	0
##	[19320,]	0.000000e+00	0.000000e+00	0	0
##	[19321,]	1.600000e+03	1.104601e+06	6859161	0
##	[19322,]	0.000000e+00	1.296000e+03	0	0
##	[19323,]	1.000000e+00	1.849600e+04	105625	0
##	[19324,]	0.000000e+00	0.000000e+00	0	0

##	[19325,]	2.304000e+03	9.428410e+05	16048036	0
##	[19326,]	1.000000e+00	9.409000e+03	170569	0
##	[19327,]	0.000000e+00	1.000000e+02	0	0
##	[19328,]	0.000000e+00	0.000000e+00	0	0
##	[19329,]	0.000000e+00	1.000000e+00	0	0
##	[19330,]	1.000000e+00	1.156000e+03	20449	0
##	[19331,]	5.290000e+02	1.253160e+05	2073600	0
##	[19332,]	0.000000e+00	0.000000e+00	0	0
##	[19333,]	4.489000e+03	1.188100e+04	0	0
##	[19334,]	0.000000e+00	0.000000e+00	0	0
##	[19335,]	1.000000e+00	0.000000e+00	0	0
##	[19336,]	0.000000e+00	0.000000e+00	0	0
##	[19337,]	0.000000e+00	0.000000e+00	0	0
##	[19338,]	0.000000e+00	0.000000e+00	0	0
##	[19339,]	0.000000e+00	0.000000e+00	0	0
##	[19340,]	9.000000e+00	1.345600e+04	168100	0
##	[19341,]	0.000000e+00	3.600000e+01	0	0
##	[19342,]	0.000000e+00	0.000000e+00	0	0
##	[19343,]	0.000000e+00	2.250000e+02	3721	0
##	[19344,]	0.000000e+00	0.000000e+00	0	0
##	[19345,]	0.000000e+00	0.000000e+00	0	0
##	[19346,]	0.000000e+00	0.000000e+00	1	0
##	[19347,]	0.000000e+00	2.560000e+02	6084	0
##	[19348,]	1.505440e+05	2.005248e+07	72607441	0
##	[19349,]	4.840000e+02	2.265760e+05	1104601	0
##	[19350,]	0.000000e+00	1.069290e+05	0	0
##	[19351,]	0.000000e+00	0.000000e+00	0	0
##	[19352,]	0.000000e+00	7.840000e+02	0	0
##	[19353,]	0.000000e+00	0.000000e+00	0	0
##	[19354,]	1.000000e+00	2.560000e+02	4	0
##	[19355,]	9.610000e+02	5.856400e+04	1764	0
##	[19356,]	0.000000e+00	0.000000e+00	0	0
##	[19357,]	3.600000e+01	2.788900e+04	18769	0
##	[19358,]	0.000000e+00	2.958400e+04	0	0
##	[19359,]	1.638400e+04	2.157961e+06	564001	0
##	[19360,]	9.000000e+00	7.396000e+03	9604	0
##	[19361,]	0.000000e+00	3.136000e+03	0	0
##	[19362,]	6.724000e+03	5.565160e+05	672400	0
##	[19363,]	0.000000e+00	0.000000e+00	0	0
##	[19364,]	0.000000e+00	2.304000e+03	0	0
##	[19365,]	4.356000e+03	9.082090e+05	5764801	0
##	[19366,]	0.000000e+00	0.000000e+00	0	0
##	[19367,]	2.500000e+01	1.144900e+04	91204	0
##	[19368,]	0.000000e+00	4.000000e+02	0	0
##	[19369,]	3.969000e+03	6.052840e+05	11404129	0
##	[19370,]	0.000000e+00	0.000000e+00	0	0
##	[19371,]	4.000000e+00	5.329000e+03	152881	0
##	[19372,]	0.000000e+00	9.000000e+00	0	0
##	[19373,]	3.240000e+02	8.410000e+04	1276900	0
##	[19374,]	0.000000e+00	0.000000e+00	0	0
##	[19375,]	2.500000e+01	7.290000e+02	14641	0
##	[19376,]	0.000000e+00	0.000000e+00	0	0
##	[19377,]	7.225000e+03	6.241000e+03	0	0
##	[19378,]	0.000000e+00	0.000000e+00	0	0

##	[19379,]	1.000000e+00	4.000000e+00	0	0
##	[19380,]	0.000000e+00	0.000000e+00	0	0
##	[19381,]	0.000000e+00	0.000000e+00	0	0
##	[19382,]	0.000000e+00	0.000000e+00	0	0
##	[19383,]	0.000000e+00	0.000000e+00	0	0
##	[19384,]	0.000000e+00	2.500000e+01	0	0
##	[19385,]	8.100000e+01	1.020100e+04	131044	0
##	[19386,]	1.000000e+00	6.250000e+02	3025	0
##	[19387,]	0.000000e+00	0.000000e+00	0	0
##	[19388,]	0.000000e+00	0.000000e+00	0	0
##	[19389,]	4.000000e+00	6.760000e+02	2025	0
##	[19390,]	0.000000e+00	0.000000e+00	0	0
##	[19391,]	0.000000e+00	0.000000e+00	0	0
##	[19392,]	2.079360e+05	1.873158e+07	48734361	0
##	[19393,]	0.000000e+00	7.617600e+04	0	0
##	[19394,]	3.610000e+02	1.082410e+05	241081	0
##	[19395,]	0.000000e+00	0.000000e+00	0	0
##	[19396,]	9.610000e+02	6.150400e+04	1764	0
##	[19397,]	0.000000e+00	8.410000e+02	0	0
##	[19398,]	4.000000e+00	1.960000e+02	16	0
##	[19399,]	0.000000e+00	0.000000e+00	0	0
##	[19400,]	0.000000e+00	2.160900e+04	0	0
##	[19401,]	2.044900e+04	2.277081e+06	499849	0
##	[19402,]	3.600000e+01	2.102500e+04	4356	0
##	[19403,]	0.000000e+00	0.000000e+00	0	0
##	[19404,]	0.000000e+00	0.000000e+00	0	0
##	[19405,]	0.000000e+00	3.481000e+03	0	0
##	[19406,]	9.000000e+00	5.041000e+03	1764	0
##	[19407,]	5.929000e+03	5.041000e+05	436921	0
##	[19408,]	7.569000e+03	6.872410e+05	3538161	0
##	[19409,]	0.000000e+00	0.000000e+00	0	0
##	[19410,]	4.000000e+00	1.521000e+03	17424	0
##	[19411,]	0.000000e+00	6.250000e+02	0	0
##	[19412,]	6.561000e+03	5.685160e+05	7639696	0
##	[19413,]	0.000000e+00	1.690000e+02	0	0
##	[19414,]	0.000000e+00	0.000000e+00	0	0
##	[19415,]	1.600000e+01	1.936000e+03	34969	0
##	[19416,]	0.000000e+00	9.000000e+00	0	0
##	[19417,]	0.000000e+00	0.000000e+00	0	0
##	[19418,]	1.369000e+03	7.728400e+04	857476	0
##	[19419,]	4.000000e+00	2.560000e+02	3600	0
##	[19420,]	1.322500e+04	1.102500e+04	0	0
##	[19421,]	4.000000e+00	0.000000e+00	0	0
##	[19422,]	0.000000e+00	0.000000e+00	0	0
##	[19423,]	0.000000e+00	0.000000e+00	0	0
##	[19424,]	0.000000e+00	0.000000e+00	0	0
##	[19425,]	0.000000e+00	0.000000e+00	0	0
##	[19426,]	0.000000e+00	0.000000e+00	0	0
##	[19427,]	0.000000e+00	0.000000e+00	0	0
##	[19428,]	0.000000e+00	9.000000e+00	0	0
##	[19429,]	0.000000e+00	9.000000e+00	361	0
##	[19430,]	0.000000e+00	0.000000e+00	0	0
##	[19431,]	1.440000e+02	8.649000e+03	97344	0
##	[19432,]	0.000000e+00	0.000000e+00	0	0

##	[19433,]	0.000000e+00	0.000000e+00	1	0
##	[19434,]	0.000000e+00	1.210000e+02	12769	0
##	[19435,]	0.000000e+00	0.000000e+00	0	0
##	[19436,]	2.560000e+02	1.017610e+05	244036	0
##	[19437,]	0.000000e+00	0.000000e+00	0	0
##	[19438,]	0.000000e+00	5.522500e+04	0	0
##	[19439,]	3.398890e+05	1.933361e+07	34456900	0
##	[19440,]	0.000000e+00	2.890000e+02	0	0
##	[19441,]	1.000000e+00	3.240000e+02	1	0
##	[19442,]	1.296000e+03	6.864400e+04	784	0
##	[19443,]	0.000000e+00	0.000000e+00	0	0
##	[19444,]	0.000000e+00	0.000000e+00	0	0
##	[19445,]	0.000000e+00	1.464100e+04	0	0
##	[19446,]	4.900000e+01	1.638400e+04	3481	0
##	[19447,]	3.802500e+04	2.647129e+06	287296	0
##	[19448,]	0.000000e+00	0.000000e+00	0	0
##	[19449,]	8.649000e+03	5.446440e+05	329476	0
##	[19450,]	0.000000e+00	2.209000e+03	0	0
##	[19451,]	1.000000e+00	2.209000e+03	3481	0
##	[19452,]	1.299600e+04	6.496360e+05	2550409	0
##	[19453,]	0.000000e+00	1.225000e+03	0	0
##	[19454,]	4.000000e+00	3.025000e+03	17424	0
##	[19455,]	0.000000e+00	0.000000e+00	0	0
##	[19456,]	0.000000e+00	1.690000e+02	0	0
##	[19457,]	1.081600e+04	4.788640e+05	5212089	0
##	[19458,]	2.500000e+01	2.704000e+03	31684	0
##	[19459,]	0.000000e+00	0.000000e+00	0	0
##	[19460,]	0.000000e+00	4.000000e+00	0	0
##	[19461,]	0.000000e+00	0.000000e+00	0	0
##	[19462,]	1.681000e+03	7.398400e+04	725904	0
##	[19463,]	0.000000e+00	3.610000e+02	4225	0
##	[19464,]	1.000000e+00	1.000000e+00	0	0
##	[19465,]	1.488400e+04	7.396000e+03	0	0
##	[19466,]	0.000000e+00	0.000000e+00	0	0
##	[19467,]	0.000000e+00	0.000000e+00	0	0
##	[19468,]	0.000000e+00	0.000000e+00	0	0
##	[19469,]	0.000000e+00	0.000000e+00	0	0
##	[19470,]	0.000000e+00	0.000000e+00	0	0
##	[19471,]	0.000000e+00	0.000000e+00	0	0
##	[19472,]	0.000000e+00	2.560000e+02	729	0
##	[19473,]	0.000000e+00	2.500000e+01	0	0
##	[19474,]	0.000000e+00	0.000000e+00	0	0
##	[19475,]	1.210000e+02	8.100000e+03	42025	0
##	[19476,]	0.000000e+00	0.000000e+00	0	0
##	[19477,]	1.600000e+01	3.240000e+02	361	0
##	[19478,]	0.000000e+00	0.000000e+00	1	0
##	[19479,]	0.000000e+00	0.000000e+00	0	0
##	[19480,]	4.410000e+02	9.424900e+04	149769	0
##	[19481,]	0.000000e+00	7.236100e+04	0	0
##	[19482,]	2.672890e+05	1.085044e+07	17497489	0
##	[19483,]	0.000000e+00	0.000000e+00	0	0
##	[19484,]	0.000000e+00	0.000000e+00	0	0
##	[19485,]	4.000000e+00	4.840000e+02	1	0
##	[19486,]	0.000000e+00	6.760000e+02	0	0

##	[19487,]	1.849000e+03	4.161600e+04	289	0
##	[19488,]	3.348900e+04	1.565001e+06	192721	0
##	[19489,]	3.600000e+01	1.716100e+04	2304	0
##	[19490,]	0.000000e+00	1.368900e+04	0	0
##	[19491,]	0.000000e+00	0.000000e+00	0	0
##	[19492,]	9.000000e+00	2.704000e+03	2025	0
##	[19493,]	5.476000e+03	3.147210e+05	166464	0
##	[19494,]	0.000000e+00	4.489000e+03	0	0
##	[19495,]	0.000000e+00	0.000000e+00	0	0
##	[19496,]	9.000000e+00	3.136000e+03	10404	0
##	[19497,]	0.000000e+00	0.000000e+00	0	0
##	[19498,]	0.000000e+00	9.610000e+02	0	0
##	[19499,]	8.464000e+03	3.237610e+05	1183744	0
##	[19500,]	0.000000e+00	6.250000e+02	0	0
##	[19501,]	0.000000e+00	0.000000e+00	0	0
##	[19502,]	8.649000e+03	2.745760e+05	2637376	0
##	[19503,]	9.000000e+00	1.225000e+03	19321	0
##	[19504,]	1.024000e+03	3.422500e+04	368449	0
##	[19505,]	1.600000e+01	1.210000e+02	2704	0
##	[19506,]	0.000000e+00	0.000000e+00	0	0
##	[19507,]	0.000000e+00	9.000000e+00	0	0
##	[19508,]	8.836000e+03	4.624000e+03	0	0
##	[19509,]	0.000000e+00	0.000000e+00	0	0
##	[19510,]	0.000000e+00	0.000000e+00	0	0
##	[19511,]	0.000000e+00	0.000000e+00	0	0
##	[19512,]	0.000000e+00	0.000000e+00	0	0
##	[19513,]	0.000000e+00	0.000000e+00	0	0
##	[19514,]	0.000000e+00	0.000000e+00	0	0
##	[19515,]	0.000000e+00	0.000000e+00	0	0
##	[19516,]	1.440000e+02	3.600000e+03	11236	0
##	[19517,]	0.000000e+00	0.000000e+00	0	0
##	[19518,]	0.000000e+00	2.500000e+01	0	0
##	[19519,]	1.000000e+00	1.000000e+02	225	0
##	[19520,]	0.000000e+00	1.000000e+00	16	0
##	[19521,]	0.000000e+00	0.000000e+00	0	0
##	[19522,]	0.000000e+00	0.000000e+00	0	0
##	[19523,]	0.000000e+00	0.000000e+00	0	0
##	[19524,]	0.000000e+00	0.000000e+00	0	0
##	[19525,]	2.332890e+05	8.156736e+06	12327121	0
##	[19526,]	2.250000e+02	4.796100e+04	96100	0
##	[19527,]	0.000000e+00	3.724900e+04	0	0
##	[19528,]	3.721000e+03	3.422500e+04	841	0
##	[19529,]	0.000000e+00	2.890000e+02	0	0
##	[19530,]	1.000000e+00	1.690000e+02	36	0
##	[19531,]	0.000000e+00	0.000000e+00	0	0
##	[19532,]	2.924100e+04	1.073296e+06	155236	0
##	[19533,]	2.500000e+01	9.604000e+03	2500	0
##	[19534,]	0.000000e+00	7.225000e+03	0	0
##	[19535,]	0.000000e+00	0.000000e+00	0	0
##	[19536,]	0.000000e+00	0.000000e+00	0	0
##	[19537,]	0.000000e+00	1.936000e+03	0	0
##	[19538,]	3.600000e+01	2.116000e+03	1444	0
##	[19539,]	4.489000e+03	2.490010e+05	131044	0
##	[19540,]	4.000000e+00	1.089000e+03	4761	0

##	[19541,]	7.225000e+03	2.652250e+05	853776	0
##	[19542,]	0.000000e+00	9.000000e+02	0	0
##	[19543,]	0.000000e+00	0.000000e+00	0	0
##	[19544,]	5.776000e+03	1.857610e+05	1671849	0
##	[19545,]	0.000000e+00	0.000000e+00	0	0
##	[19546,]	1.000000e+00	4.000000e+02	9801	0
##	[19547,]	0.000000e+00	1.690000e+02	0	0
##	[19548,]	0.000000e+00	0.000000e+00	0	0
##	[19549,]	5.290000e+02	3.610000e+04	259081	0
##	[19550,]	0.000000e+00	8.100000e+01	2304	0
##	[19551,]	0.000000e+00	1.600000e+01	0	0
##	[19552,]	0.000000e+00	0.000000e+00	0	0
##	[19553,]	9.025000e+03	3.721000e+03	0	0
##	[19554,]	4.000000e+00	0.000000e+00	0	0
##	[19555,]	0.000000e+00	0.000000e+00	0	0
##	[19556,]	0.000000e+00	0.000000e+00	0	0
##	[19557,]	0.000000e+00	0.000000e+00	0	0
##	[19558,]	0.000000e+00	0.000000e+00	0	0
##	[19559,]	0.000000e+00	0.000000e+00	0	0
##	[19560,]	0.000000e+00	0.000000e+00	0	0
##	[19561,]	1.210000e+02	3.481000e+03	9801	0
##	[19562,]	0.000000e+00	9.000000e+00	25	0
##	[19563,]	0.000000e+00	8.100000e+01	0	0
##	[19564,]	0.000000e+00	2.500000e+01	289	0
##	[19565,]	0.000000e+00	0.000000e+00	0	0
##	[19566,]	0.000000e+00	0.000000e+00	0	0
##	[19567,]	9.000000e+00	2.209000e+03	1849	0
##	[19568,]	0.000000e+00	2.560000e+04	0	0
##	[19569,]	1.440000e+02	3.312400e+04	21904	0
##	[19570,]	0.000000e+00	0.000000e+00	0	0
##	[19571,]	1.722250e+05	4.700224e+06	5103081	0
##	[19572,]	0.000000e+00	2.560000e+02	0	0
##	[19573,]	1.000000e+00	2.250000e+02	1	0
##	[19574,]	0.000000e+00	0.000000e+00	0	0
##	[19575,]	2.304000e+03	1.368900e+04	324	0
##	[19576,]	0.000000e+00	5.041000e+03	0	0
##	[19577,]	0.000000e+00	0.000000e+00	0	0
##	[19578,]	2.500000e+01	8.281000e+03	361	0
##	[19579,]	2.250000e+04	7.885440e+05	98596	0
##	[19580,]	0.000000e+00	1.521000e+03	0	0
##	[19581,]	0.000000e+00	0.000000e+00	0	0
##	[19582,]	4.000000e+00	7.840000e+02	625	0
##	[19583,]	3.025000e+03	1.253160e+05	68121	0
##	[19584,]	0.000000e+00	0.000000e+00	0	0
##	[19585,]	0.000000e+00	5.290000e+02	0	0
##	[19586,]	5.329000e+03	1.310440e+05	355216	0
##	[19587,]	1.000000e+00	6.760000e+02	1764	0
##	[19588,]	0.000000e+00	0.000000e+00	0	0
##	[19589,]	4.900000e+03	1.011240e+05	641601	0
##	[19590,]	0.000000e+00	8.100000e+01	0	0
##	[19591,]	9.000000e+00	2.560000e+02	2116	0
##	[19592,]	0.000000e+00	4.000000e+00	0	0
##	[19593,]	0.000000e+00	0.000000e+00	0	0
##	[19594,]	3.610000e+02	1.664100e+04	72361	0

##	[19595,]	0.000000e+00	3.600000e+01	225	0
##	[19596,]	0.000000e+00	0.000000e+00	0	0
##	[19597,]	9.801000e+03	3.721000e+03	0	0
##	[19598,]	0.000000e+00	0.000000e+00	0	0
##	[19599,]	1.000000e+00	0.000000e+00	0	0
##	[19600,]	0.000000e+00	0.000000e+00	0	0
##	[19601,]	0.000000e+00	0.000000e+00	0	0
##	[19602,]	0.000000e+00	0.000000e+00	0	0
##	[19603,]	0.000000e+00	0.000000e+00	0	0
##	[19604,]	0.000000e+00	1.210000e+02	25	0
##	[19605,]	2.500000e+01	2.500000e+03	7225	0
##	[19606,]	0.000000e+00	1.600000e+01	0	0
##	[19607,]	0.000000e+00	0.000000e+00	0	0
##	[19608,]	0.000000e+00	0.000000e+00	0	0
##	[19609,]	0.000000e+00	0.000000e+00	0	0
##	[19610,]	0.000000e+00	0.000000e+00	0	0
##	[19611,]	0.000000e+00	1.210000e+02	1	0
##	[19612,]	1.024000e+03	1.276900e+04	20736	0
##	[19613,]	0.000000e+00	8.464000e+03	0	0
##	[19614,]	0.000000e+00	0.000000e+00	0	0
##	[19615,]	1.246090e+05	2.289169e+06	2160900	0
##	[19616,]	6.250000e+02	1.102500e+04	361	0
##	[19617,]	0.000000e+00	0.000000e+00	0	0
##	[19618,]	0.000000e+00	2.500000e+01	0	0
##	[19619,]	4.900000e+01	2.500000e+01	1	0
##	[19620,]	1.795600e+04	3.600000e+05	47524	0
##	[19621,]	0.000000e+00	2.304000e+03	0	0
##	[19622,]	0.000000e+00	0.000000e+00	0	0
##	[19623,]	1.210000e+02	2.209000e+03	576	0
##	[19624,]	0.000000e+00	0.000000e+00	0	0
##	[19625,]	2.500000e+03	6.250000e+04	40401	0
##	[19626,]	0.000000e+00	4.840000e+02	0	0
##	[19627,]	3.600000e+01	4.000000e+02	121	0
##	[19628,]	2.116000e+03	7.290000e+04	141376	0
##	[19629,]	0.000000e+00	6.400000e+01	0	0
##	[19630,]	9.000000e+00	3.610000e+02	841	0
##	[19631,]	0.000000e+00	0.000000e+00	0	0
##	[19632,]	5.776000e+03	4.000000e+04	251001	0
##	[19633,]	0.000000e+00	0.000000e+00	0	0
##	[19634,]	9.000000e+00	1.440000e+02	2500	0
##	[19635,]	0.000000e+00	3.600000e+01	0	0
##	[19636,]	4.000000e+00	1.000000e+02	841	0
##	[19637,]	4.840000e+02	7.744000e+03	24025	0
##	[19638,]	0.000000e+00	9.000000e+00	0	0
##	[19639,]	0.000000e+00	0.000000e+00	0	0
##	[19640,]	0.000000e+00	0.000000e+00	0	0
##	[19641,]	1.000000e+00	0.000000e+00	0	0
##	[19642,]	4.900000e+03	9.610000e+02	0	0
##	[19643,]	0.000000e+00	0.000000e+00	0	0
##	[19644,]	0.000000e+00	0.000000e+00	0	0
##	[19645,]	0.000000e+00	0.000000e+00	0	0
##	[19646,]	0.000000e+00	0.000000e+00	0	0
##	[19647,]	0.000000e+00	0.000000e+00	0	0
##	[19648,]	0.000000e+00	1.000000e+00	49	0

##	[19649,]	0.000000e+00	0.000000e+00	0	0
##	[19650,]	0.000000e+00	0.000000e+00	0	0
##	[19651,]	8.100000e+01	7.840000e+02	2500	0
##	[19652,]	0.000000e+00	0.000000e+00	0	0
##	[19653,]	0.000000e+00	0.000000e+00	0	0
##	[19654,]	0.000000e+00	8.100000e+01	49	0
##	[19655,]	0.000000e+00	0.000000e+00	0	0
##	[19656,]	0.000000e+00	3.600000e+03	0	0
##	[19657,]	2.890000e+02	2.209000e+03	14641	0
##	[19658,]	1.043290e+05	2.808976e+06	9591409	0
##	[19659,]	0.000000e+00	0.000000e+00	0	0
##	[19660,]	1.000000e+00	1.000000e+00	4	0
##	[19661,]	1.156000e+03	1.254400e+04	729	0
##	[19662,]	0.000000e+00	4.000000e+00	0	0
##	[19663,]	0.000000e+00	0.000000e+00	0	0
##	[19664,]	0.000000e+00	1.024000e+03	0	0
##	[19665,]	1.512900e+04	3.893760e+05	267289	0
##	[19666,]	9.000000e+00	3.240000e+02	441	0
##	[19667,]	0.000000e+00	0.000000e+00	0	0
##	[19668,]	0.000000e+00	1.690000e+02	0	0
##	[19669,]	0.000000e+00	0.000000e+00	0	0
##	[19670,]	4.000000e+00	1.210000e+02	144	0
##	[19671,]	1.936000e+03	8.410000e+04	178084	0
##	[19672,]	0.000000e+00	1.210000e+02	0	0
##	[19673,]	0.000000e+00	0.000000e+00	0	0
##	[19674,]	2.601000e+03	9.241600e+04	670761	0
##	[19675,]	2.500000e+01	3.600000e+01	2209	0
##	[19676,]	0.000000e+00	0.000000e+00	0	0
##	[19677,]	2.704000e+03	6.150400e+04	877969	0
##	[19678,]	9.000000e+00	8.100000e+01	1089	0
##	[19679,]	0.000000e+00	1.000000e+00	0	0
##	[19680,]	9.000000e+00	4.000000e+00	36	0
##	[19681,]	0.000000e+00	0.000000e+00	0	0
##	[19682,]	3.610000e+02	9.604000e+03	140625	0
##	[19683,]	0.000000e+00	1.000000e+00	0	0
##	[19684,]	3.600000e+03	3.249000e+03	16	0
##	[19685,]	0.000000e+00	0.000000e+00	0	0
##	[19686,]	0.000000e+00	0.000000e+00	0	0
##	[19687,]	1.000000e+00	4.000000e+00	0	0
##	[19688,]	0.000000e+00	0.000000e+00	0	0
##	[19689,]	0.000000e+00	0.000000e+00	0	0
##	[19690,]	0.000000e+00	0.000000e+00	0	0
##	[19691,]	0.000000e+00	0.000000e+00	0	0
##	[19692,]	0.000000e+00	0.000000e+00	25	0
##	[19693,]	1.600000e+01	2.209000e+03	48841	0
##	[19694,]	0.000000e+00	0.000000e+00	0	0
##	[19695,]	0.000000e+00	0.000000e+00	0	0
##	[19696,]	1.000000e+00	0.000000e+00	0	0
##	[19697,]	0.000000e+00	0.000000e+00	0	0
##	[19698,]	0.000000e+00	0.000000e+00	0	0
##	[19699,]	0.000000e+00	0.000000e+00	0	0
##	[19700,]	1.690000e+02	5.776000e+03	15129	0
##	[19701,]	0.000000e+00	0.000000e+00	0	0
##	[19702,]	4.665600e+04	2.585664e+06	10484644	0

##	[19703,]	0.000000e+00	0.000000e+00	0	0
##	[19704,]	0.000000e+00	0.000000e+00	0	0
##	[19705,]	0.000000e+00	9.000000e+00	1	0
##	[19706,]	4.840000e+02	5.625000e+03	324	0
##	[19707,]	0.000000e+00	0.000000e+00	0	0
##	[19708,]	1.600000e+01	5.290000e+02	784	0
##	[19709,]	0.000000e+00	0.000000e+00	0	0
##	[19710,]	0.000000e+00	0.000000e+00	0	0
##	[19711,]	7.056000e+03	4.006890e+05	205209	0
##	[19712,]	9.000000e+00	6.400000e+01	625	0
##	[19713,]	0.000000e+00	0.000000e+00	0	0
##	[19714,]	1.764000e+03	8.410000e+04	229441	0
##	[19715,]	0.000000e+00	0.000000e+00	0	0
##	[19716,]	4.000000e+00	3.610000e+02	784	0
##	[19717,]	0.000000e+00	0.000000e+00	0	0
##	[19718,]	0.000000e+00	0.000000e+00	0	0
##	[19719,]	1.024000e+03	8.410000e+04	799236	0
##	[19720,]	9.000000e+00	1.210000e+02	841	0
##	[19721,]	0.000000e+00	0.000000e+00	0	0
##	[19722,]	0.000000e+00	0.000000e+00	0	0
##	[19723,]	4.840000e+02	6.200100e+04	1121481	0
##	[19724,]	0.000000e+00	0.000000e+00	0	0
##	[19725,]	0.000000e+00	0.000000e+00	0	0
##	[19726,]	1.000000e+00	1.440000e+02	144	0
##	[19727,]	1.960000e+02	5.041000e+03	112225	0
##	[19728,]	0.000000e+00	0.000000e+00	0	0
##	[19729,]	0.000000e+00	0.000000e+00	0	0
##	[19730,]	0.000000e+00	1.000000e+00	0	0
##	[19731,]	2.601000e+03	9.610000e+02	16	0
##	[19732,]	0.000000e+00	0.000000e+00	0	0
##	[19733,]	0.000000e+00	0.000000e+00	0	0
##	[19734,]	0.000000e+00	0.000000e+00	0	0
##	[19735,]	0.000000e+00	0.000000e+00	0	0
##	[19736,]	1.600000e+01	8.649000e+03	90000	0
##	[19737,]	0.000000e+00	0.000000e+00	0	0
##	[19738,]	0.000000e+00	0.000000e+00	0	0
##	[19739,]	0.000000e+00	1.000000e+00	576	0
##	[19740,]	0.000000e+00	4.900000e+01	4356	0
##	[19741,]	0.000000e+00	6.400000e+01	16	0
##	[19742,]	0.000000e+00	0.000000e+00	0	0
##	[19743,]	0.000000e+00	0.000000e+00	0	0
##	[19744,]	0.000000e+00	0.000000e+00	0	0
##	[19745,]	0.000000e+00	0.000000e+00	0	0
##	[19746,]	3.534400e+04	4.605316e+06	22857961	0
##	[19747,]	1.690000e+02	1.020100e+04	100489	0
##	[19748,]	0.000000e+00	0.000000e+00	0	0
##	[19749,]	2.560000e+02	9.216000e+03	2916	0
##	[19750,]	0.000000e+00	0.000000e+00	0	0
##	[19751,]	1.000000e+00	1.600000e+01	16	0
##	[19752,]	0.000000e+00	0.000000e+00	0	0
##	[19753,]	0.000000e+00	0.000000e+00	0	0
##	[19754,]	3.600000e+01	9.000000e+02	3136	0
##	[19755,]	4.096000e+03	4.970250e+05	348100	0
##	[19756,]	0.000000e+00	0.000000e+00	0	0

##	[19757,]	4.000000e+00	2.890000e+02	1849	0
##	[19758,]	1.444000e+03	1.513210e+05	394384	0
##	[19759,]	0.000000e+00	0.000000e+00	0	0
##	[19760,]	0.000000e+00	0.000000e+00	0	0
##	[19761,]	1.000000e+00	7.840000e+02	10609	0
##	[19762,]	1.024000e+03	2.116000e+05	1798281	0
##	[19763,]	0.000000e+00	0.000000e+00	0	0
##	[19764,]	4.000000e+00	4.000000e+02	7396	0
##	[19765,]	0.000000e+00	0.000000e+00	0	0
##	[19766,]	0.000000e+00	0.000000e+00	0	0
##	[19767,]	7.840000e+02	1.398760e+05	2696164	0
##	[19768,]	1.000000e+02	1.488400e+04	276676	0
##	[19769,]	0.000000e+00	0.000000e+00	0	0
##	[19770,]	0.000000e+00	0.000000e+00	0	0
##	[19771,]	1.000000e+00	4.000000e+00	625	0
##	[19772,]	0.000000e+00	0.000000e+00	0	0
##	[19773,]	0.000000e+00	0.000000e+00	0	0
##	[19774,]	6.250000e+02	1.296000e+03	9	0
##	[19775,]	1.000000e+00	0.000000e+00	0	0
##	[19776,]	0.000000e+00	0.000000e+00	0	0
##	[19777,]	0.000000e+00	0.000000e+00	0	0
##	[19778,]	0.000000e+00	0.000000e+00	0	0
##	[19779,]	0.000000e+00	0.000000e+00	0	0
##	[19780,]	0.000000e+00	0.000000e+00	0	0
##	[19781,]	1.600000e+01	3.025000e+03	113569	0
##	[19782,]	0.000000e+00	1.690000e+02	1369	0
##	[19783,]	0.000000e+00	0.000000e+00	0	0
##	[19784,]	8.100000e+01	1.764000e+03	144	0
##	[19785,]	0.000000e+00	0.000000e+00	0	0
##	[19786,]	0.000000e+00	0.000000e+00	0	0
##	[19787,]	0.000000e+00	0.000000e+00	0	0
##	[19788,]	2.160900e+04	3.370896e+06	23059204	0
##	[19789,]	0.000000e+00	0.000000e+00	0	0
##	[19790,]	3.600000e+01	9.604000e+03	133225	0
##	[19791,]	0.000000e+00	0.000000e+00	0	0
##	[19792,]	1.000000e+02	3.969000e+03	729	0
##	[19793,]	0.000000e+00	0.000000e+00	0	0
##	[19794,]	0.000000e+00	0.000000e+00	0	0
##	[19795,]	0.000000e+00	1.000000e+00	4	0
##	[19796,]	9.000000e+00	8.410000e+02	4900	0
##	[19797,]	4.624000e+03	3.769960e+05	364816	0
##	[19798,]	0.000000e+00	0.000000e+00	0	0
##	[19799,]	0.000000e+00	0.000000e+00	0	0
##	[19800,]	4.000000e+00	6.760000e+02	3136	0
##	[19801,]	0.000000e+00	0.000000e+00	0	0
##	[19802,]	0.000000e+00	0.000000e+00	0	0
##	[19803,]	6.250000e+02	8.526400e+04	423801	0
##	[19804,]	1.000000e+00	4.000000e+02	9801	0
##	[19805,]	0.000000e+00	0.000000e+00	0	0
##	[19806,]	0.000000e+00	0.000000e+00	0	0
##	[19807,]	3.610000e+02	1.521000e+05	1784896	0
##	[19808,]	0.000000e+00	0.000000e+00	0	0
##	[19809,]	0.000000e+00	4.000000e+02	11025	0
##	[19810,]	0.000000e+00	0.000000e+00	0	0

##	[19811,]	3.610000e+02	1.288810e+05	2729104	0
##	[19812,]	0.000000e+00	4.000000e+00	1089	0
##	[19813,]	0.000000e+00	0.000000e+00	0	0
##	[19814,]	3.600000e+01	1.392400e+04	283024	0
##	[19815,]	0.000000e+00	0.000000e+00	0	0
##	[19816,]	0.000000e+00	0.000000e+00	0	0
##	[19817,]	0.000000e+00	0.000000e+00	0	0
##	[19818,]	4.840000e+02	2.116000e+03	64	0
##	[19819,]	0.000000e+00	1.000000e+00	0	0
##	[19820,]	0.000000e+00	0.000000e+00	0	0
##	[19821,]	0.000000e+00	0.000000e+00	0	0
##	[19822,]	0.000000e+00	0.000000e+00	0	0
##	[19823,]	0.000000e+00	0.000000e+00	0	0
##	[19824,]	0.000000e+00	0.000000e+00	0	0
##	[19825,]	0.000000e+00	8.100000e+01	2304	0
##	[19826,]	1.600000e+01	3.969000e+03	160801	0
##	[19827,]	0.000000e+00	0.000000e+00	0	0
##	[19828,]	0.000000e+00	8.410000e+02	900	0
##	[19829,]	0.000000e+00	0.000000e+00	0	0
##	[19830,]	0.000000e+00	0.000000e+00	0	0
##	[19831,]	0.000000e+00	0.000000e+00	0	0
##	[19832,]	1.000000e+02	1.210000e+04	122500	0
##	[19833,]	0.000000e+00	0.000000e+00	0	0
##	[19834,]	2.044900e+04	4.284900e+06	26419600	0
##	[19835,]	0.000000e+00	0.000000e+00	0	0
##	[19836,]	0.000000e+00	0.000000e+00	0	0
##	[19837,]	6.400000e+01	5.329000e+03	484	0
##	[19838,]	0.000000e+00	0.000000e+00	0	0
##	[19839,]	1.000000e+00	4.000000e+00	4	0
##	[19840,]	0.000000e+00	0.000000e+00	0	0
##	[19841,]	0.000000e+00	0.000000e+00	0	0
##	[19842,]	3.025000e+03	4.006890e+05	374544	0
##	[19843,]	4.000000e+00	1.936000e+03	4489	0
##	[19844,]	0.000000e+00	0.000000e+00	0	0
##	[19845,]	0.000000e+00	0.000000e+00	0	0
##	[19846,]	0.000000e+00	2.560000e+02	3249	0
##	[19847,]	5.760000e+02	1.560250e+05	505521	0
##	[19848,]	0.000000e+00	0.000000e+00	0	0
##	[19849,]	0.000000e+00	0.000000e+00	0	0
##	[19850,]	9.000000e+00	4.410000e+02	11449	0
##	[19851,]	5.760000e+02	1.640250e+05	2169729	0
##	[19852,]	0.000000e+00	0.000000e+00	0	0
##	[19853,]	5.290000e+02	1.909690e+05	3003289	0
##	[19854,]	1.000000e+00	4.410000e+02	6084	0
##	[19855,]	0.000000e+00	0.000000e+00	0	0
##	[19856,]	0.000000e+00	0.000000e+00	0	0
##	[19857,]	8.100000e+01	1.612900e+04	346921	0
##	[19858,]	9.000000e+00	3.600000e+01	1521	0
##	[19859,]	0.000000e+00	0.000000e+00	0	0
##	[19860,]	0.000000e+00	0.000000e+00	0	0
##	[19861,]	1.000000e+00	1.000000e+00	0	0
##	[19862,]	0.000000e+00	0.000000e+00	0	0
##	[19863,]	8.410000e+02	6.250000e+02	16	0
##	[19864,]	0.000000e+00	0.000000e+00	0	0

##	[19865,]	0.000000e+00	0.000000e+00	0	0
##	[19866,]	0.000000e+00	0.000000e+00	0	0
##	[19867,]	0.000000e+00	0.000000e+00	0	0
##	[19868,]	3.600000e+01	6.084000e+03	114921	0
##	[19869,]	0.000000e+00	0.000000e+00	0	0
##	[19870,]	0.000000e+00	4.900000e+01	625	0
##	[19871,]	0.000000e+00	0.000000e+00	0	0
##	[19872,]	2.500000e+01	4.000000e+00	361	0
##	[19873,]	0.000000e+00	0.000000e+00	0	0
##	[19874,]	0.000000e+00	0.000000e+00	1	0
##	[19875,]	0.000000e+00	0.000000e+00	0	0
##	[19876,]	2.500000e+01	8.464000e+03	62500	0
##	[19877,]	0.000000e+00	0.000000e+00	0	0
##	[19878,]	0.000000e+00	0.000000e+00	0	0
##	[19879,]	2.340900e+04	3.101121e+06	16459249	0
##	[19880,]	8.100000e+01	1.681000e+03	961	0
##	[19881,]	0.000000e+00	0.000000e+00	0	0
##	[19882,]	0.000000e+00	0.000000e+00	0	0
##	[19883,]	1.000000e+00	9.000000e+00	4	0
##	[19884,]	0.000000e+00	0.000000e+00	0	0
##	[19885,]	0.000000e+00	4.410000e+02	2500	0
##	[19886,]	0.000000e+00	0.000000e+00	0	0
##	[19887,]	4.096000e+03	3.294760e+05	249001	0
##	[19888,]	0.000000e+00	0.000000e+00	0	0
##	[19889,]	0.000000e+00	0.000000e+00	0	0
##	[19890,]	4.840000e+02	1.043290e+05	290521	0
##	[19891,]	1.000000e+00	2.890000e+02	1521	0
##	[19892,]	0.000000e+00	0.000000e+00	0	0
##	[19893,]	4.000000e+00	8.410000e+02	5041	0
##	[19894,]	0.000000e+00	0.000000e+00	0	0
##	[19895,]	9.610000e+02	1.190250e+05	1297321	0
##	[19896,]	3.240000e+02	1.288810e+05	1882384	0
##	[19897,]	0.000000e+00	0.000000e+00	0	0
##	[19898,]	0.000000e+00	1.960000e+02	4225	0
##	[19899,]	0.000000e+00	0.000000e+00	0	0
##	[19900,]	0.000000e+00	0.000000e+00	0	0
##	[19901,]	8.100000e+01	1.416100e+04	227529	0
##	[19902,]	0.000000e+00	0.000000e+00	0	0
##	[19903,]	1.000000e+00	6.400000e+01	529	0
##	[19904,]	0.000000e+00	0.000000e+00	0	0
##	[19905,]	1.000000e+00	0.000000e+00	0	0
##	[19906,]	5.760000e+02	4.000000e+02	4	0
##	[19907,]	0.000000e+00	0.000000e+00	0	0
##	[19908,]	0.000000e+00	0.000000e+00	0	0
##	[19909,]	0.000000e+00	0.000000e+00	0	0
##	[19910,]	0.000000e+00	0.000000e+00	0	0
##	[19911,]	0.000000e+00	0.000000e+00	0	0
##	[19912,]	0.000000e+00	0.000000e+00	0	0
##	[19913,]	0.000000e+00	0.000000e+00	0	0
##	[19914,]	0.000000e+00	2.500000e+01	625	0
##	[19915,]	0.000000e+00	3.136000e+03	62500	0
##	[19916,]	0.000000e+00	0.000000e+00	0	0
##	[19917,]	0.000000e+00	0.000000e+00	0	0
##	[19918,]	0.000000e+00	0.000000e+00	0	0

##	[19919,]	0.000000e+00	0.000000e+00	0	0
##	[19920,]	0.000000e+00	0.000000e+00	0	0
##	[19921,]	0.000000e+00	0.000000e+00	0	0
##	[19922,]	1.742400e+04	2.560000e+06	13690000	0
##	[19923,]	3.600000e+01	4.761000e+03	27556	0
##	[19924,]	0.000000e+00	0.000000e+00	0	0
##	[19925,]	0.000000e+00	0.000000e+00	0	0
##	[19926,]	8.100000e+01	1.600000e+03	361	0
##	[19927,]	0.000000e+00	0.000000e+00	1	0
##	[19928,]	1.600000e+01	4.840000e+02	1089	0
##	[19929,]	2.601000e+03	1.814760e+05	142129	0
##	[19930,]	0.000000e+00	0.000000e+00	0	0
##	[19931,]	0.000000e+00	0.000000e+00	0	0
##	[19932,]	1.024000e+03	6.350400e+04	179776	0
##	[19933,]	0.000000e+00	0.000000e+00	0	0
##	[19934,]	4.000000e+00	1.690000e+02	625	0
##	[19935,]	0.000000e+00	0.000000e+00	0	0
##	[19936,]	0.000000e+00	3.240000e+02	2025	0
##	[19937,]	0.000000e+00	0.000000e+00	0	0
##	[19938,]	5.290000e+02	1.281640e+05	1085764	0
##	[19939,]	0.000000e+00	0.000000e+00	0	0
##	[19940,]	1.210000e+02	1.339560e+05	1898884	0
##	[19941,]	0.000000e+00	1.000000e+02	1600	0
##	[19942,]	0.000000e+00	0.000000e+00	0	0
##	[19943,]	0.000000e+00	0.000000e+00	0	0
##	[19944,]	0.000000e+00	3.600000e+01	484	0
##	[19945,]	0.000000e+00	0.000000e+00	0	0
##	[19946,]	3.600000e+01	2.496400e+04	211600	0
##	[19947,]	0.000000e+00	0.000000e+00	0	0
##	[19948,]	0.000000e+00	0.000000e+00	0	0
##	[19949,]	1.440000e+02	6.250000e+02	25	0
##	[19950,]	0.000000e+00	0.000000e+00	0	0
##	[19951,]	0.000000e+00	0.000000e+00	0	0
##	[19952,]	0.000000e+00	0.000000e+00	0	0
##	[19953,]	0.000000e+00	0.000000e+00	0	0
##	[19954,]	0.000000e+00	0.000000e+00	0	0
##	[19955,]	0.000000e+00	0.000000e+00	0	0
##	[19956,]	0.000000e+00	0.000000e+00	0	0
##	[19957,]	0.000000e+00	1.000000e+00	64	0
##	[19958,]	4.000000e+00	1.369000e+03	28224	0
##	[19959,]	0.000000e+00	0.000000e+00	0	0
##	[19960,]	0.000000e+00	4.000000e+00	324	0
##	[19961,]	0.000000e+00	0.000000e+00	4	0
##	[19962,]	0.000000e+00	0.000000e+00	0	0
##	[19963,]	0.000000e+00	0.000000e+00	0	0
##	[19964,]	0.000000e+00	0.000000e+00	0	0
##	[19965,]	2.500000e+01	3.721000e+03	19881	0
##	[19966,]	1.254400e+04	1.630729e+06	8608356	0
##	[19967,]	0.000000e+00	0.000000e+00	0	0
##	[19968,]	0.000000e+00	0.000000e+00	0	0
##	[19969,]	0.000000e+00	4.000000e+00	0	0
##	[19970,]	0.000000e+00	0.000000e+00	0	0
##	[19971,]	1.210000e+02	8.410000e+02	361	0
##	[19972,]	0.000000e+00	0.000000e+00	0	0

##	[19973,]	1.764000e+03	1.281640e+05	97969	0
##	[19974,]	0.000000e+00	0.000000e+00	0	0
##	[19975,]	2.500000e+01	2.250000e+02	400	0
##	[19976,]	0.000000e+00	1.960000e+02	441	0
##	[19977,]	0.000000e+00	0.000000e+00	0	0
##	[19978,]	0.000000e+00	0.000000e+00	0	0
##	[19979,]	4.840000e+02	3.960100e+04	110224	0
##	[19980,]	3.610000e+02	9.000000e+04	674041	0
##	[19981,]	0.000000e+00	1.960000e+02	676	0
##	[19982,]	0.000000e+00	0.000000e+00	0	0
##	[19983,]	0.000000e+00	0.000000e+00	0	0
##	[19984,]	0.000000e+00	1.690000e+02	2809	0
##	[19985,]	0.000000e+00	0.000000e+00	0	0
##	[19986,]	0.000000e+00	0.000000e+00	0	0
##	[19987,]	1.690000e+02	8.122500e+04	1153476	0
##	[19988,]	0.000000e+00	0.000000e+00	0	0
##	[19989,]	0.000000e+00	0.000000e+00	0	0
##	[19990,]	2.500000e+01	1.123600e+04	140625	0
##	[19991,]	0.000000e+00	9.000000e+00	441	0
##	[19992,]	0.000000e+00	0.000000e+00	0	0
##	[19993,]	0.000000e+00	0.000000e+00	0	0
##	[19994,]	1.000000e+00	0.000000e+00	0	0
##	[19995,]	2.250000e+02	2.890000e+02	4	0
##	[19996,]	0.000000e+00	0.000000e+00	0	0
##	[19997,]	0.000000e+00	0.000000e+00	0	0
##	[19998,]	0.000000e+00	0.000000e+00	0	0
##	[19999,]	0.000000e+00	0.000000e+00	0	0
##	[20000,]	0.000000e+00	0.000000e+00	0	0
##	[20001,]	4.000000e+00	2.601000e+03	22201	0
##	[20002,]	0.000000e+00	1.600000e+01	49	0
##	[20003,]	0.000000e+00	0.000000e+00	0	0
##	[20004,]	0.000000e+00	0.000000e+00	0	0
##	[20005,]	0.000000e+00	0.000000e+00	0	0
##	[20006,]	0.000000e+00	9.000000e+00	9	0
##	[20007,]	0.000000e+00	0.000000e+00	0	0
##	[20008,]	0.000000e+00	0.000000e+00	0	0
##	[20009,]	0.000000e+00	0.000000e+00	0	0
##	[20010,]	0.000000e+00	0.000000e+00	0	0
##	[20011,]	0.000000e+00	0.000000e+00	0	0
##	[20012,]	0.000000e+00	0.000000e+00	0	0
##	[20013,]	0.000000e+00	0.000000e+00	0	0
##	[20014,]	0.000000e+00	0.000000e+00	0	0
##	[20015,]	0.000000e+00	0.000000e+00	0	0
##	[20016,]	0.000000e+00	0.000000e+00	0	0
##	[20017,]	0.000000e+00	0.000000e+00	0	0
##	[20018,]	0.000000e+00	0.000000e+00	0	0
##	[20019,]	0.000000e+00	0.000000e+00	0	0
##	[20020,]	0.000000e+00	0.000000e+00	0	0
##	[20021,]	0.000000e+00	0.000000e+00	0	0
##	[20022,]	0.000000e+00	0.000000e+00	0	0
##	[20023,]	0.000000e+00	0.000000e+00	0	0
##	[20024,]	0.000000e+00	0.000000e+00	0	0
##	[20025,]	0.000000e+00	0.000000e+00	0	0
##	[20026,]	0.000000e+00	0.000000e+00	0	0

##	[20027,]	1.000000e+00	0.000000e+00	0	0
##	[20028,]	0.000000e+00	0.000000e+00	0	0
##	[20029,]	1.000000e+00	0.000000e+00	0	0
##	[20030,]	0.000000e+00	0.000000e+00	0	0
##	[20031,]	0.000000e+00	0.000000e+00	0	0
##	[20032,]	0.000000e+00	0.000000e+00	0	0
##	[20033,]	0.000000e+00	0.000000e+00	0	0
##	[20034,]	0.000000e+00	0.000000e+00	0	0
##	[20035,]	1.000000e+00	0.000000e+00	0	0
##	[20036,]	0.000000e+00	0.000000e+00	0	0
##	[20037,]	1.049760e+05	0.000000e+00	0	0
##	[20038,]	1.600000e+01	0.000000e+00	0	0
##	[20039,]	3.025000e+03	0.000000e+00	0	0
##	[20040,]	1.440000e+02	0.000000e+00	0	0
##	[20041,]	9.610000e+02	0.000000e+00	0	0
##	[20042,]	6.250000e+02	0.000000e+00	0	0
##	[20043,]	3.880900e+04	0.000000e+00	0	0
##	[20044,]	2.890000e+02	0.000000e+00	0	0
##	[20045,]	9.060100e+04	0.000000e+00	0	0
##	[20046,]	5.621641e+06	0.000000e+00	0	0
##	[20047,]	0.000000e+00	0.000000e+00	0	0
##	[20048,]	4.410000e+02	0.000000e+00	0	0
##	[20049,]	0.000000e+00	0.000000e+00	0	0
##	[20050,]	5.299840e+05	0.000000e+00	0	0
##	[20051,]	1.288810e+05	0.000000e+00	0	0
##	[20052,]	1.135690e+05	0.000000e+00	0	0
##	[20053,]	6.502500e+04	0.000000e+00	0	0
##	[20054,]	4.502410e+05	0.000000e+00	0	0
##	[20055,]	0.000000e+00	0.000000e+00	0	0
##	[20056,]	0.000000e+00	0.000000e+00	0	0
##	[20057,]	0.000000e+00	0.000000e+00	0	0
##	[20058,]	4.044960e+05	0.000000e+00	0	0
##	[20059,]	0.000000e+00	0.000000e+00	0	0
##	[20060,]	2.298256e+06	0.000000e+00	0	0
##	[20061,]	8.111104e+06	0.000000e+00	0	0
##	[20062,]	0.000000e+00	0.000000e+00	0	0
##	[20063,]	8.410000e+02	0.000000e+00	0	0
##	[20064,]	1.040400e+06	0.000000e+00	0	0
##	[20065,]	0.000000e+00	0.000000e+00	0	0
##	[20066,]	2.134440e+05	0.000000e+00	0	0
##	[20067,]	0.000000e+00	0.000000e+00	0	0
##	[20068,]	9.610000e+04	0.000000e+00	0	0
##	[20069,]	0.000000e+00	0.000000e+00	0	0
##	[20070,]	2.464900e+04	0.000000e+00	0	0
##	[20071,]	0.000000e+00	0.000000e+00	0	0
##	[20072,]	7.569000e+05	0.000000e+00	0	0
##	[20073,]	0.000000e+00	0.000000e+00	0	0
##	[20074,]	0.000000e+00	0.000000e+00	0	0
##	[20075,]	6.839290e+05	0.000000e+00	0	0
##	[20076,]	0.000000e+00	0.000000e+00	0	0
##	[20077,]	7.106490e+05	0.000000e+00	0	0
##	[20078,]	0.000000e+00	0.000000e+00	0	0
##	[20079,]	1.874890e+07	0.000000e+00	0	0
##	[20080,]	2.560000e+02	0.000000e+00	0	0

##	[20081,]	4.199040e+05	0.000000e+00	0	0
##	[20082,]	1.069290e+05	0.000000e+00	0	0
##	[20083,]	8.468100e+04	0.000000e+00	0	0
##	[20084,]	1.537600e+04	0.000000e+00	0	0
##	[20085,]	8.549776e+06	0.000000e+00	0	0
##	[20086,]	0.000000e+00	0.000000e+00	0	0
##	[20087,]	3.969000e+05	0.000000e+00	0	0
##	[20088,]	8.820900e+04	0.000000e+00	0	0
##	[20089,]	0.000000e+00	0.000000e+00	0	0
##	[20090,]	2.120602e+07	0.000000e+00	0	0
##	[20091,]	0.000000e+00	0.000000e+00	0	0
##	[20092,]	8.410000e+02	0.000000e+00	0	0
##	[20093,]	0.000000e+00	0.000000e+00	0	0
##	[20094,]	9.859600e+04	0.000000e+00	0	0
##	[20095,]	0.000000e+00	0.000000e+00	0	0
##	[20096,]	3.062500e+04	0.000000e+00	0	0
##	[20097,]	0.000000e+00	0.000000e+00	0	0
##	[20098,]	0.000000e+00	0.000000e+00	0	0
##	[20099,]	2.102500e+04	0.000000e+00	0	0
##	[20100,]	0.000000e+00	0.000000e+00	0	0
##	[20101,]	0.000000e+00	0.000000e+00	0	0
##	[20102,]	1.587600e+04	0.000000e+00	0	0
##	[20103,]	0.000000e+00	0.000000e+00	0	0
##	[20104,]	1.456186e+07	0.000000e+00	0	0
##	[20105,]	0.000000e+00	0.000000e+00	0	0
##	[20106,]	5.198400e+04	0.000000e+00	0	0
##	[20107,]	0.000000e+00	0.000000e+00	0	0
##	[20108,]	0.000000e+00	0.000000e+00	0	0
##	[20109,]	1.464100e+04	0.000000e+00	0	0
##	[20110,]	4.368100e+04	0.000000e+00	0	0
##	[20111,]	1.755610e+07	0.000000e+00	0	0
##	[20112,]	0.000000e+00	0.000000e+00	0	0
##	[20113,]	1.960000e+02	0.000000e+00	0	0
##	[20114,]	0.000000e+00	0.000000e+00	0	0
##	[20115,]	1.000000e+00	0.000000e+00	0	0
##	[20116,]	2.433600e+04	0.000000e+00	0	0
##	[20117,]	0.000000e+00	0.000000e+00	0	0
##	[20118,]	7.225000e+03	0.000000e+00	0	0
##	[20119,]	0.000000e+00	0.000000e+00	0	0
##	[20120,]	0.000000e+00	0.000000e+00	0	0
##	[20121,]	5.776000e+03	0.000000e+00	0	0
##	[20122,]	0.000000e+00	0.000000e+00	0	0
##	[20123,]	0.000000e+00	0.000000e+00	0	0
##	[20124,]	9.604000e+03	0.000000e+00	0	0
##	[20125,]	0.000000e+00	0.000000e+00	0	0
##	[20126,]	0.000000e+00	0.000000e+00	0	0
##	[20127,]	0.000000e+00	0.000000e+00	0	0
##	[20128,]	4.326400e+04	0.000000e+00	0	0
##	[20129,]	1.414512e+07	0.000000e+00	0	0
##	[20130,]	0.000000e+00	0.000000e+00	0	0
##	[20131,]	0.000000e+00	0.000000e+00	0	0
##	[20132,]	1.000000e+00	0.000000e+00	0	0
##	[20133,]	2.464900e+04	0.000000e+00	0	0
##	[20134,]	3.600000e+01	0.000000e+00	0	0

##	[20135,]	1.876900e+04	0.000000e+00	0	0
##	[20136,]	0.000000e+00	0.000000e+00	0	0
##	[20137,]	0.000000e+00	0.000000e+00	0	0
##	[20138,]	4.202500e+04	0.000000e+00	0	0
##	[20139,]	1.195776e+07	0.000000e+00	0	0
##	[20140,]	0.000000e+00	0.000000e+00	0	0
##	[20141,]	2.890000e+02	0.000000e+00	0	0
##	[20142,]	6.656400e+04	0.000000e+00	0	0
##	[20143,]	4.900000e+01	0.000000e+00	0	0
##	[20144,]	0.000000e+00	0.000000e+00	0	0
##	[20145,]	1.600000e+01	0.000000e+00	0	0
##	[20146,]	0.000000e+00	0.000000e+00	0	0
##	[20147,]	1.768900e+04	0.000000e+00	0	0
##	[20148,]	1.000000e+00	0.000000e+00	0	0
##	[20149,]	1.232100e+04	0.000000e+00	0	0
##	[20150,]	0.000000e+00	0.000000e+00	0	0
##	[20151,]	1.000000e+00	0.000000e+00	0	0
##	[20152,]	0.000000e+00	0.000000e+00	0	0
##	[20153,]	3.534400e+04	0.000000e+00	0	0
##	[20154,]	0.000000e+00	0.000000e+00	0	0
##	[20155,]	7.568001e+06	0.000000e+00	0	0
##	[20156,]	3.686400e+04	0.000000e+00	0	0
##	[20157,]	0.000000e+00	0.000000e+00	0	0
##	[20158,]	3.572100e+04	0.000000e+00	0	0
##	[20159,]	0.000000e+00	0.000000e+00	0	0
##	[20160,]	8.100000e+01	0.000000e+00	0	0
##	[20161,]	1.081600e+04	0.000000e+00	0	0
##	[20162,]	4.000000e+00	0.000000e+00	0	0
##	[20163,]	0.000000e+00	0.000000e+00	0	0
##	[20164,]	0.000000e+00	0.000000e+00	0	0
##	[20165,]	1.000000e+00	0.000000e+00	0	0
##	[20166,]	3.586812e+07	0.000000e+00	0	0
##	[20167,]	1.210000e+02	0.000000e+00	0	0
##	[20168,]	0.000000e+00	0.000000e+00	0	0
##	[20169,]	0.000000e+00	0.000000e+00	0	0
##	[20170,]	0.000000e+00	0.000000e+00	0	0
##	[20171,]	1.000000e+00	0.000000e+00	0	0
##	[20172,]	6.812100e+04	0.000000e+00	0	0
##	[20173,]	0.000000e+00	0.000000e+00	0	0
##	[20174,]	2.528100e+04	0.000000e+00	0	0
##	[20175,]	0.000000e+00	0.000000e+00	0	0
##	[20176,]	0.000000e+00	0.000000e+00	0	0
##	[20177,]	2.689600e+04	0.000000e+00	0	0
##	[20178,]	0.000000e+00	0.000000e+00	0	0
##	[20179,]	0.000000e+00	0.000000e+00	0	0
##	[20180,]	4.802490e+05	0.000000e+00	0	0
##	[20181,]	0.000000e+00	0.000000e+00	0	0
##	[20182,]	0.000000e+00	0.000000e+00	0	0
##	[20183,]	2.209940e+07	0.000000e+00	0	0
##	[20184,]	0.000000e+00	0.000000e+00	0	0
##	[20185,]	0.000000e+00	0.000000e+00	0	0
##	[20186,]	2.890000e+04	0.000000e+00	0	0
##	[20187,]	0.000000e+00	0.000000e+00	0	0
##	[20188,]	0.000000e+00	0.000000e+00	0	0

##	[20189,]	5.953600e+04	0.000000e+00	0	0
##	[20190,]	4.000000e+00	0.000000e+00	0	0
##	[20191,]	0.000000e+00	0.000000e+00	0	0
##	[20192,]	1.656490e+07	0.000000e+00	0	0
##	[20193,]	3.600000e+01	0.000000e+00	0	0
##	[20194,]	0.000000e+00	0.000000e+00	0	0
##	[20195,]	0.000000e+00	0.000000e+00	0	0
##	[20196,]	2.704000e+03	0.000000e+00	0	0
##	[20197,]	0.000000e+00	0.000000e+00	0	0
##	[20198,]	0.000000e+00	0.000000e+00	0	0
##	[20199,]	0.000000e+00	0.000000e+00	0	0
##	[20200,]	0.000000e+00	0.000000e+00	0	0
##	[20201,]	3.721000e+03	0.000000e+00	0	0
##	[20202,]	3.600000e+03	0.000000e+00	0	0
##	[20203,]	0.000000e+00	0.000000e+00	0	0
##	[20204,]	0.000000e+00	0.000000e+00	0	0
##	[20205,]	0.000000e+00	0.000000e+00	0	0
##	[20206,]	0.000000e+00	0.000000e+00	0	0
##	[20207,]	1.366561e+06	0.000000e+00	0	0
##	[20208,]	4.000000e+00	0.000000e+00	0	0
##	[20209,]	0.000000e+00	0.000000e+00	0	0
##	[20210,]	7.409284e+06	0.000000e+00	0	0
##	[20211,]	5.290000e+02	0.000000e+00	0	0
##	[20212,]	0.000000e+00	0.000000e+00	0	0
##	[20213,]	0.000000e+00	0.000000e+00	0	0
##	[20214,]	1.020100e+04	0.000000e+00	0	0
##	[20215,]	0.000000e+00	0.000000e+00	0	0
##	[20216,]	1.188100e+04	0.000000e+00	0	0
##	[20217,]	1.805400e+07	0.000000e+00	0	0
##	[20218,]	0.000000e+00	0.000000e+00	0	0
##	[20219,]	0.000000e+00	0.000000e+00	0	0
##	[20220,]	4.000000e+00	0.000000e+00	0	0
##	[20221,]	4.410000e+02	0.000000e+00	0	0
##	[20222,]	0.000000e+00	0.000000e+00	0	0
##	[20223,]	1.600000e+01	0.000000e+00	0	0
##	[20224,]	1.440000e+02	0.000000e+00	0	0
##	[20225,]	0.000000e+00	0.000000e+00	0	0
##	[20226,]	1.600000e+01	0.000000e+00	0	0
##	[20227,]	0.000000e+00	0.000000e+00	0	0
##	[20228,]	1.000000e+00	0.000000e+00	0	0
##	[20229,]	2.250000e+02	0.000000e+00	0	0
##	[20230,]	0.000000e+00	0.000000e+00	0	0
##	[20231,]	1.533506e+07	0.000000e+00	0	0
##	[20232,]	0.000000e+00	0.000000e+00	0	0
##	[20233,]	8.008900e+04	0.000000e+00	0	0
##	[20234,]	1.000000e+04	0.000000e+00	0	0
##	[20235,]	0.000000e+00	0.000000e+00	0	0
##	[20236,]	4.000000e+00	0.000000e+00	0	0
##	[20237,]	1.440000e+02	0.000000e+00	0	0
##	[20238,]	0.000000e+00	0.000000e+00	0	0
##	[20239,]	9.000000e+02	0.000000e+00	0	0
##	[20240,]	0.000000e+00	0.000000e+00	0	0
##	[20241,]	1.000000e+00	0.000000e+00	0	0
##	[20242,]	1.536640e+07	0.000000e+00	0	0

##	[20243,]	0.000000e+00	0.000000e+00	0	0
##	[20244,]	1.600000e+01	0.000000e+00	0	0
##	[20245,]	0.000000e+00	0.000000e+00	0	0
##	[20246,]	4.000000e+00	0.000000e+00	0	0
##	[20247,]	0.000000e+00	0.000000e+00	0	0
##	[20248,]	1.089000e+03	0.000000e+00	0	0
##	[20249,]	1.000000e+00	0.000000e+00	0	0
##	[20250,]	4.000000e+02	0.000000e+00	0	0
##	[20251,]	0.000000e+00	0.000000e+00	0	0
##	[20252,]	5.184000e+03	0.000000e+00	0	0
##	[20253,]	9.000000e+00	0.000000e+00	0	0
##	[20254,]	0.000000e+00	0.000000e+00	0	0
##	[20255,]	1.301045e+07	0.000000e+00	0	0
##	[20256,]	0.000000e+00	0.000000e+00	0	0
##	[20257,]	3.459600e+04	0.000000e+00	0	0
##	[20258,]	0.000000e+00	0.000000e+00	0	0
##	[20259,]	1.440000e+02	0.000000e+00	0	0
##	[20260,]	0.000000e+00	0.000000e+00	0	0
##	[20261,]	2.809000e+03	0.000000e+00	0	0
##	[20262,]	1.274490e+05	0.000000e+00	0	0
##	[20263,]	9.000000e+00	0.000000e+00	0	0
##	[20264,]	2.972430e+07	0.000000e+00	0	0
##	[20265,]	0.000000e+00	0.000000e+00	0	0
##	[20266,]	0.000000e+00	0.000000e+00	0	0
##	[20267,]	0.000000e+00	0.000000e+00	0	0
##	[20268,]	0.000000e+00	0.000000e+00	0	0
##	[20269,]	0.000000e+00	0.000000e+00	0	0
##	[20270,]	4.000000e+00	0.000000e+00	0	0
##	[20271,]	3.600000e+01	0.000000e+00	0	0
##	[20272,]	1.849000e+03	0.000000e+00	0	0
##	[20273,]	0.000000e+00	0.000000e+00	0	0
##	[20274,]	0.000000e+00	0.000000e+00	0	0
##	[20275,]	0.000000e+00	0.000000e+00	0	0
##	[20276,]	3.610000e+02	0.000000e+00	0	0
##	[20277,]	0.000000e+00	0.000000e+00	0	0
##	[20278,]	3.721000e+03	0.000000e+00	0	0
##	[20279,]	3.115225e+06	0.000000e+00	0	0
##	[20280,]	9.000000e+00	0.000000e+00	0	0
##	[20281,]	7.617600e+04	0.000000e+00	0	0
##	[20282,]	1.115560e+07	0.000000e+00	0	0
##	[20283,]	0.000000e+00	0.000000e+00	0	0
##	[20284,]	1.960000e+02	0.000000e+00	0	0
##	[20285,]	8.008900e+04	0.000000e+00	0	0
##	[20286,]	4.000000e+00	0.000000e+00	0	0
##	[20287,]	3.610000e+02	0.000000e+00	0	0
##	[20288,]	0.000000e+00	0.000000e+00	0	0
##	[20289,]	9.000000e+00	0.000000e+00	0	0
##	[20290,]	0.000000e+00	0.000000e+00	0	0
##	[20291,]	2.500000e+03	0.000000e+00	0	0
##	[20292,]	6.656400e+06	0.000000e+00	0	0
##	[20293,]	2.560000e+02	0.000000e+00	0	0
##	[20294,]	8.173881e+06	0.000000e+00	0	0
##	[20295,]	0.000000e+00	0.000000e+00	0	0
##	[20296,]	0.000000e+00	0.000000e+00	0	0

##	[20297,]	0.000000e+00	0.000000e+00	0	0
##	[20298,]	1.000000e+00	0.000000e+00	0	0
##	[20299,]	0.000000e+00	0.000000e+00	0	0
##	[20300,]	4.000000e+00	0.000000e+00	0	0
##	[20301,]	9.000000e+00	0.000000e+00	0	0
##	[20302,]	7.290000e+02	0.000000e+00	0	0
##	[20303,]	0.000000e+00	0.000000e+00	0	0
##	[20304,]	4.000000e+00	0.000000e+00	0	0
##	[20305,]	1.000000e+02	0.000000e+00	0	0
##	[20306,]	4.900000e+01	0.000000e+00	0	0
##	[20307,]	5.856400e+04	0.000000e+00	0	0
##	[20308,]	1.923769e+06	0.000000e+00	0	0
##	[20309,]	6.056521e+06	0.000000e+00	0	0
##	[20310,]	1.081600e+06	0.000000e+00	0	0
##	[20311,]	3.600000e+01	0.000000e+00	0	0
##	[20312,]	1.345600e+04	0.000000e+00	0	0
##	[20313,]	2.280100e+04	0.000000e+00	0	0
##	[20314,]	0.000000e+00	0.000000e+00	0	0
##	[20315,]	0.000000e+00	0.000000e+00	0	0
##	[20316,]	0.000000e+00	0.000000e+00	0	0
##	[20317,]	4.900000e+01	0.000000e+00	0	0
##	[20318,]	1.849000e+03	0.000000e+00	0	0
##	[20319,]	0.000000e+00	0.000000e+00	0	0
##	[20320,]	2.250000e+02	0.000000e+00	0	0
##	[20321,]	2.250000e+02	0.000000e+00	0	0
##	[20322,]	9.000000e+00	0.000000e+00	0	0
##	[20323,]	0.000000e+00	0.000000e+00	0	0
##	[20324,]	3.219428e+07	0.000000e+00	0	0
##	[20325,]	0.000000e+00	0.000000e+00	0	0
##	[20326,]	4.000000e+00	0.000000e+00	0	0
##	[20327,]	1.000000e+00	0.000000e+00	0	0
##	[20328,]	0.000000e+00	0.000000e+00	0	0
##	[20329,]	4.000000e+00	0.000000e+00	0	0
##	[20330,]	1.600000e+03	0.000000e+00	0	0
##	[20331,]	0.000000e+00	0.000000e+00	0	0
##	[20332,]	0.000000e+00	0.000000e+00	0	0
##	[20333,]	6.760000e+02	0.000000e+00	0	0
##	[20334,]	0.000000e+00	0.000000e+00	0	0
##	[20335,]	1.600000e+01	0.000000e+00	0	0
##	[20336,]	1.299602e+07	0.000000e+00	0	0
##	[20337,]	9.000000e+00	0.000000e+00	0	0
##	[20338,]	2.996361e+06	0.000000e+00	0	0
##	[20339,]	3.600000e+01	0.000000e+00	0	0
##	[20340,]	0.000000e+00	0.000000e+00	0	0
##	[20341,]	1.000000e+00	0.000000e+00	0	0
##	[20342,]	7.344100e+04	0.000000e+00	0	0
##	[20343,]	2.890000e+02	0.000000e+00	0	0
##	[20344,]	0.000000e+00	0.000000e+00	0	0
##	[20345,]	1.000000e+00	0.000000e+00	0	0
##	[20346,]	3.025000e+03	0.000000e+00	0	0
##	[20347,]	0.000000e+00	0.000000e+00	0	0
##	[20348,]	8.294400e+04	0.000000e+00	0	0
##	[20349,]	4.840000e+06	0.000000e+00	0	0
##	[20350,]	4.900000e+01	0.000000e+00	0	0

##	[20351,]	6.760000e+02	0.000000e+00	0	0
##	[20352,]	1.600000e+01	0.000000e+00	0	0
##	[20353,]	1.960000e+04	0.000000e+00	0	0
##	[20354,]	1.369000e+05	0.000000e+00	0	0
##	[20355,]	2.079360e+05	0.000000e+00	0	0
##	[20356,]	6.084000e+03	0.000000e+00	0	0
##	[20357,]	2.809000e+03	0.000000e+00	0	0
##	[20358,]	1.157776e+06	0.000000e+00	0	0
##	[20359,]	1.690000e+02	0.000000e+00	0	0
##	[20360,]	4.884100e+04	0.000000e+00	0	0
##	[20361,]	0.000000e+00	0.000000e+00	0	0
##	[20362,]	2.601000e+03	0.000000e+00	0	0
##	[20363,]	2.250000e+02	0.000000e+00	0	0
##	[20364,]	1.960000e+02	0.000000e+00	0	0
##	[20365,]	0.000000e+00	0.000000e+00	0	0
##	[20366,]	4.900000e+01	0.000000e+00	0	0
##	[20367,]	3.426201e+06	0.000000e+00	0	0
##	[20368,]	5.254800e+07	0.000000e+00	0	0
##	[20369,]	8.410000e+02	0.000000e+00	0	0
##	[20370,]	0.000000e+00	0.000000e+00	0	0
##	[20371,]	1.000000e+02	0.000000e+00	0	0
##	[20372,]	1.024000e+03	0.000000e+00	0	0
##	[20373,]	6.889000e+03	0.000000e+00	0	0
##	[20374,]	0.000000e+00	0.000000e+00	0	0
##	[20375,]	4.000000e+00	0.000000e+00	0	0
##	[20376,]	0.000000e+00	0.000000e+00	0	0
##	[20377,]	1.780840e+05	0.000000e+00	0	0
##	[20378,]	1.203409e+06	0.000000e+00	0	0
##	[20379,]	3.600000e+01	0.000000e+00	0	0
##	[20380,]	0.000000e+00	0.000000e+00	0	0
##	[20381,]	1.600000e+01	0.000000e+00	0	0
##	[20382,]	2.672890e+05	0.000000e+00	0	0
##	[20383,]	9.525760e+05	0.000000e+00	0	0
##	[20384,]	1.210000e+02	0.000000e+00	0	0
##	[20385,]	1.807100e+07	0.000000e+00	0	0
##	[20386,]	5.505640e+05	0.000000e+00	0	0
##	[20387,]	0.000000e+00	0.000000e+00	0	0
##	[20388,]	4.664890e+05	0.000000e+00	0	0
##	[20389,]	1.299600e+04	0.000000e+00	0	0
##	[20390,]	0.000000e+00	0.000000e+00	0	0
##	[20391,]	3.600000e+01	0.000000e+00	0	0
##	[20392,]	2.528100e+04	0.000000e+00	0	0
##	[20393,]	5.760000e+02	0.000000e+00	0	0
##	[20394,]	0.000000e+00	0.000000e+00	0	0
##	[20395,]	2.500000e+01	0.000000e+00	0	0
##	[20396,]	0.000000e+00	0.000000e+00	0	0
##	[20397,]	3.600000e+01	0.000000e+00	0	0
##	[20398,]	4.000000e+00	0.000000e+00	0	0
##	[20399,]	4.900000e+01	0.000000e+00	0	0
##	[20400,]	0.000000e+00	0.000000e+00	0	0
##	[20401,]	2.704000e+03	0.000000e+00	0	0
##	[20402,]	0.000000e+00	0.000000e+00	0	0
##	[20403,]	2.332890e+05	0.000000e+00	0	0
##	[20404,]	0.000000e+00	0.000000e+00	0	0

##	[20405,]	1.371475e+08	0.000000e+00	0	0
##	[20406,]	9.084196e+06	0.000000e+00	0	0
##	[20407,]	9.000000e+00	0.000000e+00	0	0
##	[20408,]	1.000000e+00	0.000000e+00	0	0
##	[20409,]	0.000000e+00	0.000000e+00	0	0
##	[20410,]	1.210000e+02	0.000000e+00	0	0
##	[20411,]	1.089000e+03	0.000000e+00	0	0
##	[20412,]	4.900000e+01	0.000000e+00	0	0
##	[20413,]	0.000000e+00	0.000000e+00	0	0
##	[20414,]	1.900960e+05	0.000000e+00	0	0
##	[20415,]	3.027600e+04	0.000000e+00	0	0
##	[20416,]	1.322500e+04	0.000000e+00	0	0
##	[20417,]	1.440000e+04	0.000000e+00	0	0
##	[20418,]	0.000000e+00	0.000000e+00	0	0
##	[20419,]	8.649000e+03	0.000000e+00	0	0
##	[20420,]	4.076822e+07	0.000000e+00	0	0
##	[20421,]	2.061160e+07	0.000000e+00	0	0
##	[20422,]	4.791721e+06	0.000000e+00	0	0
##	[20423,]	1.276900e+04	0.000000e+00	0	0
##	[20424,]	0.000000e+00	0.000000e+00	0	0
##	[20425,]	0.000000e+00	0.000000e+00	0	0
##	[20426,]	7.744000e+03	0.000000e+00	0	0
##	[20427,]	2.218410e+05	0.000000e+00	0	0
##	[20428,]	6.864400e+04	0.000000e+00	0	0
##	[20429,]	0.000000e+00	0.000000e+00	0	0
##	[20430,]	6.400000e+01	0.000000e+00	0	0
##	[20431,]	3.025000e+03	0.000000e+00	0	0
##	[20432,]	1.166400e+04	0.000000e+00	0	0
##	[20433,]	2.560000e+02	0.000000e+00	0	0
##	[20434,]	0.000000e+00	0.000000e+00	0	0
##	[20435,]	7.290000e+02	0.000000e+00	0	0
##	[20436,]	1.690000e+02	0.000000e+00	0	0
##	[20437,]	0.000000e+00	0.000000e+00	0	0
##	[20438,]	6.084000e+03	0.000000e+00	0	0
##	[20439,]	4.410000e+02	0.000000e+00	0	0
##	[20440,]	9.000000e+00	0.000000e+00	0	0
##	[20441,]	5.975290e+05	0.000000e+00	0	0
##	[20442,]	3.175168e+08	0.000000e+00	0	0
##	[20443,]	3.677210e+07	0.000000e+00	0	0
##	[20444,]	0.000000e+00	0.000000e+00	0	0
##	[20445,]	1.000000e+00	0.000000e+00	0	0
##	[20446,]	2.016400e+04	0.000000e+00	0	0
##	[20447,]	0.000000e+00	0.000000e+00	0	0
##	[20448,]	0.000000e+00	0.000000e+00	0	0
##	[20449,]	9.610000e+02	0.000000e+00	0	0
##	[20450,]	4.900000e+01	0.000000e+00	0	0
##	[20451,]	8.911360e+05	0.000000e+00	0	0
##	[20452,]	0.000000e+00	0.000000e+00	0	0
##	[20453,]	2.024929e+06	0.000000e+00	0	0
##	[20454,]	1.466890e+05	0.000000e+00	0	0
##	[20455,]	6.400000e+01	0.000000e+00	0	0
##	[20456,]	1.215727e+08	0.000000e+00	0	0
##	[20457,]	0.000000e+00	0.000000e+00	0	0
##	[20458,]	2.721709e+07	0.000000e+00	0	0

##	[20459,]	4.802490e+05	0.000000e+00	0	0
##	[20460,]	1.398760e+05	0.000000e+00	0	0
##	[20461,]	0.000000e+00	0.000000e+00	0	0
##	[20462,]	8.649000e+03	0.000000e+00	0	0
##	[20463,]	3.025000e+03	0.000000e+00	0	0
##	[20464,]	1.332980e+07	0.000000e+00	0	0
##	[20465,]	0.000000e+00	0.000000e+00	0	0
##	[20466,]	8.410000e+02	0.000000e+00	0	0
##	[20467,]	0.000000e+00	0.000000e+00	0	0
##	[20468,]	3.249000e+05	0.000000e+00	0	0
##	[20469,]	1.000000e+02	0.000000e+00	0	0
##	[20470,]	1.512900e+04	0.000000e+00	0	0
##	[20471,]	1.690000e+02	0.000000e+00	0	0
##	[20472,]	0.000000e+00	0.000000e+00	0	0
##	[20473,]	1.000000e+00	0.000000e+00	0	0
##	[20474,]	9.000000e+00	0.000000e+00	0	0
##	[20475,]	0.000000e+00	0.000000e+00	0	0
##	[20476,]	2.464900e+04	0.000000e+00	0	0
##	[20477,]	1.040400e+04	0.000000e+00	0	0
##	[20478,]	2.250000e+02	0.000000e+00	0	0
##	[20479,]	3.141756e+08	0.000000e+00	0	0
##	[20480,]	1.189284e+09	0.000000e+00	0	0
##	[20481,]	4.000000e+00	0.000000e+00	0	0
##	[20482,]	1.000000e+00	0.000000e+00	0	0
##	[20483,]	2.304000e+03	0.000000e+00	0	0
##	[20484,]	5.329000e+03	0.000000e+00	0	0
##	[20485,]	0.000000e+00	0.000000e+00	0	0
##	[20486,]	4.000000e+00	0.000000e+00	0	0
##	[20487,]	5.901984e+08	0.000000e+00	0	0
##	[20488,]	1.883560e+05	0.000000e+00	0	0
##	[20489,]	4.972900e+04	0.000000e+00	0	0
##	[20490,]	6.135589e+07	0.000000e+00	0	0
##	[20491,]	9.000000e+00	0.000000e+00	0	0
##	[20492,]	3.600000e+01	0.000000e+00	0	0
##	[20493,]	5.049009e+06	0.000000e+00	0	0
##	[20494,]	7.033104e+06	0.000000e+00	0	0
##	[20495,]	1.600000e+01	0.000000e+00	0	0
##	[20496,]	1.700938e+08	0.000000e+00	0	0
##	[20497,]	2.401000e+03	0.000000e+00	0	0
##	[20498,]	1.692601e+06	0.000000e+00	0	0
##	[20499,]	2.250000e+02	0.000000e+00	0	0
##	[20500,]	0.000000e+00	0.000000e+00	0	0
##	[20501,]	2.500000e+03	0.000000e+00	0	0
##	[20502,]	0.000000e+00	0.000000e+00	0	0
##	[20503,]	1.000000e+02	0.000000e+00	0	0
##	[20504,]	3.906250e+05	0.000000e+00	0	0
##	[20505,]	1.489960e+05	0.000000e+00	0	0
##	[20506,]	1.000000e+00	0.000000e+00	0	0
##	[20507,]	2.118189e+08	0.000000e+00	0	0
##	[20508,]	2.851560e+05	0.000000e+00	0	0
##	[20509,]	0.000000e+00	0.000000e+00	0	0
##	[20510,]	1.126206e+09	0.000000e+00	0	0
##	[20511,]	9.000000e+00	0.000000e+00	0	0
##	[20512,]	4.000000e+00	0.000000e+00	0	0

##	[20513,]	7.290000e+02	0.000000e+00	0	0
##	[20514,]	1.000000e+00	0.000000e+00	0	0
##	[20515,]	1.416100e+04	0.000000e+00	0	0
##	[20516,]	9.331560e+05	0.000000e+00	0	0
##	[20517,]	4.171806e+08	0.000000e+00	0	0
##	[20518,]	6.300100e+04	0.000000e+00	0	0
##	[20519,]	4.954752e+07	0.000000e+00	0	0
##	[20520,]	6.708100e+04	0.000000e+00	0	0
##	[20521,]	2.641960e+05	0.000000e+00	0	0
##	[20522,]	2.683240e+07	0.000000e+00	0	0
##	[20523,]	2.890000e+02	0.000000e+00	0	0
##	[20524,]	1.186114e+07	0.000000e+00	0	0
##	[20525,]	7.603840e+05	0.000000e+00	0	0
##	[20526,]	7.546397e+07	0.000000e+00	0	0
##	[20527,]	9.000000e+00	0.000000e+00	0	0
##	[20528,]	6.789760e+05	0.000000e+00	0	0
##	[20529,]	2.560000e+02	0.000000e+00	0	0
##	[20530,]	9.000000e+00	0.000000e+00	0	0
##	[20531,]	4.000000e+00	0.000000e+00	0	0
##	[20532,]	1.322500e+04	0.000000e+00	0	0
##	[20533,]	6.400000e+01	0.000000e+00	0	0
##	[20534,]	1.600000e+01	0.000000e+00	0	0
##	[20535,]	2.310400e+04	0.000000e+00	0	0
##	[20536,]	2.410810e+05	0.000000e+00	0	0
##	[20537,]	7.535025e+06	0.000000e+00	0	0
##	[20538,]	9.044010e+07	0.000000e+00	0	0
##	[20539,]	5.775370e+08	0.000000e+00	0	0
##	[20540,]	0.000000e+00	0.000000e+00	0	0
##	[20541,]	1.600000e+01	0.000000e+00	0	0
##	[20542,]	0.000000e+00	0.000000e+00	0	0
##	[20543,]	7.290000e+02	0.000000e+00	0	0
##	[20544,]	0.000000e+00	0.000000e+00	0	0
##	[20545,]	3.600000e+03	0.000000e+00	0	0
##	[20546,]	4.515840e+05	0.000000e+00	0	0
##	[20547,]	5.832225e+06	0.000000e+00	0	0
##	[20548,]	4.449146e+08	0.000000e+00	0	0
##	[20549,]	1.656490e+05	0.000000e+00	0	0
##	[20550,]	6.250000e+02	0.000000e+00	0	0
##	[20551,]	4.351396e+06	0.000000e+00	0	0
##	[20552,]	1.447802e+07	0.000000e+00	0	0
##	[20553,]	6.250000e+04	0.000000e+00	0	0
##	[20554,]	5.730490e+05	0.000000e+00	0	0
##	[20555,]	1.658933e+07	0.000000e+00	0	0
##	[20556,]	3.481000e+03	0.000000e+00	0	0
##	[20557,]	2.809000e+03	0.000000e+00	0	0
##	[20558,]	4.000000e+00	0.000000e+00	0	0
##	[20559,]	1.000000e+02	0.000000e+00	0	0
##	[20560,]	2.430490e+05	0.000000e+00	0	0
##	[20561,]	3.249000e+03	0.000000e+00	0	0
##	[20562,]	1.000000e+00	0.000000e+00	0	0
##	[20563,]	1.600000e+01	0.000000e+00	0	0
##	[20564,]	1.210000e+04	0.000000e+00	0	0
##	[20565,]	3.317760e+05	0.000000e+00	0	0
##	[20566,]	7.290000e+02	0.000000e+00	0	0

##	[20567,]	3.485722e+07	0.000000e+00	0	0
##	[20568,]	1.127632e+08	0.000000e+00	0	0
##	[20569,]	1.785965e+08	0.000000e+00	0	0
##	[20570,]	0.000000e+00	0.000000e+00	0	0
##	[20571,]	0.000000e+00	0.000000e+00	0	0
##	[20572,]	1.000000e+00	0.000000e+00	0	0
##	[20573,]	0.000000e+00	0.000000e+00	0	0
##	[20574,]	0.000000e+00	0.000000e+00	0	0
##	[20575,]	0.000000e+00	0.000000e+00	0	0
##	[20576,]	1.156000e+03	0.000000e+00	0	0
##	[20577,]	1.749749e+07	0.000000e+00	0	0
##	[20578,]	1.043290e+05	0.000000e+00	0	0
##	[20579,]	0.000000e+00	0.000000e+00	0	0
##	[20580,]	2.988809e+07	0.000000e+00	0	0
##	[20581,]	1.310440e+05	0.000000e+00	0	0
##	[20582,]	3.008522e+07	0.000000e+00	0	0
##	[20583,]	2.319529e+06	0.000000e+00	0	0
##	[20584,]	0.000000e+00	0.000000e+00	0	0
##	[20585,]	1.025280e+07	0.000000e+00	0	0
##	[20586,]	1.156000e+03	0.000000e+00	0	0
##	[20587,]	4.579600e+06	0.000000e+00	0	0
##	[20588,]	0.000000e+00	0.000000e+00	0	0
##	[20589,]	3.875062e+07	0.000000e+00	0	0
##	[20590,]	1.936000e+03	0.000000e+00	0	0
##	[20591,]	1.681000e+03	0.000000e+00	0	0
##	[20592,]	0.000000e+00	0.000000e+00	0	0
##	[20593,]	2.560000e+02	0.000000e+00	0	0
##	[20594,]	3.757690e+05	0.000000e+00	0	0
##	[20595,]	0.000000e+00	0.000000e+00	0	0
##	[20596,]	4.000000e+00	0.000000e+00	0	0
##	[20597,]	1.000000e+02	0.000000e+00	0	0
##	[20598,]	3.348900e+04	0.000000e+00	0	0
##	[20599,]	1.000000e+00	0.000000e+00	0	0
##	[20600,]	3.600000e+01	0.000000e+00	0	0
##	[20601,]	0.000000e+00	0.000000e+00	0	0
##	[20602,]	4.000000e+00	0.000000e+00	0	0
##	[20603,]	0.000000e+00	0.000000e+00	0	0
##	[20604,]	1.253160e+05	0.000000e+00	0	0
##	[20605,]	9.409000e+03	0.000000e+00	0	0
##	[20606,]	1.521000e+03	0.000000e+00	0	0
##	[20607,]	6.768353e+07	0.000000e+00	0	0
##	[20608,]	9.434237e+07	0.000000e+00	0	0
##	[20609,]	0.000000e+00	0.000000e+00	0	0
##	[20610,]	1.587348e+08	0.000000e+00	0	0
##	[20611,]	0.000000e+00	0.000000e+00	0	0
##	[20612,]	0.000000e+00	0.000000e+00	0	0
##	[20613,]	4.000000e+00	0.000000e+00	0	0
##	[20614,]	0.000000e+00	0.000000e+00	0	0
##	[20615,]	0.000000e+00	0.000000e+00	0	0
##	[20616,]	3.795792e+07	0.000000e+00	0	0
##	[20617,]	1.803649e+06	0.000000e+00	0	0
##	[20618,]	4.840000e+02	0.000000e+00	0	0
##	[20619,]	1.602756e+06	0.000000e+00	0	0
##	[20620,]	0.000000e+00	0.000000e+00	0	0

##	[20621,]	4.301476e+06	0.000000e+00	0	0
##	[20622,]	1.546062e+07	0.000000e+00	0	0
##	[20623,]	2.063885e+07	0.000000e+00	0	0
##	[20624,]	1.000457e+07	0.000000e+00	0	0
##	[20625,]	0.000000e+00	0.000000e+00	0	0
##	[20626,]	6.017209e+06	0.000000e+00	0	0
##	[20627,]	8.714304e+06	0.000000e+00	0	0
##	[20628,]	1.274641e+06	0.000000e+00	0	0
##	[20629,]	0.000000e+00	0.000000e+00	0	0
##	[20630,]	2.352250e+05	0.000000e+00	0	0
##	[20631,]	1.210000e+02	0.000000e+00	0	0
##	[20632,]	0.000000e+00	0.000000e+00	0	0
##	[20633,]	6.225210e+05	0.000000e+00	0	0
##	[20634,]	3.136000e+03	0.000000e+00	0	0
##	[20635,]	0.000000e+00	0.000000e+00	0	0
##	[20636,]	2.560000e+02	0.000000e+00	0	0
##	[20637,]	9.000000e+00	0.000000e+00	0	0
##	[20638,]	1.988100e+04	0.000000e+00	0	0
##	[20639,]	9.000000e+00	0.000000e+00	0	0
##	[20640,]	0.000000e+00	0.000000e+00	0	0
##	[20641,]	0.000000e+00	0.000000e+00	0	0
##	[20642,]	2.500000e+01	0.000000e+00	0	0
##	[20643,]	1.204090e+05	0.000000e+00	0	0
##	[20644,]	6.561000e+03	0.000000e+00	0	0
##	[20645,]	3.686400e+04	0.000000e+00	0	0
##	[20646,]	0.000000e+00	0.000000e+00	0	0
##	[20647,]	1.823040e+08	0.000000e+00	0	0
##	[20648,]	0.000000e+00	0.000000e+00	0	0
##	[20649,]	5.256250e+07	0.000000e+00	0	0
##	[20650,]	4.859484e+07	0.000000e+00	0	0
##	[20651,]	1.000000e+00	0.000000e+00	0	0
##	[20652,]	0.000000e+00	0.000000e+00	0	0
##	[20653,]	2.959360e+05	0.000000e+00	0	0
##	[20654,]	2.217121e+06	0.000000e+00	0	0
##	[20655,]	1.369000e+03	0.000000e+00	0	0
##	[20656,]	8.528522e+07	0.000000e+00	0	0
##	[20657,]	0.000000e+00	0.000000e+00	0	0
##	[20658,]	1.111556e+07	0.000000e+00	0	0
##	[20659,]	1.779996e+07	0.000000e+00	0	0
##	[20660,]	2.477476e+06	0.000000e+00	0	0
##	[20661,]	1.772410e+05	0.000000e+00	0	0
##	[20662,]	0.000000e+00	0.000000e+00	0	0
##	[20663,]	2.663424e+06	0.000000e+00	0	0
##	[20664,]	1.252161e+06	0.000000e+00	0	0
##	[20665,]	1.904400e+04	0.000000e+00	0	0
##	[20666,]	2.271049e+06	0.000000e+00	0	0
##	[20667,]	0.000000e+00	0.000000e+00	0	0
##	[20668,]	3.348900e+04	0.000000e+00	0	0
##	[20669,]	0.000000e+00	0.000000e+00	0	0
##	[20670,]	3.045025e+06	0.000000e+00	0	0
##	[20671,]	1.210000e+02	0.000000e+00	0	0
##	[20672,]	3.600000e+03	0.000000e+00	0	0
##	[20673,]	0.000000e+00	0.000000e+00	0	0
##	[20674,]	1.000000e+00	0.000000e+00	0	0

##	[20675,]	2.246760e+05	0.000000e+00	0	0
##	[20676,]	0.000000e+00	0.000000e+00	0	0
##	[20677,]	0.000000e+00	0.000000e+00	0	0
##	[20678,]	2.500000e+01	0.000000e+00	0	0
##	[20679,]	0.000000e+00	0.000000e+00	0	0
##	[20680,]	1.900960e+05	0.000000e+00	0	0
##	[20681,]	2.755600e+04	0.000000e+00	0	0
##	[20682,]	1.345600e+04	0.000000e+00	0	0
##	[20683,]	0.000000e+00	0.000000e+00	0	0
##	[20684,]	0.000000e+00	0.000000e+00	0	0
##	[20685,]	1.423249e+06	0.000000e+00	0	0
##	[20686,]	1.817374e+08	0.000000e+00	0	0
##	[20687,]	4.623360e+08	0.000000e+00	0	0
##	[20688,]	4.000000e+00	0.000000e+00	0	0
##	[20689,]	0.000000e+00	0.000000e+00	0	0
##	[20690,]	0.000000e+00	0.000000e+00	0	0
##	[20691,]	0.000000e+00	0.000000e+00	0	0
##	[20692,]	5.929000e+03	0.000000e+00	0	0
##	[20693,]	1.265625e+06	0.000000e+00	0	0
##	[20694,]	0.000000e+00	0.000000e+00	0	0
##	[20695,]	9.006010e+05	0.000000e+00	0	0
##	[20696,]	2.989095e+08	0.000000e+00	0	0
##	[20697,]	1.040400e+04	0.000000e+00	0	0
##	[20698,]	0.000000e+00	0.000000e+00	0	0
##	[20699,]	4.164121e+07	0.000000e+00	0	0
##	[20700,]	0.000000e+00	0.000000e+00	0	0
##	[20701,]	2.735290e+05	0.000000e+00	0	0
##	[20702,]	9.801000e+03	0.000000e+00	0	0
##	[20703,]	9.585216e+06	0.000000e+00	0	0
##	[20704,]	1.225000e+03	0.000000e+00	0	0
##	[20705,]	0.000000e+00	0.000000e+00	0	0
##	[20706,]	2.641960e+05	0.000000e+00	0	0
##	[20707,]	1.090320e+07	0.000000e+00	0	0
##	[20708,]	3.600000e+01	0.000000e+00	0	0
##	[20709,]	1.608010e+05	0.000000e+00	0	0
##	[20710,]	0.000000e+00	0.000000e+00	0	0
##	[20711,]	2.502724e+06	0.000000e+00	0	0
##	[20712,]	4.000000e+00	0.000000e+00	0	0
##	[20713,]	2.310400e+04	0.000000e+00	0	0
##	[20714,]	2.199610e+05	0.000000e+00	0	0
##	[20715,]	0.000000e+00	0.000000e+00	0	0
##	[20716,]	0.000000e+00	0.000000e+00	0	0
##	[20717,]	0.000000e+00	0.000000e+00	0	0
##	[20718,]	4.000000e+00	0.000000e+00	0	0
##	[20719,]	1.600000e+01	0.000000e+00	0	0
##	[20720,]	0.000000e+00	0.000000e+00	0	0
##	[20721,]	4.998490e+05	0.000000e+00	0	0
##	[20722,]	8.714304e+06	0.000000e+00	0	0
##	[20723,]	1.960000e+02	0.000000e+00	0	0
##	[20724,]	3.521252e+08	0.000000e+00	0	0
##	[20725,]	2.016010e+05	0.000000e+00	0	0
##	[20726,]	4.177118e+08	0.000000e+00	0	0
##	[20727,]	0.000000e+00	0.000000e+00	0	0
##	[20728,]	0.000000e+00	0.000000e+00	0	0

##	[20729,]	0.000000e+00	0.000000e+00	0	0
##	[20730,]	2.809000e+03	0.000000e+00	0	0
##	[20731,]	0.000000e+00	0.000000e+00	0	0
##	[20732,]	1.764000e+03	0.000000e+00	0	0
##	[20733,]	5.041000e+03	0.000000e+00	0	0
##	[20734,]	1.423553e+07	0.000000e+00	0	0
##	[20735,]	0.000000e+00	0.000000e+00	0	0
##	[20736,]	1.239040e+05	0.000000e+00	0	0
##	[20737,]	8.436422e+07	0.000000e+00	0	0
##	[20738,]	1.427069e+08	0.000000e+00	0	0
##	[20739,]	0.000000e+00	0.000000e+00	0	0
##	[20740,]	1.166906e+07	0.000000e+00	0	0
##	[20741,]	5.755201e+06	0.000000e+00	0	0
##	[20742,]	0.000000e+00	0.000000e+00	0	0
##	[20743,]	8.410000e+02	0.000000e+00	0	0
##	[20744,]	9.928801e+06	0.000000e+00	0	0
##	[20745,]	5.290000e+02	0.000000e+00	0	0
##	[20746,]	0.000000e+00	0.000000e+00	0	0
##	[20747,]	1.225700e+07	0.000000e+00	0	0
##	[20748,]	1.000000e+00	0.000000e+00	0	0
##	[20749,]	4.596840e+05	0.000000e+00	0	0
##	[20750,]	4.057690e+05	0.000000e+00	0	0
##	[20751,]	0.000000e+00	0.000000e+00	0	0
##	[20752,]	5.522500e+04	0.000000e+00	0	0
##	[20753,]	4.000000e+00	0.000000e+00	0	0
##	[20754,]	4.452100e+04	0.000000e+00	0	0
##	[20755,]	0.000000e+00	0.000000e+00	0	0
##	[20756,]	1.764000e+03	0.000000e+00	0	0
##	[20757,]	0.000000e+00	0.000000e+00	0	0
##	[20758,]	0.000000e+00	0.000000e+00	0	0
##	[20759,]	1.000000e+00	0.000000e+00	0	0
##	[20760,]	4.900000e+01	0.000000e+00	0	0
##	[20761,]	0.000000e+00	0.000000e+00	0	0
##	[20762,]	4.446222e+07	0.000000e+00	0	0
##	[20763,]	5.431690e+05	0.000000e+00	0	0
##	[20764,]	1.474560e+05	0.000000e+00	0	0
##	[20765,]	5.846132e+07	0.000000e+00	0	0
##	[20766,]	0.000000e+00	0.000000e+00	0	0
##	[20767,]	6.229945e+07	0.000000e+00	0	0
##	[20768,]	0.000000e+00	0.000000e+00	0	0
##	[20769,]	0.000000e+00	0.000000e+00	0	0
##	[20770,]	7.840000e+02	0.000000e+00	0	0
##	[20771,]	0.000000e+00	0.000000e+00	0	0
##	[20772,]	0.000000e+00	0.000000e+00	0	0
##	[20773,]	4.243600e+04	0.000000e+00	0	0
##	[20774,]	1.521000e+03	0.000000e+00	0	0
##	[20775,]	1.612900e+06	0.000000e+00	0	0
##	[20776,]	1.049760e+05	0.000000e+00	0	0
##	[20777,]	1.587226e+07	0.000000e+00	0	0
##	[20778,]	2.138138e+07	0.000000e+00	0	0
##	[20779,]	0.000000e+00	0.000000e+00	0	0
##	[20780,]	1.210000e+02	0.000000e+00	0	0
##	[20781,]	9.506250e+05	0.000000e+00	0	0
##	[20782,]	0.000000e+00	0.000000e+00	0	0

##	[20783,]	3.724900e+06	0.000000e+00	0	0
##	[20784,]	8.100000e+01	0.000000e+00	0	0
##	[20785,]	0.000000e+00	0.000000e+00	0	0
##	[20786,]	4.569760e+05	0.000000e+00	0	0
##	[20787,]	9.158490e+05	0.000000e+00	0	0
##	[20788,]	6.400900e+04	0.000000e+00	0	0
##	[20789,]	0.000000e+00	0.000000e+00	0	0
##	[20790,]	1.797760e+05	0.000000e+00	0	0
##	[20791,]	1.000000e+00	0.000000e+00	0	0
##	[20792,]	9.025000e+03	0.000000e+00	0	0
##	[20793,]	0.000000e+00	0.000000e+00	0	0
##	[20794,]	2.102500e+04	0.000000e+00	0	0
##	[20795,]	0.000000e+00	0.000000e+00	0	0
##	[20796,]	3.600000e+01	0.000000e+00	0	0
##	[20797,]	1.000000e+00	0.000000e+00	0	0
##	[20798,]	2.500000e+01	0.000000e+00	0	0
##	[20799,]	0.000000e+00	0.000000e+00	0	0
##	[20800,]	0.000000e+00	0.000000e+00	0	0
##	[20801,]	0.000000e+00	0.000000e+00	0	0
##	[20802,]	1.049760e+05	0.000000e+00	0	0
##	[20803,]	1.642681e+07	0.000000e+00	0	0
##	[20804,]	1.587600e+04	0.000000e+00	0	0
##	[20805,]	6.799652e+07	0.000000e+00	0	0
##	[20806,]	8.643600e+06	0.000000e+00	0	0
##	[20807,]	0.000000e+00	0.000000e+00	0	0
##	[20808,]	7.499560e+05	0.000000e+00	0	0
##	[20809,]	0.000000e+00	0.000000e+00	0	0
##	[20810,]	0.000000e+00	0.000000e+00	0	0
##	[20811,]	0.000000e+00	0.000000e+00	0	0
##	[20812,]	0.000000e+00	0.000000e+00	0	0
##	[20813,]	1.024000e+03	0.000000e+00	0	0
##	[20814,]	2.350089e+06	0.000000e+00	0	0
##	[20815,]	2.340900e+04	0.000000e+00	0	0
##	[20816,]	0.000000e+00	0.000000e+00	0	0
##	[20817,]	4.900000e+03	0.000000e+00	0	0
##	[20818,]	2.168765e+07	0.000000e+00	0	0
##	[20819,]	1.582564e+06	0.000000e+00	0	0
##	[20820,]	0.000000e+00	0.000000e+00	0	0
##	[20821,]	1.690000e+02	0.000000e+00	0	0
##	[20822,]	5.184000e+05	0.000000e+00	0	0
##	[20823,]	9.801000e+05	0.000000e+00	0	0
##	[20824,]	0.000000e+00	0.000000e+00	0	0
##	[20825,]	1.210000e+02	0.000000e+00	0	0
##	[20826,]	4.422250e+05	0.000000e+00	0	0
##	[20827,]	4.705960e+05	0.000000e+00	0	0
##	[20828,]	0.000000e+00	0.000000e+00	0	0
##	[20829,]	7.398400e+04	0.000000e+00	0	0
##	[20830,]	1.440000e+04	0.000000e+00	0	0
##	[20831,]	0.000000e+00	0.000000e+00	0	0
##	[20832,]	0.000000e+00	0.000000e+00	0	0
##	[20833,]	0.000000e+00	0.000000e+00	0	0
##	[20834,]	5.760000e+02	0.000000e+00	0	0
##	[20835,]	1.166400e+04	0.000000e+00	0	0
##	[20836,]	0.000000e+00	0.000000e+00	0	0

##	[20837,]	1.000000e+00	0.000000e+00	0	0
##	[20838,]	0.000000e+00	0.000000e+00	0	0
##	[20839,]	0.000000e+00	0.000000e+00	0	0
##	[20840,]	2.256250e+05	0.000000e+00	0	0
##	[20841,]	0.000000e+00	0.000000e+00	0	0
##	[20842,]	1.440000e+02	0.000000e+00	0	0
##	[20843,]	1.697440e+05	0.000000e+00	0	0
##	[20844,]	0.000000e+00	0.000000e+00	0	0
##	[20845,]	8.332038e+07	0.000000e+00	0	0
##	[20846,]	2.223081e+06	0.000000e+00	0	0
##	[20847,]	1.106704e+06	0.000000e+00	0	0
##	[20848,]	0.000000e+00	0.000000e+00	0	0
##	[20849,]	0.000000e+00	0.000000e+00	0	0
##	[20850,]	1.540081e+06	0.000000e+00	0	0
##	[20851,]	0.000000e+00	0.000000e+00	0	0
##	[20852,]	4.000000e+00	0.000000e+00	0	0
##	[20853,]	0.000000e+00	0.000000e+00	0	0
##	[20854,]	2.220100e+04	0.000000e+00	0	0
##	[20855,]	3.426201e+06	0.000000e+00	0	0
##	[20856,]	4.624000e+03	0.000000e+00	0	0
##	[20857,]	0.000000e+00	0.000000e+00	0	0
##	[20858,]	3.733210e+05	0.000000e+00	0	0
##	[20859,]	4.542760e+05	0.000000e+00	0	0
##	[20860,]	2.898746e+07	0.000000e+00	0	0
##	[20861,]	0.000000e+00	0.000000e+00	0	0
##	[20862,]	9.985600e+04	0.000000e+00	0	0
##	[20863,]	0.000000e+00	0.000000e+00	0	0
##	[20864,]	1.932100e+04	0.000000e+00	0	0
##	[20865,]	1.089936e+06	0.000000e+00	0	0
##	[20866,]	3.158440e+05	0.000000e+00	0	0
##	[20867,]	4.410000e+04	0.000000e+00	0	0
##	[20868,]	0.000000e+00	0.000000e+00	0	0
##	[20869,]	1.322500e+04	0.000000e+00	0	0
##	[20870,]	0.000000e+00	0.000000e+00	0	0
##	[20871,]	4.536900e+04	0.000000e+00	0	0
##	[20872,]	2.560000e+04	0.000000e+00	0	0
##	[20873,]	9.000000e+02	0.000000e+00	0	0
##	[20874,]	0.000000e+00	0.000000e+00	0	0
##	[20875,]	3.969000e+03	0.000000e+00	0	0
##	[20876,]	5.476000e+03	0.000000e+00	0	0
##	[20877,]	6.400000e+01	0.000000e+00	0	0
##	[20878,]	0.000000e+00	0.000000e+00	0	0
##	[20879,]	0.000000e+00	0.000000e+00	0	0
##	[20880,]	4.000000e+00	0.000000e+00	0	0
##	[20881,]	0.000000e+00	0.000000e+00	0	0
##	[20882,]	1.497690e+05	0.000000e+00	0	0
##	[20883,]	3.025000e+03	0.000000e+00	0	0
##	[20884,]	2.890000e+02	0.000000e+00	0	0
##	[20885,]	0.000000e+00	0.000000e+00	0	0
##	[20886,]	1.225000e+05	0.000000e+00	0	0
##	[20887,]	0.000000e+00	0.000000e+00	0	0
##	[20888,]	2.951868e+08	0.000000e+00	0	0
##	[20889,]	6.480250e+05	0.000000e+00	0	0
##	[20890,]	0.000000e+00	0.000000e+00	0	0

##	[20891,]	4.000000e+00	0.000000e+00	0	0
##	[20892,]	0.000000e+00	0.000000e+00	0	0
##	[20893,]	1.000000e+00	0.000000e+00	0	0
##	[20894,]	1.745041e+06	0.000000e+00	0	0
##	[20895,]	0.000000e+00	0.000000e+00	0	0
##	[20896,]	0.000000e+00	0.000000e+00	0	0
##	[20897,]	1.168272e+07	0.000000e+00	0	0
##	[20898,]	2.116000e+03	0.000000e+00	0	0
##	[20899,]	6.250000e+02	0.000000e+00	0	0
##	[20900,]	0.000000e+00	0.000000e+00	0	0
##	[20901,]	9.643240e+07	0.000000e+00	0	0
##	[20902,]	4.579600e+04	0.000000e+00	0	0
##	[20903,]	0.000000e+00	0.000000e+00	0	0
##	[20904,]	1.218010e+05	0.000000e+00	0	0
##	[20905,]	4.661281e+06	0.000000e+00	0	0
##	[20906,]	3.459600e+04	0.000000e+00	0	0
##	[20907,]	1.936000e+03	0.000000e+00	0	0
##	[20908,]	0.000000e+00	0.000000e+00	0	0
##	[20909,]	1.336336e+06	0.000000e+00	0	0
##	[20910,]	1.188100e+04	0.000000e+00	0	0
##	[20911,]	0.000000e+00	0.000000e+00	0	0
##	[20912,]	1.225000e+03	0.000000e+00	0	0
##	[20913,]	1.102500e+04	0.000000e+00	0	0
##	[20914,]	0.000000e+00	0.000000e+00	0	0
##	[20915,]	1.874890e+05	0.000000e+00	0	0
##	[20916,]	8.100000e+01	0.000000e+00	0	0
##	[20917,]	4.000000e+00	0.000000e+00	0	0
##	[20918,]	9.610000e+02	0.000000e+00	0	0
##	[20919,]	0.000000e+00	0.000000e+00	0	0
##	[20920,]	3.802500e+04	0.000000e+00	0	0
##	[20921,]	0.000000e+00	0.000000e+00	0	0
##	[20922,]	4.000000e+00	0.000000e+00	0	0
##	[20923,]	0.000000e+00	0.000000e+00	0	0
##	[20924,]	0.000000e+00	0.000000e+00	0	0
##	[20925,]	7.259040e+05	0.000000e+00	0	0
##	[20926,]	1.000000e+00	0.000000e+00	0	0
##	[20927,]	0.000000e+00	0.000000e+00	0	0
##	[20928,]	2.560000e+02	0.000000e+00	0	0
##	[20929,]	1.207801e+06	0.000000e+00	0	0
##	[20930,]	0.000000e+00	0.000000e+00	0	0
##	[20931,]	7.022500e+04	0.000000e+00	0	0
##	[20932,]	2.135398e+08	0.000000e+00	0	0
##	[20933,]	0.000000e+00	0.000000e+00	0	0
##	[20934,]	0.000000e+00	0.000000e+00	0	0
##	[20935,]	4.000000e+00	0.000000e+00	0	0
##	[20936,]	0.000000e+00	0.000000e+00	0	0
##	[20937,]	5.625000e+05	0.000000e+00	0	0
##	[20938,]	0.000000e+00	0.000000e+00	0	0
##	[20939,]	0.000000e+00	0.000000e+00	0	0
##	[20940,]	3.600000e+01	0.000000e+00	0	0
##	[20941,]	0.000000e+00	0.000000e+00	0	0
##	[20942,]	4.326400e+04	0.000000e+00	0	0
##	[20943,]	8.100000e+01	0.000000e+00	0	0
##	[20944,]	9.759376e+06	0.000000e+00	0	0

##	[20945,]	8.649000e+03	0.000000e+00	0	0
##	[20946,]	4.624000e+05	0.000000e+00	0	0
##	[20947,]	0.000000e+00	0.000000e+00	0	0
##	[20948,]	7.172396e+07	0.000000e+00	0	0
##	[20949,]	6.724000e+03	0.000000e+00	0	0
##	[20950,]	0.000000e+00	0.000000e+00	0	0
##	[20951,]	1.638400e+04	0.000000e+00	0	0
##	[20952,]	2.461761e+06	0.000000e+00	0	0
##	[20953,]	2.500000e+03	0.000000e+00	0	0
##	[20954,]	3.969000e+03	0.000000e+00	0	0
##	[20955,]	0.000000e+00	0.000000e+00	0	0
##	[20956,]	7.022440e+05	0.000000e+00	0	0
##	[20957,]	2.560000e+02	0.000000e+00	0	0
##	[20958,]	1.814760e+05	0.000000e+00	0	0
##	[20959,]	5.290000e+02	0.000000e+00	0	0
##	[20960,]	0.000000e+00	0.000000e+00	0	0
##	[20961,]	1.600000e+01	0.000000e+00	0	0
##	[20962,]	3.496900e+04	0.000000e+00	0	0
##	[20963,]	6.400000e+01	0.000000e+00	0	0
##	[20964,]	0.000000e+00	0.000000e+00	0	0
##	[20965,]	0.000000e+00	0.000000e+00	0	0
##	[20966,]	4.000000e+00	0.000000e+00	0	0
##	[20967,]	0.000000e+00	0.000000e+00	0	0
##	[20968,]	0.000000e+00	0.000000e+00	0	0
##	[20969,]	4.900000e+01	0.000000e+00	0	0
##	[20970,]	2.265760e+05	0.000000e+00	0	0
##	[20971,]	0.000000e+00	0.000000e+00	0	0
##	[20972,]	1.936000e+03	0.000000e+00	0	0
##	[20973,]	6.162250e+05	0.000000e+00	0	0
##	[20974,]	1.383682e+08	0.000000e+00	0	0
##	[20975,]	0.000000e+00	0.000000e+00	0	0
##	[20976,]	4.452100e+04	0.000000e+00	0	0
##	[20977,]	0.000000e+00	0.000000e+00	0	0
##	[20978,]	0.000000e+00	0.000000e+00	0	0
##	[20979,]	4.000000e+00	0.000000e+00	0	0
##	[20980,]	0.000000e+00	0.000000e+00	0	0
##	[20981,]	0.000000e+00	0.000000e+00	0	0
##	[20982,]	0.000000e+00	0.000000e+00	0	0
##	[20983,]	3.516490e+05	0.000000e+00	0	0
##	[20984,]	1.000000e+00	0.000000e+00	0	0
##	[20985,]	2.500000e+01	0.000000e+00	0	0
##	[20986,]	8.048569e+06	0.000000e+00	0	0
##	[20987,]	0.000000e+00	0.000000e+00	0	0
##	[20988,]	2.310400e+04	0.000000e+00	0	0
##	[20989,]	2.704000e+03	0.000000e+00	0	0
##	[20990,]	1.664640e+05	0.000000e+00	0	0
##	[20991,]	0.000000e+00	0.000000e+00	0	0
##	[20992,]	4.588708e+07	0.000000e+00	0	0
##	[20993,]	0.000000e+00	0.000000e+00	0	0
##	[20994,]	1.036324e+06	0.000000e+00	0	0
##	[20995,]	1.612900e+04	0.000000e+00	0	0
##	[20996,]	6.561000e+03	0.000000e+00	0	0
##	[20997,]	3.819240e+05	0.000000e+00	0	0
##	[20998,]	5.184000e+03	0.000000e+00	0	0

##	[20999,]	1.936000e+03	0.000000e+00	0	0
##	[21000,]	0.000000e+00	0.000000e+00	0	0
##	[21001,]	4.000000e+02	0.000000e+00	0	0
##	[21002,]	0.000000e+00	0.000000e+00	0	0
##	[21003,]	7.290000e+02	0.000000e+00	0	0
##	[21004,]	1.142440e+05	0.000000e+00	0	0
##	[21005,]	3.600000e+01	0.000000e+00	0	0
##	[21006,]	0.000000e+00	0.000000e+00	0	0
##	[21007,]	4.000000e+00	0.000000e+00	0	0
##	[21008,]	3.168400e+04	0.000000e+00	0	0
##	[21009,]	0.000000e+00	0.000000e+00	0	0
##	[21010,]	4.000000e+00	0.000000e+00	0	0
##	[21011,]	8.100000e+01	0.000000e+00	0	0
##	[21012,]	1.000000e+00	0.000000e+00	0	0
##	[21013,]	1.764000e+05	0.000000e+00	0	0
##	[21014,]	4.000000e+02	0.000000e+00	0	0
##	[21015,]	1.000000e+00	0.000000e+00	0	0
##	[21016,]	0.000000e+00	0.000000e+00	0	0
##	[21017,]	3.132900e+04	0.000000e+00	0	0
##	[21018,]	1.279387e+08	0.000000e+00	0	0
##	[21019,]	0.000000e+00	0.000000e+00	0	0
##	[21020,]	1.640250e+05	0.000000e+00	0	0
##	[21021,]	0.000000e+00	0.000000e+00	0	0
##	[21022,]	0.000000e+00	0.000000e+00	0	0
##	[21023,]	0.000000e+00	0.000000e+00	0	0
##	[21024,]	5.358240e+05	0.000000e+00	0	0
##	[21025,]	1.071225e+06	0.000000e+00	0	0
##	[21026,]	0.000000e+00	0.000000e+00	0	0
##	[21027,]	0.000000e+00	0.000000e+00	0	0
##	[21028,]	3.600000e+01	0.000000e+00	0	0
##	[21029,]	7.166329e+06	0.000000e+00	0	0
##	[21030,]	4.761000e+03	0.000000e+00	0	0
##	[21031,]	0.000000e+00	0.000000e+00	0	0
##	[21032,]	3.600000e+01	0.000000e+00	0	0
##	[21033,]	4.391713e+07	0.000000e+00	0	0
##	[21034,]	5.953600e+04	0.000000e+00	0	0
##	[21035,]	7.056000e+03	0.000000e+00	0	0
##	[21036,]	0.000000e+00	0.000000e+00	0	0
##	[21037,]	9.880360e+05	0.000000e+00	0	0
##	[21038,]	1.024000e+03	0.000000e+00	0	0
##	[21039,]	2.601000e+03	0.000000e+00	0	0
##	[21040,]	0.000000e+00	0.000000e+00	0	0
##	[21041,]	3.091360e+05	0.000000e+00	0	0
##	[21042,]	0.000000e+00	0.000000e+00	0	0
##	[21043,]	8.410000e+02	0.000000e+00	0	0
##	[21044,]	7.290000e+02	0.000000e+00	0	0
##	[21045,]	9.734400e+04	0.000000e+00	0	0
##	[21046,]	4.410000e+02	0.000000e+00	0	0
##	[21047,]	1.000000e+02	0.000000e+00	0	0
##	[21048,]	0.000000e+00	0.000000e+00	0	0
##	[21049,]	2.102500e+04	0.000000e+00	0	0
##	[21050,]	1.600000e+01	0.000000e+00	0	0
##	[21051,]	2.500000e+01	0.000000e+00	0	0
##	[21052,]	0.000000e+00	0.000000e+00	0	0

##	[21053,]	0.000000e+00	0.000000e+00	0	0
##	[21054,]	0.000000e+00	0.000000e+00	0	0
##	[21055,]	0.000000e+00	0.000000e+00	0	0
##	[21056,]	0.000000e+00	0.000000e+00	0	0
##	[21057,]	8.468100e+04	0.000000e+00	0	0
##	[21058,]	2.704000e+03	0.000000e+00	0	0
##	[21059,]	0.000000e+00	0.000000e+00	0	0
##	[21060,]	1.600000e+01	0.000000e+00	0	0
##	[21061,]	3.871328e+07	1.795600e+04	0	0
##	[21062,]	4.708900e+04	0.000000e+00	0	0
##	[21063,]	0.000000e+00	0.000000e+00	0	0
##	[21064,]	2.883690e+05	0.000000e+00	0	0
##	[21065,]	9.273690e+05	0.000000e+00	0	0
##	[21066,]	6.400000e+01	0.000000e+00	0	0
##	[21067,]	0.000000e+00	0.000000e+00	0	0
##	[21068,]	0.000000e+00	0.000000e+00	0	0
##	[21069,]	4.410000e+02	0.000000e+00	0	0
##	[21070,]	1.020100e+06	0.000000e+00	0	0
##	[21071,]	0.000000e+00	0.000000e+00	0	0
##	[21072,]	0.000000e+00	0.000000e+00	0	0
##	[21073,]	2.289169e+06	4.000000e+00	0	0
##	[21074,]	8.100000e+01	0.000000e+00	0	0
##	[21075,]	0.000000e+00	0.000000e+00	0	0
##	[21076,]	5.929000e+03	0.000000e+00	0	0
##	[21077,]	1.195776e+07	2.500000e+01	0	0
##	[21078,]	0.000000e+00	0.000000e+00	0	0
##	[21079,]	1.225000e+05	0.000000e+00	0	0
##	[21080,]	1.537600e+04	0.000000e+00	0	0
##	[21081,]	5.760000e+02	0.000000e+00	0	0
##	[21082,]	2.500000e+03	0.000000e+00	0	0
##	[21083,]	4.070440e+05	8.100000e+01	0	0
##	[21084,]	0.000000e+00	0.000000e+00	0	0
##	[21085,]	4.410000e+02	0.000000e+00	0	0
##	[21086,]	1.600000e+03	0.000000e+00	0	0
##	[21087,]	0.000000e+00	0.000000e+00	0	0
##	[21088,]	1.260250e+05	1.440000e+02	0	0
##	[21089,]	7.840000e+02	0.000000e+00	0	0
##	[21090,]	2.250000e+02	0.000000e+00	0	0
##	[21091,]	0.000000e+00	0.000000e+00	0	0
##	[21092,]	3.276100e+04	7.290000e+02	0	0
##	[21093,]	1.210000e+02	0.000000e+00	0	0
##	[21094,]	2.500000e+01	0.000000e+00	0	0
##	[21095,]	0.000000e+00	0.000000e+00	0	0
##	[21096,]	5.929000e+03	6.241000e+03	0	0
##	[21097,]	0.000000e+00	0.000000e+00	0	0
##	[21098,]	0.000000e+00	0.000000e+00	0	0
##	[21099,]	0.000000e+00	1.000000e+00	0	0
##	[21100,]	0.000000e+00	0.000000e+00	0	0
##	[21101,]	4.000000e+02	0.000000e+00	0	0
##	[21102,]	0.000000e+00	0.000000e+00	0	0
##	[21103,]	5.712100e+04	1.322500e+04	0	0
##	[21104,]	1.000000e+00	0.000000e+00	0	0
##	[21105,]	4.410000e+04	0.000000e+00	0	0
##	[21106,]	3.053668e+07	1.040400e+06	0	0

##	[21107,]	0.000000e+00	0.000000e+00	0	0
##	[21108,]	4.886010e+05	0.000000e+00	0	0
##	[21109,]	0.000000e+00	0.000000e+00	0	0
##	[21110,]	8.723560e+05	0.000000e+00	0	0
##	[21111,]	9.409000e+03	0.000000e+00	0	0
##	[21112,]	0.000000e+00	0.000000e+00	0	0
##	[21113,]	0.000000e+00	0.000000e+00	0	0
##	[21114,]	8.537760e+05	0.000000e+00	0	0
##	[21115,]	9.409000e+03	0.000000e+00	0	0
##	[21116,]	0.000000e+00	0.000000e+00	0	0
##	[21117,]	0.000000e+00	0.000000e+00	0	0
##	[21118,]	1.459264e+06	1.440000e+02	0	0
##	[21119,]	1.232100e+04	0.000000e+00	0	0
##	[21120,]	1.000000e+02	0.000000e+00	0	0
##	[21121,]	9.728161e+06	2.822400e+04	0	0
##	[21122,]	0.000000e+00	0.000000e+00	0	0
##	[21123,]	1.584040e+05	0.000000e+00	0	0
##	[21124,]	1.123600e+04	0.000000e+00	0	0
##	[21125,]	3.364000e+05	8.100000e+03	0	0
##	[21126,]	9.216000e+03	0.000000e+00	0	0
##	[21127,]	0.000000e+00	0.000000e+00	0	0
##	[21128,]	1.369000e+03	0.000000e+00	0	0
##	[21129,]	1.089000e+03	0.000000e+00	0	0
##	[21130,]	0.000000e+00	0.000000e+00	0	0
##	[21131,]	4.225000e+03	0.000000e+00	0	0
##	[21132,]	1.267360e+05	1.368900e+04	0	0
##	[21133,]	2.560000e+02	0.000000e+00	0	0
##	[21134,]	4.410000e+02	0.000000e+00	0	0
##	[21135,]	3.312400e+04	1.849600e+04	0	0
##	[21136,]	0.000000e+00	0.000000e+00	0	0
##	[21137,]	6.561000e+03	2.470090e+05	0	0
##	[21138,]	6.400000e+01	0.000000e+00	0	0
##	[21139,]	6.400000e+01	0.000000e+00	0	0
##	[21140,]	0.000000e+00	0.000000e+00	0	0
##	[21141,]	0.000000e+00	0.000000e+00	0	0
##	[21142,]	0.000000e+00	0.000000e+00	0	0
##	[21143,]	0.000000e+00	0.000000e+00	0	0
##	[21144,]	0.000000e+00	0.000000e+00	0	0
##	[21145,]	9.000000e+02	0.000000e+00	0	0
##	[21146,]	1.552360e+05	6.691240e+05	0	0
##	[21147,]	0.000000e+00	0.000000e+00	0	0
##	[21148,]	9.000000e+00	0.000000e+00	0	0
##	[21149,]	1.764000e+05	8.100000e+01	0	0
##	[21150,]	2.137213e+07	3.179089e+06	0	0
##	[21151,]	2.160900e+04	0.000000e+00	0	0
##	[21152,]	0.000000e+00	0.000000e+00	0	0
##	[21153,]	0.000000e+00	0.000000e+00	0	0
##	[21154,]	0.000000e+00	0.000000e+00	0	0
##	[21155,]	8.046090e+05	0.000000e+00	0	0
##	[21156,]	3.481000e+03	0.000000e+00	0	0
##	[21157,]	1.024000e+03	0.000000e+00	0	0
##	[21158,]	0.000000e+00	0.000000e+00	0	0
##	[21159,]	0.000000e+00	0.000000e+00	0	0
##	[21160,]	5.387560e+05	0.000000e+00	0	0

##	[21161,]	0.000000e+00	0.000000e+00	0	0
##	[21162,]	1.440000e+02	0.000000e+00	0	0
##	[21163,]	1.196836e+06	1.440000e+02	0	0
##	[21164,]	3.969000e+03	0.000000e+00	0	0
##	[21165,]	3.844000e+03	0.000000e+00	0	0
##	[21166,]	6.497401e+06	2.550250e+05	0	0
##	[21167,]	6.300100e+04	9.000000e+00	0	0
##	[21168,]	0.000000e+00	0.000000e+00	0	0
##	[21169,]	8.410000e+02	0.000000e+00	0	0
##	[21170,]	3.969000e+03	0.000000e+00	0	0
##	[21171,]	2.540160e+05	1.030410e+05	0	0
##	[21172,]	0.000000e+00	0.000000e+00	0	0
##	[21173,]	7.672900e+04	1.142440e+05	0	0
##	[21174,]	4.840000e+02	0.000000e+00	0	0
##	[21175,]	7.840000e+02	9.000000e+00	0	0
##	[21176,]	0.000000e+00	0.000000e+00	0	0
##	[21177,]	1.000000e+02	9.000000e+00	0	0
##	[21178,]	1.638400e+04	4.972900e+04	0	0
##	[21179,]	2.560000e+02	0.000000e+00	0	0
##	[21180,]	0.000000e+00	0.000000e+00	0	0
##	[21181,]	3.600000e+01	0.000000e+00	0	0
##	[21182,]	0.000000e+00	0.000000e+00	0	0
##	[21183,]	2.500000e+01	0.000000e+00	0	0
##	[21184,]	5.041000e+03	1.474560e+05	0	0
##	[21185,]	0.000000e+00	0.000000e+00	0	0
##	[21186,]	1.000000e+00	1.000000e+00	0	0
##	[21187,]	0.000000e+00	0.000000e+00	0	0
##	[21188,]	0.000000e+00	1.552360e+05	0	0
##	[21189,]	1.849000e+03	0.000000e+00	0	0
##	[21190,]	1.000000e+00	0.000000e+00	0	0
##	[21191,]	4.368100e+04	4.382440e+05	0	0
##	[21192,]	0.000000e+00	0.000000e+00	0	0
##	[21193,]	0.000000e+00	0.000000e+00	0	0
##	[21194,]	1.975802e+07	1.251744e+07	0	0
##	[21195,]	1.980250e+05	6.760000e+02	0	0
##	[21196,]	1.304164e+06	0.000000e+00	0	0
##	[21197,]	0.000000e+00	0.000000e+00	0	0
##	[21198,]	0.000000e+00	0.000000e+00	0	0
##	[21199,]	2.209000e+03	0.000000e+00	0	0
##	[21200,]	4.872040e+05	0.000000e+00	0	0
##	[21201,]	0.000000e+00	0.000000e+00	0	0
##	[21202,]	3.684490e+05	0.000000e+00	0	0
##	[21203,]	0.000000e+00	0.000000e+00	0	0
##	[21204,]	1.849000e+03	0.000000e+00	0	0
##	[21205,]	7.293160e+05	1.690000e+02	0	0
##	[21206,]	7.236100e+04	0.000000e+00	0	0
##	[21207,]	0.000000e+00	0.000000e+00	0	0
##	[21208,]	5.184000e+03	0.000000e+00	0	0
##	[21209,]	6.451600e+04	4.000000e+00	0	0
##	[21210,]	5.299840e+05	0.000000e+00	0	0
##	[21211,]	0.000000e+00	0.000000e+00	0	0
##	[21212,]	6.477025e+06	6.609690e+05	0	0
##	[21213,]	4.356000e+03	1.000000e+00	0	0
##	[21214,]	2.470090e+05	2.034010e+05	0	0

##	[21215,]	7.056000e+03	0.000000e+00	0	0
##	[21216,]	0.000000e+00	0.000000e+00	0	0
##	[21217,]	1.369000e+03	0.000000e+00	0	0
##	[21218,]	1.253160e+05	2.088490e+05	0	0
##	[21219,]	0.000000e+00	0.000000e+00	0	0
##	[21220,]	1.156000e+03	0.000000e+00	0	0
##	[21221,]	1.638400e+04	5.428900e+04	0	0
##	[21222,]	0.000000e+00	0.000000e+00	0	0
##	[21223,]	2.890000e+02	0.000000e+00	0	0
##	[21224,]	1.210000e+02	1.000000e+00	0	0
##	[21225,]	2.500000e+01	4.840000e+02	0	0
##	[21226,]	4.489000e+03	2.468041e+06	0	0
##	[21227,]	0.000000e+00	0.000000e+00	0	0
##	[21228,]	1.000000e+02	0.000000e+00	0	0
##	[21229,]	0.000000e+00	0.000000e+00	0	0
##	[21230,]	1.000000e+00	3.036010e+05	0	0
##	[21231,]	0.000000e+00	4.000000e+00	0	0
##	[21232,]	1.000000e+00	0.000000e+00	0	0
##	[21233,]	1.600000e+01	0.000000e+00	0	0
##	[21234,]	0.000000e+00	0.000000e+00	0	0
##	[21235,]	1.102240e+05	1.128960e+05	0	0
##	[21236,]	9.000000e+00	0.000000e+00	0	0
##	[21237,]	9.604000e+03	0.000000e+00	0	0
##	[21238,]	1.616040e+05	1.060900e+04	0	0
##	[21239,]	2.343528e+07	3.223968e+07	0	0
##	[21240,]	0.000000e+00	0.000000e+00	0	0
##	[21241,]	1.296000e+03	0.000000e+00	0	0
##	[21242,]	0.000000e+00	0.000000e+00	0	0
##	[21243,]	0.000000e+00	0.000000e+00	0	0
##	[21244,]	9.177640e+05	0.000000e+00	0	0
##	[21245,]	5.852250e+05	0.000000e+00	0	0
##	[21246,]	1.156000e+03	0.000000e+00	0	0
##	[21247,]	0.000000e+00	0.000000e+00	0	0
##	[21248,]	0.000000e+00	0.000000e+00	0	0
##	[21249,]	4.624000e+03	0.000000e+00	0	0
##	[21250,]	4.900000e+01	0.000000e+00	0	0
##	[21251,]	0.000000e+00	0.000000e+00	0	0
##	[21252,]	7.361640e+05	1.000000e+02	0	0
##	[21253,]	7.524049e+06	1.528810e+05	0	0
##	[21254,]	1.681000e+03	0.000000e+00	0	0
##	[21255,]	0.000000e+00	0.000000e+00	0	0
##	[21256,]	6.100900e+04	1.210000e+02	0	0
##	[21257,]	2.116000e+03	1.600000e+01	0	0
##	[21258,]	0.000000e+00	0.000000e+00	0	0
##	[21259,]	3.856410e+05	5.152900e+04	0	0
##	[21260,]	3.240000e+02	0.000000e+00	0	0
##	[21261,]	1.513210e+05	5.062500e+04	0	0
##	[21262,]	0.000000e+00	0.000000e+00	0	0
##	[21263,]	5.760000e+02	8.100000e+01	0	0
##	[21264,]	3.240000e+02	0.000000e+00	0	0
##	[21265,]	0.000000e+00	0.000000e+00	0	0
##	[21266,]	1.000000e+02	8.100000e+01	0	0
##	[21267,]	2.250000e+04	3.168400e+04	0	0
##	[21268,]	1.000000e+02	0.000000e+00	0	0

##	[21269,]	4.900000e+01	4.900000e+03	0	0
##	[21270,]	0.000000e+00	0.000000e+00	0	0
##	[21271,]	1.600000e+01	0.000000e+00	0	0
##	[21272,]	6.400000e+03	2.159461e+07	0	0
##	[21273,]	1.440000e+02	1.324960e+05	0	0
##	[21274,]	0.000000e+00	0.000000e+00	0	0
##	[21275,]	0.000000e+00	9.000000e+00	0	0
##	[21276,]	4.000000e+00	0.000000e+00	0	0
##	[21277,]	0.000000e+00	0.000000e+00	0	0
##	[21278,]	2.580640e+05	5.428900e+04	0	0
##	[21279,]	9.000000e+00	0.000000e+00	0	0
##	[21280,]	1.690000e+02	1.000000e+00	0	0
##	[21281,]	1.402502e+07	7.826941e+07	0	0
##	[21282,]	2.819610e+05	3.572100e+04	0	0
##	[21283,]	5.776000e+03	0.000000e+00	0	0
##	[21284,]	0.000000e+00	0.000000e+00	0	0
##	[21285,]	0.000000e+00	0.000000e+00	0	0
##	[21286,]	2.560360e+05	0.000000e+00	0	0
##	[21287,]	0.000000e+00	0.000000e+00	0	0
##	[21288,]	1.521000e+03	0.000000e+00	0	0
##	[21289,]	1.831840e+05	0.000000e+00	0	0
##	[21290,]	0.000000e+00	0.000000e+00	0	0
##	[21291,]	1.296000e+03	0.000000e+00	0	0
##	[21292,]	0.000000e+00	0.000000e+00	0	0
##	[21293,]	6.352090e+05	2.500000e+01	0	0
##	[21294,]	2.500000e+01	0.000000e+00	0	0
##	[21295,]	4.624000e+03	0.000000e+00	0	0
##	[21296,]	0.000000e+00	0.000000e+00	0	0
##	[21297,]	4.223025e+06	9.610000e+04	0	0
##	[21298,]	8.410000e+02	0.000000e+00	0	0
##	[21299,]	1.211040e+05	1.600000e+01	0	0
##	[21300,]	0.000000e+00	0.000000e+00	0	0
##	[21301,]	1.624090e+05	5.760000e+04	0	0
##	[21302,]	2.250000e+02	0.000000e+00	0	0
##	[21303,]	3.844000e+03	2.500000e+01	0	0
##	[21304,]	0.000000e+00	0.000000e+00	0	0
##	[21305,]	7.290000e+04	1.376410e+05	0	0
##	[21306,]	0.000000e+00	0.000000e+00	0	0
##	[21307,]	2.560000e+02	0.000000e+00	0	0
##	[21308,]	9.000000e+02	2.560000e+02	0	0
##	[21309,]	2.160900e+04	4.990756e+06	0	0
##	[21310,]	0.000000e+00	0.000000e+00	0	0
##	[21311,]	6.400000e+01	0.000000e+00	0	0
##	[21312,]	3.610000e+02	7.056000e+03	0	0
##	[21313,]	9.000000e+00	0.000000e+00	0	0
##	[21314,]	0.000000e+00	0.000000e+00	0	0
##	[21315,]	5.329000e+03	3.234197e+07	0	0
##	[21316,]	1.600000e+01	6.400000e+03	0	0
##	[21317,]	2.500000e+01	4.536900e+04	0	0
##	[21318,]	0.000000e+00	1.000000e+00	0	0
##	[21319,]	0.000000e+00	0.000000e+00	0	0
##	[21320,]	4.000000e+00	0.000000e+00	0	0
##	[21321,]	3.610000e+02	1.600000e+01	0	0
##	[21322,]	1.232010e+05	2.924100e+04	0	0

##	[21323,]	0.000000e+00	0.000000e+00	0	0
##	[21324,]	1.600000e+01	0.000000e+00	0	0
##	[21325,]	6.990736e+06	6.776582e+07	0	0
##	[21326,]	6.561000e+03	0.000000e+00	0	0
##	[21327,]	0.000000e+00	0.000000e+00	0	0
##	[21328,]	1.115560e+05	9.120250e+05	0	0
##	[21329,]	1.690000e+02	0.000000e+00	0	0
##	[21330,]	0.000000e+00	0.000000e+00	0	0
##	[21331,]	0.000000e+00	0.000000e+00	0	0
##	[21332,]	8.468100e+04	0.000000e+00	0	0
##	[21333,]	6.100900e+04	0.000000e+00	0	0
##	[21334,]	2.250000e+02	0.000000e+00	0	0
##	[21335,]	0.000000e+00	0.000000e+00	0	0
##	[21336,]	0.000000e+00	0.000000e+00	0	0
##	[21337,]	2.304000e+05	9.000000e+00	0	0
##	[21338,]	1.764000e+03	0.000000e+00	0	0
##	[21339,]	9.000000e+00	0.000000e+00	0	0
##	[21340,]	0.000000e+00	0.000000e+00	0	0
##	[21341,]	2.292196e+06	3.062500e+04	0	0
##	[21342,]	0.000000e+00	0.000000e+00	0	0
##	[21343,]	4.284900e+04	3.600000e+01	0	0
##	[21344,]	2.890000e+02	0.000000e+00	0	0
##	[21345,]	9.734400e+04	9.604000e+03	0	0
##	[21346,]	2.704000e+03	4.900000e+01	0	0
##	[21347,]	1.960000e+02	0.000000e+00	0	0
##	[21348,]	0.000000e+00	0.000000e+00	0	0
##	[21349,]	4.410000e+02	1.690000e+02	0	0
##	[21350,]	3.841600e+04	4.277160e+05	0	0
##	[21351,]	0.000000e+00	0.000000e+00	0	0
##	[21352,]	3.610000e+02	0.000000e+00	0	0
##	[21353,]	9.216000e+03	2.049373e+07	0	0
##	[21354,]	0.000000e+00	0.000000e+00	0	0
##	[21355,]	2.500000e+01	6.625960e+05	0	0
##	[21356,]	5.290000e+02	0.000000e+00	0	0
##	[21357,]	2.116000e+03	7.700625e+06	0	0
##	[21358,]	0.000000e+00	0.000000e+00	0	0
##	[21359,]	4.900000e+01	1.322500e+04	0	0
##	[21360,]	2.500000e+01	0.000000e+00	0	0
##	[21361,]	0.000000e+00	0.000000e+00	0	0
##	[21362,]	4.000000e+00	1.000000e+00	0	0
##	[21363,]	1.600000e+01	1.664100e+04	0	0
##	[21364,]	0.000000e+00	0.000000e+00	0	0
##	[21365,]	4.000000e+00	0.000000e+00	0	0
##	[21366,]	0.000000e+00	0.000000e+00	0	0
##	[21367,]	1.932100e+04	7.056000e+03	0	0
##	[21368,]	1.690000e+02	4.000000e+00	0	0
##	[21369,]	5.569600e+04	1.971360e+05	0	0
##	[21370,]	5.329000e+03	0.000000e+00	0	0
##	[21371,]	1.971216e+06	3.510562e+07	0	0
##	[21372,]	0.000000e+00	0.000000e+00	0	0
##	[21373,]	4.840000e+02	0.000000e+00	0	0
##	[21374,]	4.243600e+04	0.000000e+00	0	0
##	[21375,]	0.000000e+00	0.000000e+00	0	0
##	[21376,]	0.000000e+00	0.000000e+00	0	0

##	[21377,]	0.000000e+00	0.000000e+00	0	0
##	[21378,]	0.000000e+00	0.000000e+00	0	0
##	[21379,]	2.856100e+04	4.000000e+00	0	0
##	[21380,]	8.100000e+01	0.000000e+00	0	0
##	[21381,]	6.300100e+04	2.560000e+02	0	0
##	[21382,]	7.290000e+02	0.000000e+00	0	0
##	[21383,]	0.000000e+00	0.000000e+00	0	0
##	[21384,]	1.000000e+00	0.000000e+00	0	0
##	[21385,]	2.044900e+04	3.600000e+01	0	0
##	[21386,]	6.384010e+05	1.288810e+05	0	0
##	[21387,]	4.840000e+02	0.000000e+00	0	0
##	[21388,]	0.000000e+00	0.000000e+00	0	0
##	[21389,]	9.000000e+02	1.600000e+01	0	0
##	[21390,]	3.062500e+04	7.290000e+04	0	0
##	[21391,]	0.000000e+00	0.000000e+00	0	0
##	[21392,]	1.690000e+02	0.000000e+00	0	0
##	[21393,]	6.250000e+02	2.601000e+03	0	0
##	[21394,]	1.000000e+04	3.869089e+06	0	0
##	[21395,]	4.000000e+02	0.000000e+00	0	0
##	[21396,]	0.000000e+00	0.000000e+00	0	0
##	[21397,]	8.100000e+01	1.197160e+05	0	0
##	[21398,]	1.690000e+02	0.000000e+00	0	0
##	[21399,]	2.500000e+03	4.804864e+06	0	0
##	[21400,]	0.000000e+00	0.000000e+00	0	0
##	[21401,]	1.600000e+01	0.000000e+00	0	0
##	[21402,]	4.000000e+00	1.369000e+03	0	0
##	[21403,]	8.410000e+02	1.256641e+06	0	0
##	[21404,]	0.000000e+00	0.000000e+00	0	0
##	[21405,]	1.000000e+00	1.000000e+00	0	0
##	[21406,]	0.000000e+00	0.000000e+00	0	0
##	[21407,]	0.000000e+00	0.000000e+00	0	0
##	[21408,]	9.000000e+00	1.742400e+04	0	0
##	[21409,]	1.000000e+02	1.000000e+00	0	0
##	[21410,]	1.000000e+00	0.000000e+00	0	0
##	[21411,]	9.025000e+03	3.844000e+03	0	0
##	[21412,]	0.000000e+00	0.000000e+00	0	0
##	[21413,]	2.371600e+04	6.051600e+04	0	0
##	[21414,]	6.760000e+02	0.000000e+00	0	0
##	[21415,]	4.004001e+06	7.851204e+06	0	0
##	[21416,]	0.000000e+00	0.000000e+00	0	0
##	[21417,]	0.000000e+00	0.000000e+00	0	0
##	[21418,]	0.000000e+00	0.000000e+00	0	0
##	[21419,]	8.100000e+01	0.000000e+00	0	0
##	[21420,]	2.131600e+04	0.000000e+00	0	0
##	[21421,]	0.000000e+00	0.000000e+00	0	0
##	[21422,]	1.587600e+04	0.000000e+00	0	0
##	[21423,]	2.500000e+01	0.000000e+00	0	0
##	[21424,]	0.000000e+00	0.000000e+00	0	0
##	[21425,]	1.296000e+03	0.000000e+00	0	0
##	[21426,]	0.000000e+00	0.000000e+00	0	0
##	[21427,]	1.552360e+05	1.600000e+01	0	0
##	[21428,]	4.000000e+00	0.000000e+00	0	0
##	[21429,]	1.336336e+06	1.188100e+04	0	0
##	[21430,]	0.000000e+00	0.000000e+00	0	0

##	[21431,]	7.056000e+03	9.000000e+00	0	0
##	[21432,]	3.600000e+01	0.000000e+00	0	0
##	[21433,]	3.240000e+02	4.000000e+00	0	0
##	[21434,]	9.000000e+00	0.000000e+00	0	0
##	[21435,]	5.712100e+04	7.396000e+03	0	0
##	[21436,]	0.000000e+00	0.000000e+00	0	0
##	[21437,]	1.000000e+02	0.000000e+00	0	0
##	[21438,]	4.900000e+01	2.025000e+03	0	0
##	[21439,]	1.464100e+04	1.113025e+06	0	0
##	[21440,]	0.000000e+00	0.000000e+00	0	0
##	[21441,]	2.500000e+01	0.000000e+00	0	0
##	[21442,]	4.900000e+01	3.534400e+04	0	0
##	[21443,]	0.000000e+00	0.000000e+00	0	0
##	[21444,]	5.625000e+03	9.525760e+05	0	0
##	[21445,]	0.000000e+00	0.000000e+00	0	0
##	[21446,]	4.000000e+00	6.400000e+01	0	0
##	[21447,]	0.000000e+00	0.000000e+00	0	0
##	[21448,]	2.560000e+02	3.271840e+05	0	0
##	[21449,]	0.000000e+00	0.000000e+00	0	0
##	[21450,]	4.000000e+00	1.849000e+03	0	0
##	[21451,]	0.000000e+00	0.000000e+00	0	0
##	[21452,]	1.000000e+00	0.000000e+00	0	0
##	[21453,]	4.900000e+01	0.000000e+00	0	0
##	[21454,]	0.000000e+00	0.000000e+00	0	0
##	[21455,]	0.000000e+00	0.000000e+00	0	0
##	[21456,]	2.916000e+03	9.610000e+02	0	0
##	[21457,]	3.767481e+06	2.570490e+07	0	0
##	[21458,]	0.000000e+00	0.000000e+00	0	0
##	[21459,]	7.840000e+02	0.000000e+00	0	0
##	[21460,]	6.241000e+03	3.721000e+05	0	0
##	[21461,]	0.000000e+00	0.000000e+00	0	0
##	[21462,]	0.000000e+00	0.000000e+00	0	0
##	[21463,]	1.000000e+00	0.000000e+00	0	0
##	[21464,]	1.904400e+04	0.000000e+00	0	0
##	[21465,]	0.000000e+00	0.000000e+00	0	0
##	[21466,]	4.000000e+00	0.000000e+00	0	0
##	[21467,]	2.102500e+04	0.000000e+00	0	0
##	[21468,]	0.000000e+00	0.000000e+00	0	0
##	[21469,]	4.000000e+00	0.000000e+00	0	0
##	[21470,]	1.369000e+05	2.500000e+01	0	0
##	[21471,]	1.600000e+01	1.000000e+00	0	0
##	[21472,]	0.000000e+00	0.000000e+00	0	0
##	[21473,]	0.000000e+00	0.000000e+00	0	0
##	[21474,]	2.304000e+03	2.500000e+01	0	0
##	[21475,]	1.322500e+06	3.027600e+04	0	0
##	[21476,]	1.210000e+02	0.000000e+00	0	0
##	[21477,]	2.500000e+01	0.000000e+00	0	0
##	[21478,]	2.250000e+02	2.890000e+02	0	0
##	[21479,]	3.880900e+04	4.120900e+04	0	0
##	[21480,]	0.000000e+00	0.000000e+00	0	0
##	[21481,]	4.000000e+00	0.000000e+00	0	0
##	[21482,]	0.000000e+00	0.000000e+00	0	0
##	[21483,]	1.795600e+04	5.612161e+06	0	0
##	[21484,]	6.400000e+01	7.022500e+04	0	0

##	[21485,]	1.600000e+01	8.352100e+04	0	0
##	[21486,]	4.225000e+03	2.371600e+06	0	0
##	[21487,]	4.900000e+01	0.000000e+00	0	0
##	[21488,]	0.000000e+00	0.000000e+00	0	0
##	[21489,]	0.000000e+00	0.000000e+00	0	0
##	[21490,]	0.000000e+00	1.089000e+03	0	0
##	[21491,]	1.000000e+00	0.000000e+00	0	0
##	[21492,]	6.250000e+02	6.068410e+05	0	0
##	[21493,]	0.000000e+00	0.000000e+00	0	0
##	[21494,]	0.000000e+00	0.000000e+00	0	0
##	[21495,]	4.000000e+00	0.000000e+00	0	0
##	[21496,]	1.600000e+01	1.936000e+03	0	0
##	[21497,]	7.840000e+02	2.704000e+03	0	0
##	[21498,]	0.000000e+00	0.000000e+00	0	0
##	[21499,]	0.000000e+00	0.000000e+00	0	0
##	[21500,]	1.000000e+00	0.000000e+00	0	0
##	[21501,]	4.223025e+06	7.387402e+07	0	0
##	[21502,]	0.000000e+00	1.210000e+02	0	0
##	[21503,]	4.840000e+02	0.000000e+00	0	0
##	[21504,]	7.569000e+03	2.042041e+06	0	0
##	[21505,]	4.452100e+04	0.000000e+00	0	0
##	[21506,]	0.000000e+00	0.000000e+00	0	0
##	[21507,]	0.000000e+00	0.000000e+00	0	0
##	[21508,]	4.000000e+00	0.000000e+00	0	0
##	[21509,]	0.000000e+00	0.000000e+00	0	0
##	[21510,]	0.000000e+00	0.000000e+00	0	0
##	[21511,]	3.062500e+04	1.000000e+00	0	0
##	[21512,]	1.000000e+00	0.000000e+00	0	0
##	[21513,]	0.000000e+00	0.000000e+00	0	0
##	[21514,]	1.960000e+02	0.000000e+00	0	0
##	[21515,]	1.489960e+05	2.250000e+02	0	0
##	[21516,]	1.000000e+00	0.000000e+00	0	0
##	[21517,]	1.473796e+06	1.900960e+05	0	0
##	[21518,]	0.000000e+00	0.000000e+00	0	0
##	[21519,]	2.704000e+03	3.249000e+03	0	0
##	[21520,]	4.900000e+01	0.000000e+00	0	0
##	[21521,]	0.000000e+00	4.000000e+00	0	0
##	[21522,]	8.100000e+01	0.000000e+00	0	0
##	[21523,]	4.708900e+04	5.919489e+06	0	0
##	[21524,]	8.100000e+01	2.190400e+04	0	0
##	[21525,]	0.000000e+00	2.500000e+01	0	0
##	[21526,]	4.000000e+00	0.000000e+00	0	0
##	[21527,]	2.689600e+04	1.085702e+07	0	0
##	[21528,]	1.440000e+02	6.658560e+05	0	0
##	[21529,]	0.000000e+00	1.600000e+01	0	0
##	[21530,]	2.601000e+03	2.937796e+06	0	0
##	[21531,]	9.000000e+00	0.000000e+00	0	0
##	[21532,]	0.000000e+00	1.303210e+05	0	0
##	[21533,]	5.290000e+02	4.928040e+05	0	0
##	[21534,]	0.000000e+00	0.000000e+00	0	0
##	[21535,]	0.000000e+00	0.000000e+00	0	0
##	[21536,]	0.000000e+00	2.209000e+03	0	0
##	[21537,]	0.000000e+00	0.000000e+00	0	0
##	[21538,]	4.000000e+00	6.241000e+03	0	0

##	[21539,]	0.000000e+00	0.000000e+00	0	0
##	[21540,]	0.000000e+00	0.000000e+00	0	0
##	[21541,]	6.400000e+03	5.776000e+03	0	0
##	[21542,]	4.000000e+00	1.600000e+01	0	0
##	[21543,]	0.000000e+00	0.000000e+00	0	0
##	[21544,]	0.000000e+00	0.000000e+00	0	0
##	[21545,]	0.000000e+00	2.401000e+03	0	0
##	[21546,]	3.686400e+04	2.630884e+06	0	0
##	[21547,]	2.979076e+06	2.201069e+08	0	0
##	[21548,]	7.290000e+02	0.000000e+00	0	0
##	[21549,]	4.622500e+04	0.000000e+00	0	0
##	[21550,]	1.600000e+01	0.000000e+00	0	0
##	[21551,]	0.000000e+00	0.000000e+00	0	0
##	[21552,]	0.000000e+00	0.000000e+00	0	0
##	[21553,]	8.100000e+01	0.000000e+00	0	0
##	[21554,]	0.000000e+00	0.000000e+00	0	0
##	[21555,]	3.132900e+04	0.000000e+00	0	0
##	[21556,]	0.000000e+00	0.000000e+00	0	0
##	[21557,]	0.000000e+00	0.000000e+00	0	0
##	[21558,]	3.610000e+02	0.000000e+00	0	0
##	[21559,]	0.000000e+00	0.000000e+00	0	0
##	[21560,]	9.241600e+04	6.760000e+02	0	0
##	[21561,]	1.065024e+06	1.371241e+06	0	0
##	[21562,]	1.768900e+04	6.889000e+03	0	0
##	[21563,]	4.900000e+01	0.000000e+00	0	0
##	[21564,]	0.000000e+00	5.760000e+02	0	0
##	[21565,]	0.000000e+00	9.000000e+00	0	0
##	[21566,]	6.400000e+01	0.000000e+00	0	0
##	[21567,]	3.724900e+04	2.059344e+07	0	0
##	[21568,]	2.560000e+02	1.822500e+04	0	0
##	[21569,]	0.000000e+00	1.960000e+02	0	0
##	[21570,]	9.000000e+00	0.000000e+00	0	0
##	[21571,]	1.440000e+04	1.673628e+07	0	0
##	[21572,]	2.250000e+02	5.431690e+05	0	0
##	[21573,]	3.600000e+01	0.000000e+00	0	0
##	[21574,]	3.721000e+03	1.639440e+07	0	0
##	[21575,]	0.000000e+00	6.400000e+01	0	0
##	[21576,]	4.900000e+01	3.612010e+05	0	0
##	[21577,]	9.000000e+00	0.000000e+00	0	0
##	[21578,]	2.560000e+02	9.235210e+05	0	0
##	[21579,]	0.000000e+00	0.000000e+00	0	0
##	[21580,]	4.000000e+00	4.356000e+03	0	0
##	[21581,]	3.600000e+01	9.604000e+03	0	0
##	[21582,]	0.000000e+00	1.600000e+01	0	0
##	[21583,]	0.000000e+00	0.000000e+00	0	0
##	[21584,]	0.000000e+00	0.000000e+00	0	0
##	[21585,]	0.000000e+00	0.000000e+00	0	0
##	[21586,]	1.600000e+01	2.500000e+01	0	0
##	[21587,]	8.836000e+03	1.345600e+04	0	0
##	[21588,]	0.000000e+00	1.000000e+00	0	0
##	[21589,]	0.000000e+00	3.385600e+04	0	0
##	[21590,]	5.659641e+06	1.023360e+09	0	0
##	[21591,]	9.610000e+02	0.000000e+00	0	0
##	[21592,]	3.960100e+04	3.751969e+06	0	0

##	[21593,]	4.579600e+04	0.000000e+00	0	0
##	[21594,]	0.000000e+00	0.000000e+00	0	0
##	[21595,]	3.600000e+01	0.000000e+00	0	0
##	[21596,]	0.000000e+00	0.000000e+00	0	0
##	[21597,]	4.900000e+01	0.000000e+00	0	0
##	[21598,]	0.000000e+00	0.000000e+00	0	0
##	[21599,]	4.080400e+04	1.000000e+00	0	0
##	[21600,]	0.000000e+00	0.000000e+00	0	0
##	[21601,]	4.840000e+02	3.600000e+01	0	0
##	[21602,]	1.000000e+00	0.000000e+00	0	0
##	[21603,]	1.122250e+05	4.096000e+03	0	0
##	[21604,]	0.000000e+00	0.000000e+00	0	0
##	[21605,]	1.690000e+04	3.534400e+04	0	0
##	[21606,]	2.199289e+06	4.813584e+07	0	0
##	[21607,]	6.400000e+01	0.000000e+00	0	0
##	[21608,]	0.000000e+00	1.123600e+04	0	0
##	[21609,]	1.030410e+05	5.777520e+07	0	0
##	[21610,]	3.600000e+01	0.000000e+00	0	0
##	[21611,]	9.610000e+02	3.312400e+04	0	0
##	[21612,]	0.000000e+00	3.136000e+03	0	0
##	[21613,]	0.000000e+00	3.240000e+02	0	0
##	[21614,]	2.340900e+04	3.972781e+07	0	0
##	[21615,]	4.900000e+01	0.000000e+00	0	0
##	[21616,]	3.600000e+01	5.169610e+05	0	0
##	[21617,]	3.721000e+03	9.312250e+07	0	0
##	[21618,]	3.600000e+01	0.000000e+00	0	0
##	[21619,]	0.000000e+00	1.600000e+01	0	0
##	[21620,]	8.100000e+01	5.898240e+05	0	0
##	[21621,]	6.760000e+02	2.056356e+06	0	0
##	[21622,]	0.000000e+00	0.000000e+00	0	0
##	[21623,]	9.000000e+00	0.000000e+00	0	0
##	[21624,]	1.000000e+00	5.476000e+03	0	0
##	[21625,]	0.000000e+00	0.000000e+00	0	0
##	[21626,]	0.000000e+00	1.210000e+02	0	0
##	[21627,]	0.000000e+00	0.000000e+00	0	0
##	[21628,]	9.000000e+00	6.250000e+04	0	0
##	[21629,]	6.400000e+01	2.250000e+02	0	0
##	[21630,]	1.392400e+04	1.705690e+05	0	0
##	[21631,]	0.000000e+00	0.000000e+00	0	0
##	[21632,]	0.000000e+00	9.000000e+00	0	0
##	[21633,]	0.000000e+00	2.265760e+05	0	0
##	[21634,]	1.166400e+04	6.646084e+06	0	0
##	[21635,]	1.000000e+02	0.000000e+00	0	0
##	[21636,]	5.049009e+06	1.495369e+09	0	0
##	[21637,]	0.000000e+00	0.000000e+00	0	0
##	[21638,]	5.198400e+04	0.000000e+00	0	0
##	[21639,]	0.000000e+00	0.000000e+00	0	0
##	[21640,]	4.000000e+00	0.000000e+00	0	0
##	[21641,]	4.000000e+00	0.000000e+00	0	0
##	[21642,]	0.000000e+00	0.000000e+00	0	0
##	[21643,]	6.002500e+04	1.000000e+00	0	0
##	[21644,]	0.000000e+00	1.000000e+00	0	0
##	[21645,]	3.240000e+02	1.210000e+02	0	0
##	[21646,]	2.152960e+05	5.476000e+03	0	0

##	[21647,]	0.000000e+00	0.000000e+00	0	0
##	[21648,]	0.000000e+00	9.000000e+00	0	0
##	[21649,]	0.000000e+00	8.294400e+04	0	0
##	[21650,]	4.900000e+03	3.745440e+05	0	0
##	[21651,]	1.600000e+01	0.000000e+00	0	0
##	[21652,]	1.827904e+06	1.666423e+08	0	0
##	[21653,]	0.000000e+00	2.280100e+04	0	0
##	[21654,]	1.690000e+02	9.486400e+04	0	0
##	[21655,]	9.000000e+00	0.000000e+00	0	0
##	[21656,]	4.752400e+04	6.140290e+07	0	0
##	[21657,]	0.000000e+00	1.024000e+03	0	0
##	[21658,]	1.742400e+04	5.785124e+07	0	0
##	[21659,]	1.600000e+01	6.352090e+05	0	0
##	[21660,]	4.000000e+00	0.000000e+00	0	0
##	[21661,]	1.000000e+00	0.000000e+00	0	0
##	[21662,]	2.809000e+03	7.729926e+07	0	0
##	[21663,]	0.000000e+00	4.000000e+00	0	0
##	[21664,]	9.000000e+00	5.836960e+05	0	0
##	[21665,]	7.840000e+02	2.111209e+06	0	0
##	[21666,]	0.000000e+00	0.000000e+00	0	0
##	[21667,]	0.000000e+00	0.000000e+00	0	0
##	[21668,]	0.000000e+00	7.396000e+03	0	0
##	[21669,]	0.000000e+00	2.250000e+02	0	0
##	[21670,]	4.000000e+00	1.239040e+05	0	0
##	[21671,]	0.000000e+00	0.000000e+00	0	0
##	[21672,]	0.000000e+00	1.000000e+00	0	0
##	[21673,]	4.900000e+01	2.560000e+02	0	0
##	[21674,]	0.000000e+00	6.400000e+01	0	0
##	[21675,]	1.488400e+04	1.772410e+05	0	0
##	[21676,]	0.000000e+00	0.000000e+00	0	0
##	[21677,]	0.000000e+00	4.637610e+05	0	0
##	[21678,]	1.210000e+02	0.000000e+00	0	0
##	[21679,]	2.190400e+04	8.352100e+06	0	0
##	[21680,]	7.595536e+06	1.471796e+09	0	0
##	[21681,]	0.000000e+00	0.000000e+00	0	0
##	[21682,]	7.672900e+04	0.000000e+00	0	0
##	[21683,]	2.500000e+01	0.000000e+00	0	0
##	[21684,]	0.000000e+00	0.000000e+00	0	0
##	[21685,]	0.000000e+00	0.000000e+00	0	0
##	[21686,]	0.000000e+00	0.000000e+00	0	0
##	[21687,]	4.840000e+04	0.000000e+00	0	0
##	[21688,]	3.600000e+01	0.000000e+00	0	0
##	[21689,]	0.000000e+00	9.000000e+02	0	0
##	[21690,]	3.918760e+05	2.391210e+05	0	0
##	[21691,]	0.000000e+00	0.000000e+00	0	0
##	[21692,]	2.890000e+02	9.000000e+02	0	0
##	[21693,]	0.000000e+00	2.143690e+05	0	0
##	[21694,]	7.921000e+03	2.160900e+06	0	0
##	[21695,]	1.000000e+00	0.000000e+00	0	0
##	[21696,]	2.788900e+06	2.852045e+08	0	0
##	[21697,]	2.560000e+02	7.290000e+04	0	0
##	[21698,]	5.904900e+04	4.898600e+07	0	0
##	[21699,]	0.000000e+00	2.340900e+04	0	0
##	[21700,]	4.000000e+00	0.000000e+00	0	0

##	[21701,]	4.410000e+02	4.583290e+05	0	0
##	[21702,]	9.000000e+00	0.000000e+00	0	0
##	[21703,]	0.000000e+00	6.250000e+02	0	0
##	[21704,]	1.345600e+04	6.055952e+07	0	0
##	[21705,]	2.500000e+01	0.000000e+00	0	0
##	[21706,]	3.969000e+03	2.653280e+07	0	0
##	[21707,]	4.000000e+00	1.552360e+05	0	0
##	[21708,]	0.000000e+00	1.000000e+02	0	0
##	[21709,]	1.444000e+03	1.113025e+06	0	0
##	[21710,]	0.000000e+00	0.000000e+00	0	0
##	[21711,]	9.000000e+00	2.401000e+03	0	0
##	[21712,]	0.000000e+00	0.000000e+00	0	0
##	[21713,]	0.000000e+00	2.250000e+02	0	0
##	[21714,]	0.000000e+00	0.000000e+00	0	0
##	[21715,]	0.000000e+00	1.000000e+00	0	0
##	[21716,]	0.000000e+00	1.000000e+00	0	0
##	[21717,]	0.000000e+00	2.890000e+02	0	0
##	[21718,]	0.000000e+00	2.890000e+02	0	0
##	[21719,]	0.000000e+00	0.000000e+00	0	0
##	[21720,]	1.600000e+01	9.000000e+02	0	0
##	[21721,]	0.000000e+00	1.060900e+06	0	0
##	[21722,]	1.826708e+07	1.974114e+09	0	0
##	[21723,]	1.089000e+03	0.000000e+00	0	0
##	[21724,]	2.220100e+04	2.712326e+07	0	0
##	[21725,]	0.000000e+00	0.000000e+00	0	0
##	[21726,]	2.693610e+05	0.000000e+00	0	0
##	[21727,]	1.600000e+01	0.000000e+00	0	0
##	[21728,]	0.000000e+00	0.000000e+00	0	0
##	[21729,]	1.989160e+05	1.600000e+01	0	0
##	[21730,]	6.400000e+01	0.000000e+00	0	0
##	[21731,]	0.000000e+00	0.000000e+00	0	0
##	[21732,]	0.000000e+00	0.000000e+00	0	0
##	[21733,]	1.000000e+00	0.000000e+00	0	0
##	[21734,]	6.760000e+02	2.822400e+04	0	0
##	[21735,]	9.120250e+05	2.528100e+06	0	0
##	[21736,]	0.000000e+00	1.020100e+04	0	0
##	[21737,]	6.640929e+06	4.045730e+08	0	0
##	[21738,]	6.400000e+01	0.000000e+00	0	0
##	[21739,]	8.836000e+03	8.726116e+06	0	0
##	[21740,]	0.000000e+00	4.057690e+05	0	0
##	[21741,]	0.000000e+00	5.336100e+04	0	0
##	[21742,]	1.730560e+05	7.825172e+07	0	0
##	[21743,]	2.890000e+02	8.390560e+05	0	0
##	[21744,]	3.600000e+01	0.000000e+00	0	0
##	[21745,]	0.000000e+00	0.000000e+00	0	0
##	[21746,]	0.000000e+00	2.809000e+03	0	0
##	[21747,]	6.400000e+01	0.000000e+00	0	0
##	[21748,]	4.900000e+01	7.656250e+05	0	0
##	[21749,]	3.920400e+04	8.082010e+07	0	0
##	[21750,]	0.000000e+00	2.500000e+01	0	0
##	[21751,]	4.900000e+01	0.000000e+00	0	0
##	[21752,]	6.561000e+03	1.474560e+07	0	0
##	[21753,]	9.000000e+00	6.200100e+04	0	0
##	[21754,]	4.000000e+00	2.116000e+03	0	0

##	[21755,]	9.000000e+00	0.000000e+00	0	0
##	[21756,]	0.000000e+00	9.000000e+00	0	0
##	[21757,]	2.209000e+03	1.104601e+06	0	0
##	[21758,]	0.000000e+00	0.000000e+00	0	0
##	[21759,]	0.000000e+00	0.000000e+00	0	0
##	[21760,]	9.000000e+00	4.243600e+04	0	0
##	[21761,]	0.000000e+00	3.610000e+02	0	0
##	[21762,]	4.900000e+01	3.600000e+03	0	0
##	[21763,]	5.475600e+04	3.696640e+05	0	0
##	[21764,]	0.000000e+00	8.100000e+01	0	0
##	[21765,]	0.000000e+00	0.000000e+00	0	0
##	[21766,]	8.667136e+06	4.759379e+08	0	0
##	[21767,]	4.900000e+01	0.000000e+00	0	0
##	[21768,]	0.000000e+00	8.556250e+05	0	0
##	[21769,]	2.624400e+04	9.469236e+07	0	0
##	[21770,]	2.460160e+05	0.000000e+00	0	0
##	[21771,]	0.000000e+00	0.000000e+00	0	0
##	[21772,]	9.000000e+00	0.000000e+00	0	0
##	[21773,]	0.000000e+00	0.000000e+00	0	0
##	[21774,]	2.916000e+05	0.000000e+00	0	0
##	[21775,]	0.000000e+00	0.000000e+00	0	0
##	[21776,]	0.000000e+00	0.000000e+00	0	0
##	[21777,]	2.500000e+01	4.000000e+00	0	0
##	[21778,]	0.000000e+00	2.016400e+04	0	0
##	[21779,]	0.000000e+00	0.000000e+00	0	0
##	[21780,]	1.024000e+03	7.656250e+05	0	0
##	[21781,]	5.126560e+05	4.376464e+06	0	0
##	[21782,]	0.000000e+00	2.209000e+05	0	0
##	[21783,]	1.000000e+00	0.000000e+00	0	0
##	[21784,]	1.040400e+04	2.636822e+07	0	0
##	[21785,]	2.778889e+06	1.083889e+08	0	0
##	[21786,]	0.000000e+00	4.972900e+04	0	0
##	[21787,]	1.960000e+02	3.481956e+06	0	0
##	[21788,]	4.000000e+00	0.000000e+00	0	0
##	[21789,]	9.060100e+04	1.651610e+07	0	0
##	[21790,]	0.000000e+00	0.000000e+00	0	0
##	[21791,]	2.656900e+04	1.083726e+07	0	0
##	[21792,]	1.210000e+02	1.965604e+06	0	0
##	[21793,]	4.000000e+00	0.000000e+00	0	0
##	[21794,]	0.000000e+00	4.489000e+03	0	0
##	[21795,]	4.000000e+00	0.000000e+00	0	0
##	[21796,]	0.000000e+00	4.840000e+02	0	0
##	[21797,]	4.000000e+00	1.361610e+05	0	0
##	[21798,]	3.364000e+03	2.343961e+06	0	0
##	[21799,]	1.000000e+00	7.056000e+03	0	0
##	[21800,]	0.000000e+00	0.000000e+00	0	0
##	[21801,]	1.521000e+03	1.814760e+05	0	0
##	[21802,]	0.000000e+00	1.000000e+00	0	0
##	[21803,]	0.000000e+00	0.000000e+00	0	0
##	[21804,]	0.000000e+00	1.690000e+02	0	0
##	[21805,]	0.000000e+00	0.000000e+00	0	0
##	[21806,]	9.000000e+00	3.600000e+03	0	0
##	[21807,]	0.000000e+00	0.000000e+00	0	0
##	[21808,]	0.000000e+00	2.560000e+02	0	0

##	[21809,]	7.840000e+04	1.162810e+05	0	0
##	[21810,]	2.250000e+02	1.464100e+04	0	0
##	[21811,]	7.672900e+04	2.431416e+08	0	0
##	[21812,]	9.000000e+00	0.000000e+00	0	0
##	[21813,]	1.626509e+07	1.870877e+08	0	0
##	[21814,]	0.000000e+00	3.576040e+05	0	0
##	[21815,]	0.000000e+00	0.000000e+00	0	0
##	[21816,]	4.000000e+02	0.000000e+00	0	0
##	[21817,]	0.000000e+00	0.000000e+00	0	0
##	[21818,]	5.126560e+05	0.000000e+00	0	0
##	[21819,]	0.000000e+00	0.000000e+00	0	0
##	[21820,]	1.440000e+02	1.600000e+01	0	0
##	[21821,]	0.000000e+00	0.000000e+00	0	0
##	[21822,]	4.199040e+05	1.600000e+01	0	0
##	[21823,]	0.000000e+00	1.392400e+04	0	0
##	[21824,]	3.025000e+03	6.446521e+06	0	0
##	[21825,]	0.000000e+00	0.000000e+00	0	0
##	[21826,]	1.113025e+06	3.818116e+06	0	0
##	[21827,]	2.890000e+04	5.631002e+07	0	0
##	[21828,]	9.000000e+00	0.000000e+00	0	0
##	[21829,]	0.000000e+00	1.082410e+05	0	0
##	[21830,]	5.391684e+06	4.594128e+07	0	0
##	[21831,]	0.000000e+00	0.000000e+00	0	0
##	[21832,]	9.610000e+02	7.365796e+06	0	0
##	[21833,]	1.043290e+05	4.410000e+06	0	0
##	[21834,]	0.000000e+00	1.232100e+04	0	0
##	[21835,]	0.000000e+00	0.000000e+00	0	0
##	[21836,]	0.000000e+00	0.000000e+00	0	0
##	[21837,]	2.560000e+02	4.631104e+06	0	0
##	[21838,]	0.000000e+00	1.024000e+03	0	0
##	[21839,]	4.000000e+04	2.903616e+06	0	0
##	[21840,]	7.744000e+03	7.849960e+05	0	0
##	[21841,]	0.000000e+00	0.000000e+00	0	0
##	[21842,]	0.000000e+00	3.600000e+01	0	0
##	[21843,]	9.000000e+00	2.948490e+05	0	0
##	[21844,]	4.000000e+00	1.988100e+04	0	0
##	[21845,]	0.000000e+00	4.000000e+00	0	0
##	[21846,]	0.000000e+00	0.000000e+00	0	0
##	[21847,]	2.025000e+03	6.553600e+04	0	0
##	[21848,]	0.000000e+00	1.000000e+00	0	0
##	[21849,]	1.000000e+00	1.960000e+02	0	0
##	[21850,]	4.900000e+01	9.610000e+02	0	0
##	[21851,]	0.000000e+00	0.000000e+00	0	0
##	[21852,]	0.000000e+00	3.610000e+02	0	0
##	[21853,]	6.400000e+01	5.856400e+04	0	0
##	[21854,]	1.436410e+05	8.236900e+04	0	0
##	[21855,]	0.000000e+00	0.000000e+00	0	0
##	[21856,]	0.000000e+00	1.299600e+04	0	0
##	[21857,]	1.600000e+01	0.000000e+00	0	0
##	[21858,]	9.922500e+04	2.420202e+08	0	0
##	[21859,]	1.098260e+07	2.362984e+08	0	0
##	[21860,]	7.708840e+05	0.000000e+00	0	0
##	[21861,]	0.000000e+00	0.000000e+00	0	0
##	[21862,]	0.000000e+00	0.000000e+00	0	0

##	[21863,]	3.240000e+02	0.000000e+00	0	0
##	[21864,]	4.556250e+05	2.500000e+01	0	0
##	[21865,]	0.000000e+00	0.000000e+00	0	0
##	[21866,]	0.000000e+00	0.000000e+00	0	0
##	[21867,]	5.760000e+02	6.400000e+01	0	0
##	[21868,]	0.000000e+00	1.440000e+02	0	0
##	[21869,]	8.390560e+05	3.625216e+06	0	0
##	[21870,]	1.000000e+00	0.000000e+00	0	0
##	[21871,]	2.500000e+03	2.604996e+06	0	0
##	[21872,]	0.000000e+00	4.225000e+03	0	0
##	[21873,]	4.284900e+04	6.645510e+07	0	0
##	[21874,]	1.000000e+00	0.000000e+00	0	0
##	[21875,]	3.118756e+06	6.294836e+07	0	0
##	[21876,]	0.000000e+00	8.410000e+02	0	0
##	[21877,]	9.060100e+04	5.593225e+06	0	0
##	[21878,]	1.444000e+03	7.862416e+06	0	0
##	[21879,]	1.000000e+00	0.000000e+00	0	0
##	[21880,]	3.844000e+03	0.000000e+00	0	0
##	[21881,]	0.000000e+00	2.500000e+01	0	0
##	[21882,]	1.000000e+00	0.000000e+00	0	0
##	[21883,]	4.080400e+04	4.173849e+06	0	0
##	[21884,]	1.960000e+02	5.004169e+06	0	0
##	[21885,]	0.000000e+00	4.000000e+00	0	0
##	[21886,]	9.000000e+00	3.124810e+05	0	0
##	[21887,]	0.000000e+00	0.000000e+00	0	0
##	[21888,]	6.889000e+03	6.707610e+05	0	0
##	[21889,]	0.000000e+00	0.000000e+00	0	0
##	[21890,]	9.000000e+00	3.648100e+04	0	0
##	[21891,]	2.116000e+03	9.424900e+04	0	0
##	[21892,]	0.000000e+00	1.000000e+00	0	0
##	[21893,]	0.000000e+00	0.000000e+00	0	0
##	[21894,]	0.000000e+00	1.600000e+01	0	0
##	[21895,]	0.000000e+00	0.000000e+00	0	0
##	[21896,]	0.000000e+00	6.400000e+01	0	0
##	[21897,]	1.713960e+05	1.108890e+05	0	0
##	[21898,]	0.000000e+00	0.000000e+00	0	0
##	[21899,]	2.116000e+03	4.284900e+04	0	0
##	[21900,]	0.000000e+00	2.500000e+01	0	0
##	[21901,]	4.000000e+02	3.058090e+05	0	0
##	[21902,]	2.900209e+06	4.122930e+08	0	0
##	[21903,]	1.210000e+02	0.000000e+00	0	0
##	[21904,]	4.886010e+05	1.348153e+08	0	0
##	[21905,]	1.927210e+05	0.000000e+00	0	0
##	[21906,]	0.000000e+00	0.000000e+00	0	0
##	[21907,]	0.000000e+00	0.000000e+00	0	0
##	[21908,]	4.000000e+02	0.000000e+00	0	0
##	[21909,]	1.681000e+05	1.000000e+00	0	0
##	[21910,]	0.000000e+00	0.000000e+00	0	0
##	[21911,]	2.560000e+02	0.000000e+00	0	0
##	[21912,]	0.000000e+00	0.000000e+00	0	0
##	[21913,]	1.166400e+04	6.352090e+05	0	0
##	[21914,]	9.000000e+00	2.304000e+03	0	0
##	[21915,]	2.265760e+05	2.647129e+06	0	0
##	[21916,]	1.000000e+00	0.000000e+00	0	0

##	[21917,]	9.139360e+05	1.170075e+08	0	0
##	[21918,]	1.000000e+00	0.000000e+00	0	0
##	[21919,]	1.210000e+02	9.859600e+04	0	0
##	[21920,]	1.764000e+05	4.274544e+07	0	0
##	[21921,]	1.020100e+04	4.717584e+06	0	0
##	[21922,]	1.600000e+01	1.345600e+04	0	0
##	[21923,]	0.000000e+00	0.000000e+00	0	0
##	[21924,]	1.664100e+04	1.071908e+07	0	0
##	[21925,]	1.716100e+04	0.000000e+00	0	0
##	[21926,]	7.921000e+03	8.213956e+06	0	0
##	[21927,]	2.916000e+03	2.256004e+06	0	0
##	[21928,]	4.000000e+00	3.481000e+03	0	0
##	[21929,]	4.900000e+01	0.000000e+00	0	0
##	[21930,]	8.100000e+01	2.190240e+05	0	0
##	[21931,]	1.296000e+03	1.425636e+06	0	0
##	[21932,]	4.000000e+00	0.000000e+00	0	0
##	[21933,]	0.000000e+00	1.440000e+02	0	0
##	[21934,]	2.890000e+02	2.777290e+05	0	0
##	[21935,]	4.900000e+01	1.795600e+04	0	0
##	[21936,]	0.000000e+00	1.600000e+01	0	0
##	[21937,]	0.000000e+00	0.000000e+00	0	0
##	[21938,]	0.000000e+00	0.000000e+00	0	0
##	[21939,]	0.000000e+00	0.000000e+00	0	0
##	[21940,]	4.000000e+00	1.369000e+03	0	0
##	[21941,]	1.000000e+00	6.400000e+01	0	0
##	[21942,]	1.089000e+03	2.890000e+04	0	0
##	[21943,]	0.000000e+00	7.840000e+02	0	0
##	[21944,]	4.840000e+04	2.500000e+05	0	0
##	[21945,]	1.000000e+00	0.000000e+00	0	0
##	[21946,]	2.143690e+05	3.333908e+07	0	0
##	[21947,]	9.840640e+05	3.992803e+08	0	0
##	[21948,]	0.000000e+00	1.681000e+05	0	0
##	[21949,]	2.500000e+01	0.000000e+00	0	0
##	[21950,]	0.000000e+00	0.000000e+00	0	0
##	[21951,]	2.510010e+05	0.000000e+00	0	0
##	[21952,]	0.000000e+00	0.000000e+00	0	0
##	[21953,]	2.025000e+03	0.000000e+00	0	0
##	[21954,]	2.102500e+04	3.600000e+01	0	0
##	[21955,]	8.410000e+02	1.000000e+00	0	0
##	[21956,]	0.000000e+00	0.000000e+00	0	0
##	[21957,]	0.000000e+00	0.000000e+00	0	0
##	[21958,]	0.000000e+00	9.000000e+02	0	0
##	[21959,]	0.000000e+00	0.000000e+00	0	0
##	[21960,]	1.464100e+04	1.681000e+05	0	0
##	[21961,]	7.952400e+04	2.433600e+06	0	0
##	[21962,]	3.036010e+05	1.205165e+08	0	0
##	[21963,]	6.300100e+04	1.069290e+07	0	0
##	[21964,]	4.000000e+00	0.000000e+00	0	0
##	[21965,]	0.000000e+00	6.051600e+04	0	0
##	[21966,]	1.369000e+03	1.075369e+06	0	0
##	[21967,]	1.000000e+00	0.000000e+00	0	0
##	[21968,]	0.000000e+00	6.561000e+03	0	0
##	[21969,]	5.329000e+03	1.002356e+07	0	0
##	[21970,]	8.526400e+04	0.000000e+00	0	0

##	[21971,]	1.000000e+00	0.000000e+00	0	0
##	[21972,]	1.369000e+03	5.913610e+05	0	0
##	[21973,]	0.000000e+00	1.369000e+03	0	0
##	[21974,]	2.304000e+03	6.990736e+06	0	0
##	[21975,]	1.440000e+02	4.536900e+04	0	0
##	[21976,]	1.000000e+00	0.000000e+00	0	0
##	[21977,]	5.760000e+02	1.295044e+06	0	0
##	[21978,]	0.000000e+00	1.960000e+02	0	0
##	[21979,]	1.960000e+02	2.460160e+05	0	0
##	[21980,]	2.500000e+01	5.625000e+03	0	0
##	[21981,]	0.000000e+00	4.000000e+00	0	0
##	[21982,]	0.000000e+00	0.000000e+00	0	0
##	[21983,]	0.000000e+00	0.000000e+00	0	0
##	[21984,]	0.000000e+00	0.000000e+00	0	0
##	[21985,]	0.000000e+00	4.900000e+01	0	0
##	[21986,]	9.000000e+00	2.250000e+02	0	0
##	[21987,]	3.802500e+04	2.284840e+05	0	0
##	[21988,]	0.000000e+00	5.760000e+02	0	0
##	[21989,]	5.760000e+02	8.464000e+03	0	0
##	[21990,]	0.000000e+00	0.000000e+00	0	0
##	[21991,]	3.600000e+01	0.000000e+00	0	0
##	[21992,]	0.000000e+00	1.156000e+05	0	0
##	[21993,]	5.256250e+05	9.784384e+06	0	0
##	[21994,]	1.034289e+06	1.398070e+08	0	0
##	[21995,]	0.000000e+00	0.000000e+00	0	0
##	[21996,]	1.449616e+06	0.000000e+00	0	0
##	[21997,]	0.000000e+00	0.000000e+00	0	0
##	[21998,]	1.681000e+03	0.000000e+00	0	0
##	[21999,]	2.209000e+03	0.000000e+00	0	0
##	[22000,]	3.724900e+04	9.000000e+00	0	0
##	[22001,]	0.000000e+00	0.000000e+00	0	0
##	[22002,]	0.000000e+00	0.000000e+00	0	0
##	[22003,]	4.284900e+04	7.728400e+04	0	0
##	[22004,]	0.000000e+00	5.760000e+02	0	0
##	[22005,]	0.000000e+00	0.000000e+00	0	0
##	[22006,]	6.200100e+04	1.317904e+06	0	0
##	[22007,]	9.000000e+00	0.000000e+00	0	0
##	[22008,]	1.747240e+05	3.319684e+06	0	0
##	[22009,]	0.000000e+00	3.610000e+04	0	0
##	[22010,]	3.745440e+05	4.527944e+07	0	0
##	[22011,]	9.000000e+00	0.000000e+00	0	0
##	[22012,]	6.889000e+03	3.312400e+06	0	0
##	[22013,]	2.916000e+03	3.102490e+05	0	0
##	[22014,]	0.000000e+00	5.476000e+03	0	0
##	[22015,]	1.560001e+06	0.000000e+00	0	0
##	[22016,]	1.681000e+03	1.635841e+06	0	0
##	[22017,]	0.000000e+00	0.000000e+00	0	0
##	[22018,]	4.840000e+02	1.102240e+05	0	0
##	[22019,]	0.000000e+00	1.089000e+03	0	0
##	[22020,]	3.610000e+02	3.329290e+05	0	0
##	[22021,]	0.000000e+00	0.000000e+00	0	0
##	[22022,]	0.000000e+00	2.560000e+02	0	0
##	[22023,]	1.690000e+02	1.040400e+04	0	0
##	[22024,]	1.690000e+02	7.344100e+04	0	0

##	[22025,]	1.210000e+02	1.369000e+03	0	0
##	[22026,]	0.000000e+00	9.000000e+00	0	0
##	[22027,]	0.000000e+00	0.000000e+00	0	0
##	[22028,]	0.000000e+00	0.000000e+00	0	0
##	[22029,]	0.000000e+00	0.000000e+00	0	0
##	[22030,]	0.000000e+00	1.000000e+00	0	0
##	[22031,]	0.000000e+00	6.400000e+01	0	0
##	[22032,]	0.000000e+00	0.000000e+00	0	0
##	[22033,]	1.369000e+03	1.764000e+03	0	0
##	[22034,]	0.000000e+00	7.840000e+02	0	0
##	[22035,]	1.780840e+05	8.761600e+04	0	0
##	[22036,]	1.089936e+06	1.353500e+08	0	0
##	[22037,]	0.000000e+00	0.000000e+00	0	0
##	[22038,]	8.930250e+05	5.424241e+06	0	0
##	[22039,]	0.000000e+00	5.290000e+04	0	0
##	[22040,]	4.761000e+03	0.000000e+00	0	0
##	[22041,]	0.000000e+00	0.000000e+00	0	0
##	[22042,]	4.610410e+05	0.000000e+00	0	0
##	[22043,]	0.000000e+00	0.000000e+00	0	0
##	[22044,]	0.000000e+00	0.000000e+00	0	0
##	[22045,]	2.856100e+04	6.400000e+01	0	0
##	[22046,]	1.600000e+03	9.000000e+00	0	0
##	[22047,]	0.000000e+00	0.000000e+00	0	0
##	[22048,]	0.000000e+00	0.000000e+00	0	0
##	[22049,]	5.760000e+04	1.600225e+06	0	0
##	[22050,]	0.000000e+00	2.890000e+02	0	0
##	[22051,]	4.120900e+04	6.250000e+04	0	0
##	[22052,]	3.733210e+05	4.382440e+07	0	0
##	[22053,]	0.000000e+00	1.904400e+04	0	0
##	[22054,]	0.000000e+00	0.000000e+00	0	0
##	[22055,]	3.410560e+05	1.996569e+06	0	0
##	[22056,]	0.000000e+00	1.600000e+03	0	0
##	[22057,]	7.744000e+03	1.246090e+05	0	0
##	[22058,]	7.056000e+03	2.669956e+06	0	0
##	[22059,]	0.000000e+00	0.000000e+00	0	0
##	[22060,]	4.435560e+05	0.000000e+00	0	0
##	[22061,]	0.000000e+00	0.000000e+00	0	0
##	[22062,]	0.000000e+00	5.290000e+02	0	0
##	[22063,]	3.025000e+03	1.435204e+06	0	0
##	[22064,]	1.681000e+03	4.452100e+04	0	0
##	[22065,]	1.960000e+02	5.476000e+03	0	0
##	[22066,]	0.000000e+00	1.000000e+02	0	0
##	[22067,]	0.000000e+00	0.000000e+00	0	0
##	[22068,]	1.089000e+03	4.290250e+05	0	0
##	[22069,]	2.250000e+02	7.840000e+02	0	0
##	[22070,]	0.000000e+00	0.000000e+00	0	0
##	[22071,]	4.410000e+02	6.864400e+04	0	0
##	[22072,]	0.000000e+00	4.000000e+00	0	0
##	[22073,]	0.000000e+00	1.000000e+00	0	0
##	[22074,]	4.000000e+00	2.500000e+01	0	0
##	[22075,]	0.000000e+00	0.000000e+00	0	0
##	[22076,]	0.000000e+00	0.000000e+00	0	0
##	[22077,]	0.000000e+00	0.000000e+00	0	0
##	[22078,]	8.179600e+04	7.896100e+04	0	0

##	[22079,]	3.249000e+03	1.369000e+03	0	0
##	[22080,]	0.000000e+00	1.210000e+02	0	0
##	[22081,]	0.000000e+00	4.202500e+04	0	0
##	[22082,]	2.500000e+01	0.000000e+00	0	0
##	[22083,]	8.873640e+05	4.809249e+06	0	0
##	[22084,]	1.036324e+06	9.101160e+07	0	0
##	[22085,]	7.290000e+02	0.000000e+00	0	0
##	[22086,]	0.000000e+00	0.000000e+00	0	0
##	[22087,]	2.480040e+05	0.000000e+00	0	0
##	[22088,]	0.000000e+00	0.000000e+00	0	0
##	[22089,]	1.369000e+03	1.000000e+00	0	0
##	[22090,]	0.000000e+00	0.000000e+00	0	0
##	[22091,]	0.000000e+00	0.000000e+00	0	0
##	[22092,]	1.040400e+04	1.000000e+00	0	0
##	[22093,]	4.622500e+04	7.840000e+04	0	0
##	[22094,]	0.000000e+00	0.000000e+00	0	0
##	[22095,]	7.182400e+04	1.552516e+06	0	0
##	[22096,]	0.000000e+00	3.610000e+02	0	0
##	[22097,]	3.036010e+05	2.894440e+07	0	0
##	[22098,]	3.636090e+05	1.760929e+06	0	0
##	[22099,]	4.000000e+00	0.000000e+00	0	0
##	[22100,]	0.000000e+00	1.562500e+04	0	0
##	[22101,]	4.096000e+03	9.548100e+04	0	0
##	[22102,]	1.000000e+00	0.000000e+00	0	0
##	[22103,]	7.921000e+03	1.718721e+06	0	0
##	[22104,]	0.000000e+00	1.681000e+03	0	0
##	[22105,]	2.420640e+05	0.000000e+00	0	0
##	[22106,]	1.225000e+03	3.027600e+04	0	0
##	[22107,]	1.000000e+00	0.000000e+00	0	0
##	[22108,]	3.481000e+03	9.025000e+05	0	0
##	[22109,]	0.000000e+00	2.250000e+02	0	0
##	[22110,]	1.024000e+03	1.909690e+05	0	0
##	[22111,]	3.240000e+02	7.056000e+03	0	0
##	[22112,]	1.000000e+00	0.000000e+00	0	0
##	[22113,]	0.000000e+00	2.500000e+01	0	0
##	[22114,]	0.000000e+00	0.000000e+00	0	0
##	[22115,]	3.610000e+02	4.665600e+04	0	0
##	[22116,]	4.900000e+01	3.610000e+02	0	0
##	[22117,]	0.000000e+00	9.000000e+00	0	0
##	[22118,]	0.000000e+00	1.000000e+00	0	0
##	[22119,]	0.000000e+00	0.000000e+00	0	0
##	[22120,]	0.000000e+00	0.000000e+00	0	0
##	[22121,]	0.000000e+00	1.000000e+02	0	0
##	[22122,]	1.521000e+03	1.521000e+03	0	0
##	[22123,]	0.000000e+00	0.000000e+00	0	0
##	[22124,]	0.000000e+00	3.610000e+02	0	0
##	[22125,]	3.132900e+04	6.864400e+04	0	0
##	[22126,]	0.000000e+00	1.988100e+04	0	0
##	[22127,]	4.858090e+05	3.433960e+07	0	0
##	[22128,]	1.944810e+05	1.697809e+06	0	0
##	[22129,]	9.000000e+00	0.000000e+00	0	0
##	[22130,]	0.000000e+00	0.000000e+00	0	0
##	[22131,]	2.250000e+02	0.000000e+00	0	0
##	[22132,]	1.421290e+05	0.000000e+00	0	0

##	[22133,]	0.000000e+00	0.000000e+00	0	0
##	[22134,]	1.960000e+02	0.000000e+00	0	0
##	[22135,]	5.041000e+03	0.000000e+00	0	0
##	[22136,]	0.000000e+00	0.000000e+00	0	0
##	[22137,]	0.000000e+00	0.000000e+00	0	0
##	[22138,]	2.496400e+04	7.992360e+05	0	0
##	[22139,]	0.000000e+00	0.000000e+00	0	0
##	[22140,]	0.000000e+00	4.000000e+02	0	0
##	[22141,]	1.081600e+04	3.648100e+04	0	0
##	[22142,]	1.648360e+05	1.047170e+07	0	0
##	[22143,]	0.000000e+00	8.836000e+03	0	0
##	[22144,]	4.000000e+00	0.000000e+00	0	0
##	[22145,]	7.672900e+04	6.432040e+05	0	0
##	[22146,]	0.000000e+00	4.840000e+02	0	0
##	[22147,]	1.000000e+00	0.000000e+00	0	0
##	[22148,]	9.610000e+02	2.958400e+04	0	0
##	[22149,]	2.809000e+03	5.730490e+05	0	0
##	[22150,]	2.209000e+05	0.000000e+00	0	0
##	[22151,]	0.000000e+00	2.500000e+01	0	0
##	[22152,]	2.025000e+03	2.704000e+05	0	0
##	[22153,]	0.000000e+00	0.000000e+00	0	0
##	[22154,]	2.560000e+02	8.649000e+03	0	0
##	[22155,]	1.000000e+02	1.225000e+03	0	0
##	[22156,]	0.000000e+00	0.000000e+00	0	0
##	[22157,]	0.000000e+00	0.000000e+00	0	0
##	[22158,]	2.890000e+02	8.352100e+04	0	0
##	[22159,]	0.000000e+00	0.000000e+00	0	0
##	[22160,]	9.000000e+00	1.000000e+02	0	0
##	[22161,]	0.000000e+00	0.000000e+00	0	0
##	[22162,]	3.240000e+02	2.689600e+04	0	0
##	[22163,]	0.000000e+00	1.000000e+00	0	0
##	[22164,]	0.000000e+00	0.000000e+00	0	0
##	[22165,]	1.000000e+00	1.690000e+02	0	0
##	[22166,]	0.000000e+00	0.000000e+00	0	0
##	[22167,]	1.440000e+02	3.600000e+01	0	0
##	[22168,]	1.960000e+02	0.000000e+00	0	0
##	[22169,]	1.742400e+04	2.689600e+04	0	0
##	[22170,]	0.000000e+00	0.000000e+00	0	0
##	[22171,]	1.020100e+04	3.240000e+02	0	0
##	[22172,]	2.735290e+05	2.011522e+07	0	0
##	[22173,]	8.179600e+04	9.920160e+05	0	0
##	[22174,]	0.000000e+00	0.000000e+00	0	0
##	[22175,]	1.000000e+02	0.000000e+00	0	0
##	[22176,]	5.476000e+03	0.000000e+00	0	0
##	[22177,]	0.000000e+00	0.000000e+00	0	0
##	[22178,]	0.000000e+00	0.000000e+00	0	0
##	[22179,]	5.625000e+03	1.000000e+00	0	0
##	[22180,]	0.000000e+00	0.000000e+00	0	0
##	[22181,]	1.210000e+02	4.000000e+00	0	0
##	[22182,]	0.000000e+00	0.000000e+00	0	0
##	[22183,]	2.250000e+02	9.000000e+00	0	0
##	[22184,]	0.000000e+00	0.000000e+00	0	0
##	[22185,]	1.512900e+04	5.685160e+05	0	0
##	[22186,]	7.744000e+03	2.220100e+04	0	0

##	[22187,]	9.120400e+04	6.708100e+06	0	0
##	[22188,]	2.656900e+04	3.721000e+05	0	0
##	[22189,]	0.000000e+00	0.000000e+00	0	0
##	[22190,]	3.481000e+03	1.960000e+02	0	0
##	[22191,]	2.560000e+02	1.612900e+04	0	0
##	[22192,]	0.000000e+00	0.000000e+00	0	0
##	[22193,]	1.681000e+03	2.641960e+05	0	0
##	[22194,]	3.240000e+02	0.000000e+00	0	0
##	[22195,]	0.000000e+00	0.000000e+00	0	0
##	[22196,]	1.000000e+02	4.900000e+03	0	0
##	[22197,]	0.000000e+00	0.000000e+00	0	0
##	[22198,]	1.024000e+03	1.232010e+05	0	0
##	[22199,]	2.500000e+01	1.000000e+00	0	0
##	[22200,]	2.500000e+01	1.225000e+03	0	0
##	[22201,]	0.000000e+00	0.000000e+00	0	0
##	[22202,]	2.890000e+02	3.168400e+04	0	0
##	[22203,]	4.000000e+00	0.000000e+00	0	0
##	[22204,]	1.600000e+01	2.500000e+01	0	0
##	[22205,]	0.000000e+00	0.000000e+00	0	0
##	[22206,]	6.400000e+01	9.604000e+03	0	0
##	[22207,]	4.000000e+00	0.000000e+00	0	0
##	[22208,]	0.000000e+00	1.000000e+00	0	0
##	[22209,]	0.000000e+00	0.000000e+00	0	0
##	[22210,]	0.000000e+00	0.000000e+00	0	0
##	[22211,]	0.000000e+00	4.000000e+00	0	0
##	[22212,]	2.500000e+01	0.000000e+00	0	0
##	[22213,]	0.000000e+00	0.000000e+00	0	0
##	[22214,]	6.241000e+03	9.604000e+03	0	0
##	[22215,]	8.100000e+01	4.410000e+02	0	0
##	[22216,]	1.345600e+04	3.600000e+01	0	0
##	[22217,]	4.796100e+04	8.779690e+05	0	0
##	[22218,]	0.000000e+00	0.000000e+00	0	0
##	[22219,]	2.420640e+05	1.843844e+07	0	0
##	[22220,]	2.592100e+04	4.000000e+00	0	0
##	[22221,]	0.000000e+00	0.000000e+00	0	0
##	[22222,]	0.000000e+00	0.000000e+00	0	0
##	[22223,]	1.600000e+01	0.000000e+00	0	0
##	[22224,]	0.000000e+00	0.000000e+00	0	0
##	[22225,]	0.000000e+00	0.000000e+00	0	0
##	[22226,]	3.249000e+03	1.000000e+00	0	0
##	[22227,]	8.100000e+01	0.000000e+00	0	0
##	[22228,]	0.000000e+00	0.000000e+00	0	0
##	[22229,]	3.025000e+03	2.102500e+04	0	0
##	[22230,]	1.368900e+04	5.655040e+05	0	0
##	[22231,]	3.240000e+02	4.000000e+00	0	0
##	[22232,]	2.102500e+04	3.422250e+05	0	0
##	[22233,]	0.000000e+00	0.000000e+00	0	0
##	[22234,]	8.410000e+04	6.517809e+06	0	0
##	[22235,]	4.356000e+03	1.600000e+01	0	0
##	[22236,]	0.000000e+00	0.000000e+00	0	0
##	[22237,]	1.690000e+02	1.254400e+04	0	0
##	[22238,]	2.890000e+02	0.000000e+00	0	0
##	[22239,]	7.840000e+02	2.237290e+05	0	0
##	[22240,]	1.904400e+04	0.000000e+00	0	0

##	[22241,]	9.610000e+02	9.486400e+04	0	0
##	[22242,]	9.000000e+00	3.844000e+03	0	0
##	[22243,]	1.960000e+02	0.000000e+00	0	0
##	[22244,]	0.000000e+00	0.000000e+00	0	0
##	[22245,]	1.690000e+02	2.340900e+04	0	0
##	[22246,]	1.000000e+00	4.840000e+02	0	0
##	[22247,]	1.000000e+00	0.000000e+00	0	0
##	[22248,]	0.000000e+00	0.000000e+00	0	0
##	[22249,]	1.690000e+02	3.025000e+03	0	0
##	[22250,]	0.000000e+00	0.000000e+00	0	0
##	[22251,]	0.000000e+00	0.000000e+00	0	0
##	[22252,]	4.000000e+00	1.210000e+02	0	0
##	[22253,]	0.000000e+00	0.000000e+00	0	0
##	[22254,]	0.000000e+00	4.900000e+01	0	0
##	[22255,]	0.000000e+00	0.000000e+00	0	0
##	[22256,]	0.000000e+00	0.000000e+00	0	0
##	[22257,]	6.400000e+03	1.166400e+04	0	0
##	[22258,]	1.600000e+01	0.000000e+00	0	0
##	[22259,]	1.210000e+02	2.250000e+02	0	0
##	[22260,]	0.000000e+00	0.000000e+00	0	0
##	[22261,]	1.082410e+05	1.180610e+07	0	0
##	[22262,]	0.000000e+00	0.000000e+00	0	0
##	[22263,]	9.000000e+00	0.000000e+00	0	0
##	[22264,]	2.433600e+04	3.552160e+05	0	0
##	[22265,]	0.000000e+00	4.900000e+03	0	0
##	[22266,]	0.000000e+00	0.000000e+00	0	0
##	[22267,]	9.000000e+00	0.000000e+00	0	0
##	[22268,]	1.512900e+04	0.000000e+00	0	0
##	[22269,]	0.000000e+00	0.000000e+00	0	0
##	[22270,]	0.000000e+00	0.000000e+00	0	0
##	[22271,]	0.000000e+00	0.000000e+00	0	0
##	[22272,]	8.410000e+02	4.000000e+00	0	0
##	[22273,]	0.000000e+00	0.000000e+00	0	0
##	[22274,]	0.000000e+00	0.000000e+00	0	0
##	[22275,]	9.000000e+00	0.000000e+00	0	0
##	[22276,]	0.000000e+00	0.000000e+00	0	0
##	[22277,]	9.216000e+03	3.481000e+05	0	0
##	[22278,]	0.000000e+00	0.000000e+00	0	0
##	[22279,]	0.000000e+00	1.440000e+02	0	0
##	[22280,]	2.401000e+03	8.281000e+03	0	0
##	[22281,]	0.000000e+00	1.849000e+03	0	0
##	[22282,]	7.921000e+03	1.274490e+05	0	0
##	[22283,]	3.496900e+04	4.060225e+06	0	0
##	[22284,]	0.000000e+00	0.000000e+00	0	0
##	[22285,]	1.000000e+00	0.000000e+00	0	0
##	[22286,]	4.000000e+00	0.000000e+00	0	0
##	[22287,]	0.000000e+00	0.000000e+00	0	0
##	[22288,]	1.210000e+02	6.084000e+03	0	0
##	[22289,]	6.250000e+02	1.398760e+05	0	0
##	[22290,]	0.000000e+00	6.400000e+01	0	0
##	[22291,]	1.210000e+04	0.000000e+00	0	0
##	[22292,]	0.000000e+00	0.000000e+00	0	0
##	[22293,]	1.600000e+01	1.600000e+03	0	0
##	[22294,]	0.000000e+00	0.000000e+00	0	0

##	[22295,]	0.000000e+00	4.000000e+00	0	0
##	[22296,]	1.440000e+02	8.294400e+04	0	0
##	[22297,]	0.000000e+00	0.000000e+00	0	0
##	[22298,]	0.000000e+00	9.000000e+00	0	0
##	[22299,]	2.500000e+01	1.254400e+04	0	0
##	[22300,]	0.000000e+00	0.000000e+00	0	0
##	[22301,]	1.000000e+00	4.410000e+02	0	0
##	[22302,]	0.000000e+00	0.000000e+00	0	0
##	[22303,]	0.000000e+00	4.000000e+00	0	0
##	[22304,]	0.000000e+00	0.000000e+00	0	0
##	[22305,]	1.600000e+01	3.249000e+03	0	0
##	[22306,]	4.000000e+00	8.100000e+01	0	0
##	[22307,]	0.000000e+00	1.600000e+01	0	0
##	[22308,]	0.000000e+00	0.000000e+00	0	0
##	[22309,]	0.000000e+00	0.000000e+00	0	0
##	[22310,]	0.000000e+00	0.000000e+00	0	0
##	[22311,]	0.000000e+00	0.000000e+00	0	0
##	[22312,]	1.000000e+00	0.000000e+00	0	0
##	[22313,]	1.764000e+03	1.000000e+04	0	0
##	[22314,]	0.000000e+00	0.000000e+00	0	0
##	[22315,]	2.500000e+01	1.440000e+02	0	0
##	[22316,]	0.000000e+00	0.000000e+00	0	0
##	[22317,]	0.000000e+00	5.184000e+03	0	0
##	[22318,]	1.276900e+04	5.565160e+05	0	0
##	[22319,]	5.616900e+04	1.066676e+07	0	0
##	[22320,]	0.000000e+00	0.000000e+00	0	0
##	[22321,]	0.000000e+00	0.000000e+00	0	0
##	[22322,]	0.000000e+00	0.000000e+00	0	0
##	[22323,]	1.600000e+01	0.000000e+00	0	0
##	[22324,]	0.000000e+00	0.000000e+00	0	0
##	[22325,]	0.000000e+00	0.000000e+00	0	0
##	[22326,]	1.102500e+04	0.000000e+00	0	0
##	[22327,]	6.250000e+02	0.000000e+00	0	0
##	[22328,]	0.000000e+00	0.000000e+00	0	0
##	[22329,]	1.600000e+01	0.000000e+00	0	0
##	[22330,]	0.000000e+00	0.000000e+00	0	0
##	[22331,]	0.000000e+00	0.000000e+00	0	0
##	[22332,]	0.000000e+00	2.560000e+02	0	0
##	[22333,]	3.600000e+03	3.868840e+05	0	0
##	[22334,]	0.000000e+00	0.000000e+00	0	0
##	[22335,]	1.089000e+03	1.345600e+04	0	0
##	[22336,]	0.000000e+00	0.000000e+00	0	0
##	[22337,]	4.900000e+03	2.391210e+05	0	0
##	[22338,]	0.000000e+00	0.000000e+00	0	0
##	[22339,]	0.000000e+00	1.521000e+03	0	0
##	[22340,]	2.102500e+04	3.481956e+06	0	0
##	[22341,]	0.000000e+00	0.000000e+00	0	0
##	[22342,]	3.600000e+01	7.396000e+03	0	0
##	[22343,]	1.000000e+02	1.115560e+05	0	0
##	[22344,]	0.000000e+00	0.000000e+00	0	0
##	[22345,]	0.000000e+00	1.000000e+02	0	0
##	[22346,]	0.000000e+00	0.000000e+00	0	0
##	[22347,]	3.844000e+03	0.000000e+00	0	0
##	[22348,]	1.000000e+00	1.225000e+03	0	0

##	[22349,]	0.000000e+00	1.600000e+01	0	0
##	[22350,]	0.000000e+00	0.000000e+00	0	0
##	[22351,]	1.690000e+02	7.128900e+04	0	0
##	[22352,]	0.000000e+00	0.000000e+00	0	0
##	[22353,]	0.000000e+00	0.000000e+00	0	0
##	[22354,]	0.000000e+00	0.000000e+00	0	0
##	[22355,]	0.000000e+00	0.000000e+00	0	0
##	[22356,]	1.000000e+00	3.610000e+02	0	0
##	[22357,]	2.500000e+01	1.512900e+04	0	0
##	[22358,]	1.600000e+01	2.916000e+03	0	0
##	[22359,]	0.000000e+00	0.000000e+00	0	0
##	[22360,]	0.000000e+00	9.000000e+00	0	0
##	[22361,]	0.000000e+00	0.000000e+00	0	0
##	[22362,]	4.000000e+00	1.000000e+00	0	0
##	[22363,]	0.000000e+00	0.000000e+00	0	0
##	[22364,]	0.000000e+00	0.000000e+00	0	0
##	[22365,]	0.000000e+00	0.000000e+00	0	0
##	[22366,]	0.000000e+00	0.000000e+00	0	0
##	[22367,]	1.000000e+00	1.690000e+02	0	0
##	[22368,]	1.369000e+03	7.921000e+03	0	0
##	[22369,]	0.000000e+00	0.000000e+00	0	0
##	[22370,]	1.000000e+00	8.100000e+01	0	0
##	[22371,]	0.000000e+00	0.000000e+00	0	0
##	[22372,]	0.000000e+00	0.000000e+00	0	0
##	[22373,]	0.000000e+00	0.000000e+00	0	0
##	[22374,]	5.184000e+03	3.684490e+05	0	0
##	[22375,]	0.000000e+00	0.000000e+00	0	0
##	[22376,]	0.000000e+00	2.890000e+02	0	0
##	[22377,]	4.884100e+04	8.773444e+06	0	0
##	[22378,]	2.601000e+03	1.000000e+00	0	0
##	[22379,]	1.000000e+00	0.000000e+00	0	0
##	[22380,]	0.000000e+00	0.000000e+00	0	0
##	[22381,]	0.000000e+00	0.000000e+00	0	0
##	[22382,]	0.000000e+00	0.000000e+00	0	0
##	[22383,]	4.410000e+02	0.000000e+00	0	0
##	[22384,]	0.000000e+00	0.000000e+00	0	0
##	[22385,]	9.000000e+00	0.000000e+00	0	0
##	[22386,]	0.000000e+00	0.000000e+00	0	0
##	[22387,]	0.000000e+00	0.000000e+00	0	0
##	[22388,]	0.000000e+00	9.000000e+00	0	0
##	[22389,]	2.250000e+02	1.368900e+04	0	0
##	[22390,]	0.000000e+00	0.000000e+00	0	0
##	[22391,]	0.000000e+00	0.000000e+00	0	0
##	[22392,]	2.116000e+03	3.552160e+05	0	0
##	[22393,]	1.936000e+03	1.354240e+05	0	0
##	[22394,]	0.000000e+00	0.000000e+00	0	0
##	[22395,]	0.000000e+00	0.000000e+00	0	0
##	[22396,]	1.795600e+04	2.808976e+06	0	0
##	[22397,]	0.000000e+00	8.100000e+01	0	0
##	[22398,]	0.000000e+00	0.000000e+00	0	0
##	[22399,]	6.400000e+01	3.844000e+03	0	0
##	[22400,]	0.000000e+00	0.000000e+00	0	0
##	[22401,]	2.250000e+02	1.162810e+05	0	0
##	[22402,]	0.000000e+00	4.000000e+00	0	0

##	[22403,]	1.225000e+03	0.000000e+00	0	0
##	[22404,]	1.000000e+02	3.841600e+04	0	0
##	[22405,]	0.000000e+00	0.000000e+00	0	0
##	[22406,]	0.000000e+00	0.000000e+00	0	0
##	[22407,]	1.000000e+00	1.521000e+03	0	0
##	[22408,]	0.000000e+00	0.000000e+00	0	0
##	[22409,]	0.000000e+00	0.000000e+00	0	0
##	[22410,]	2.500000e+01	9.025000e+03	0	0
##	[22411,]	0.000000e+00	0.000000e+00	0	0
##	[22412,]	1.600000e+01	2.890000e+02	0	0
##	[22413,]	0.000000e+00	0.000000e+00	0	0
##	[22414,]	0.000000e+00	1.600000e+01	0	0
##	[22415,]	1.210000e+02	3.364000e+03	0	0
##	[22416,]	0.000000e+00	0.000000e+00	0	0
##	[22417,]	0.000000e+00	9.000000e+00	0	0
##	[22418,]	0.000000e+00	0.000000e+00	0	0
##	[22419,]	0.000000e+00	0.000000e+00	0	0
##	[22420,]	0.000000e+00	9.000000e+00	0	0
##	[22421,]	0.000000e+00	0.000000e+00	0	0
##	[22422,]	0.000000e+00	0.000000e+00	0	0
##	[22423,]	0.000000e+00	0.000000e+00	0	0
##	[22424,]	0.000000e+00	0.000000e+00	0	0
##	[22425,]	7.840000e+02	6.241000e+03	0	0
##	[22426,]	0.000000e+00	0.000000e+00	0	0
##	[22427,]	0.000000e+00	0.000000e+00	0	0
##	[22428,]	4.900000e+01	1.690000e+02	0	0
##	[22429,]	0.000000e+00	0.000000e+00	0	0
##	[22430,]	9.604000e+03	3.588010e+05	484	0
##	[22431,]	8.100000e+01	0.000000e+00	0	0
##	[22432,]	4.000000e+04	1.039418e+07	1500625	0
##	[22433,]	3.600000e+01	0.000000e+00	0	0
##	[22434,]	0.000000e+00	0.000000e+00	0	0
##	[22435,]	0.000000e+00	0.000000e+00	0	0
##	[22436,]	4.000000e+00	0.000000e+00	0	0
##	[22437,]	0.000000e+00	0.000000e+00	0	0
##	[22438,]	4.225000e+03	1.521000e+03	0	0
##	[22439,]	0.000000e+00	0.000000e+00	0	0
##	[22440,]	0.000000e+00	0.000000e+00	0	0
##	[22441,]	0.000000e+00	0.000000e+00	0	0
##	[22442,]	4.000000e+00	0.000000e+00	0	0
##	[22443,]	3.610000e+02	7.921000e+03	0	0
##	[22444,]	1.000000e+00	0.000000e+00	0	0
##	[22445,]	4.000000e+00	0.000000e+00	0	0
##	[22446,]	0.000000e+00	0.000000e+00	0	0
##	[22447,]	7.290000e+02	1.144900e+04	0	0
##	[22448,]	1.936000e+03	4.705960e+05	0	0
##	[22449,]	9.000000e+00	0.000000e+00	0	0
##	[22450,]	3.969000e+03	1.560250e+05	0	0
##	[22451,]	0.000000e+00	0.000000e+00	0	0
##	[22452,]	1.638400e+04	3.426201e+06	0	0
##	[22453,]	9.000000e+00	0.000000e+00	0	0
##	[22454,]	8.100000e+01	1.128960e+05	0	0
##	[22455,]	0.000000e+00	0.000000e+00	0	0
##	[22456,]	0.000000e+00	0.000000e+00	0	0

##	[22457,]	1.600000e+01	2.500000e+03	0	0
##	[22458,]	1.000000e+00	0.000000e+00	0	0
##	[22459,]	1.681000e+03	0.000000e+00	0	0
##	[22460,]	6.400000e+01	4.579600e+04	4	0
##	[22461,]	1.600000e+01	1.024000e+03	0	0
##	[22462,]	0.000000e+00	0.000000e+00	0	0
##	[22463,]	9.000000e+00	0.000000e+00	0	0
##	[22464,]	4.000000e+00	0.000000e+00	0	0
##	[22465,]	0.000000e+00	0.000000e+00	0	0
##	[22466,]	0.000000e+00	0.000000e+00	0	0
##	[22467,]	0.000000e+00	1.210000e+02	0	0
##	[22468,]	9.000000e+00	9.604000e+03	4	0
##	[22469,]	0.000000e+00	0.000000e+00	0	0
##	[22470,]	6.400000e+01	1.521000e+03	1490841	0
##	[22471,]	0.000000e+00	0.000000e+00	0	0
##	[22472,]	0.000000e+00	0.000000e+00	0	0
##	[22473,]	0.000000e+00	0.000000e+00	0	0
##	[22474,]	0.000000e+00	1.600000e+01	484	0
##	[22475,]	0.000000e+00	0.000000e+00	0	0
##	[22476,]	0.000000e+00	9.000000e+00	16	0
##	[22477,]	0.000000e+00	0.000000e+00	0	0
##	[22478,]	0.000000e+00	0.000000e+00	0	0
##	[22479,]	0.000000e+00	0.000000e+00	0	0
##	[22480,]	4.000000e+00	0.000000e+00	0	0
##	[22481,]	9.000000e+00	0.000000e+00	0	0
##	[22482,]	0.000000e+00	0.000000e+00	0	0
##	[22483,]	4.000000e+00	1.210000e+02	0	0
##	[22484,]	2.890000e+02	8.836000e+03	324	0
##	[22485,]	3.348900e+04	1.022720e+07	2331729	0
##	[22486,]	7.840000e+02	0.000000e+00	0	0
##	[22487,]	1.254400e+04	5.155240e+05	484	0
##	[22488,]	0.000000e+00	4.900000e+03	0	0
##	[22489,]	0.000000e+00	0.000000e+00	0	0
##	[22490,]	0.000000e+00	0.000000e+00	0	0
##	[22491,]	4.356000e+03	1.296000e+03	0	0
##	[22492,]	0.000000e+00	0.000000e+00	0	0
##	[22493,]	1.600000e+01	0.000000e+00	0	0
##	[22494,]	0.000000e+00	0.000000e+00	0	0
##	[22495,]	0.000000e+00	0.000000e+00	0	0
##	[22496,]	0.000000e+00	0.000000e+00	0	0
##	[22497,]	2.560000e+02	1.040400e+04	0	0
##	[22498,]	0.000000e+00	0.000000e+00	0	0
##	[22499,]	1.000000e+00	3.600000e+01	0	0
##	[22500,]	0.000000e+00	1.690000e+02	0	0
##	[22501,]	1.225000e+03	4.596840e+05	0	0
##	[22502,]	0.000000e+00	0.000000e+00	0	0
##	[22503,]	0.000000e+00	0.000000e+00	0	0
##	[22504,]	7.840000e+02	1.488400e+04	0	0
##	[22505,]	0.000000e+00	1.225000e+03	0	0
##	[22506,]	0.000000e+00	0.000000e+00	0	0
##	[22507,]	5.476000e+03	2.106810e+05	0	0
##	[22508,]	1.392400e+04	3.489424e+06	64	0
##	[22509,]	4.410000e+02	0.000000e+00	0	0
##	[22510,]	2.500000e+01	3.721000e+03	0	0

##	[22511,]	0.000000e+00	2.250000e+02	0	0
##	[22512,]	1.440000e+02	1.062760e+05	9	0
##	[22513,]	0.000000e+00	0.000000e+00	0	0
##	[22514,]	1.600000e+01	0.000000e+00	0	0
##	[22515,]	2.401000e+03	0.000000e+00	0	0
##	[22516,]	4.900000e+01	4.080400e+04	81	0
##	[22517,]	2.500000e+01	1.936000e+03	0	0
##	[22518,]	0.000000e+00	1.600000e+01	0	0
##	[22519,]	0.000000e+00	0.000000e+00	0	0
##	[22520,]	4.000000e+00	0.000000e+00	0	0
##	[22521,]	0.000000e+00	0.000000e+00	0	0
##	[22522,]	1.000000e+00	0.000000e+00	0	0
##	[22523,]	0.000000e+00	4.000000e+00	0	0
##	[22524,]	2.500000e+01	7.056000e+03	8464	0
##	[22525,]	0.000000e+00	5.290000e+02	0	0
##	[22526,]	0.000000e+00	0.000000e+00	0	0
##	[22527,]	0.000000e+00	0.000000e+00	0	0
##	[22528,]	0.000000e+00	8.100000e+01	484	0
##	[22529,]	3.600000e+01	1.600000e+03	2002225	0
##	[22530,]	0.000000e+00	1.000000e+00	0	0
##	[22531,]	0.000000e+00	1.000000e+00	0	0
##	[22532,]	0.000000e+00	1.000000e+00	4	0
##	[22533,]	0.000000e+00	0.000000e+00	0	0
##	[22534,]	0.000000e+00	0.000000e+00	0	0
##	[22535,]	0.000000e+00	0.000000e+00	0	0
##	[22536,]	3.600000e+01	1.440000e+02	0	0
##	[22537,]	1.000000e+02	0.000000e+00	0	0
##	[22538,]	0.000000e+00	0.000000e+00	0	0
##	[22539,]	0.000000e+00	3.600000e+01	0	0
##	[22540,]	3.240000e+02	4.624000e+03	4356	0
##	[22541,]	0.000000e+00	8.410000e+02	0	0
##	[22542,]	0.000000e+00	0.000000e+00	0	0
##	[22543,]	9.409000e+03	2.227840e+05	51529	0
##	[22544,]	1.876900e+04	3.301489e+06	7128900	0
##	[22545,]	1.210000e+02	0.000000e+00	0	0
##	[22546,]	0.000000e+00	0.000000e+00	0	0
##	[22547,]	0.000000e+00	0.000000e+00	0	0
##	[22548,]	1.000000e+00	1.000000e+00	0	0
##	[22549,]	0.000000e+00	0.000000e+00	0	0
##	[22550,]	2.209000e+03	2.304000e+03	0	0
##	[22551,]	0.000000e+00	0.000000e+00	0	0
##	[22552,]	0.000000e+00	0.000000e+00	0	0
##	[22553,]	1.960000e+02	1.392400e+04	0	0
##	[22554,]	0.000000e+00	0.000000e+00	0	0
##	[22555,]	9.000000e+00	1.000000e+00	0	0
##	[22556,]	4.000000e+00	0.000000e+00	0	0
##	[22557,]	1.444000e+03	1.600000e+05	1	0
##	[22558,]	0.000000e+00	9.000000e+00	0	0
##	[22559,]	6.250000e+02	1.562500e+04	0	0
##	[22560,]	0.000000e+00	0.000000e+00	0	0
##	[22561,]	4.489000e+03	6.916900e+04	1	0
##	[22562,]	2.500000e+01	0.000000e+00	0	0
##	[22563,]	0.000000e+00	2.250000e+02	0	0
##	[22564,]	6.241000e+03	1.075369e+06	144	0

##	[22565,]	0.000000e+00	0.000000e+00	0	0
##	[22566,]	9.000000e+00	1.764000e+03	0	0
##	[22567,]	0.000000e+00	0.000000e+00	0	0
##	[22568,]	4.000000e+00	0.000000e+00	0	0
##	[22569,]	0.000000e+00	3.600000e+01	0	0
##	[22570,]	3.600000e+01	2.310400e+04	256	0
##	[22571,]	1.024000e+03	0.000000e+00	0	0
##	[22572,]	6.400000e+01	1.795600e+04	1156	0
##	[22573,]	0.000000e+00	0.000000e+00	0	0
##	[22574,]	0.000000e+00	9.000000e+00	0	0
##	[22575,]	4.000000e+00	7.840000e+02	0	0
##	[22576,]	1.000000e+00	0.000000e+00	0	0
##	[22577,]	1.600000e+01	4.096000e+03	1833316	0
##	[22578,]	0.000000e+00	4.000000e+00	0	0
##	[22579,]	0.000000e+00	0.000000e+00	0	0
##	[22580,]	0.000000e+00	0.000000e+00	0	0
##	[22581,]	0.000000e+00	1.440000e+02	33856	0
##	[22582,]	4.000000e+00	9.000000e+02	1570009	0
##	[22583,]	0.000000e+00	0.000000e+00	0	0
##	[22584,]	1.000000e+00	0.000000e+00	0	0
##	[22585,]	0.000000e+00	0.000000e+00	0	0
##	[22586,]	0.000000e+00	4.000000e+00	1764	0
##	[22587,]	0.000000e+00	1.000000e+00	256	0
##	[22588,]	0.000000e+00	0.000000e+00	0	0
##	[22589,]	0.000000e+00	0.000000e+00	0	0
##	[22590,]	0.000000e+00	0.000000e+00	0	0
##	[22591,]	0.000000e+00	0.000000e+00	0	0
##	[22592,]	1.600000e+01	0.000000e+00	0	0
##	[22593,]	1.210000e+02	2.704000e+03	900	0
##	[22594,]	0.000000e+00	1.000000e+00	0	0
##	[22595,]	0.000000e+00	0.000000e+00	0	0
##	[22596,]	1.600000e+01	4.900000e+01	0	0
##	[22597,]	1.742400e+04	9.840640e+05	2229049	0
##	[22598,]	9.000000e+00	0.000000e+00	0	0
##	[22599,]	0.000000e+00	0.000000e+00	0	0
##	[22600,]	3.600000e+03	3.841600e+04	9025	0
##	[22601,]	1.000000e+00	0.000000e+00	0	0
##	[22602,]	0.000000e+00	0.000000e+00	0	0
##	[22603,]	0.000000e+00	0.000000e+00	0	0
##	[22604,]	1.444000e+03	1.024000e+03	0	0
##	[22605,]	1.000000e+00	1.000000e+00	0	0
##	[22606,]	0.000000e+00	0.000000e+00	0	0
##	[22607,]	0.000000e+00	0.000000e+00	0	0
##	[22608,]	0.000000e+00	0.000000e+00	0	0
##	[22609,]	0.000000e+00	0.000000e+00	0	0
##	[22610,]	6.400000e+01	2.025000e+03	0	0
##	[22611,]	1.000000e+00	1.000000e+00	0	0
##	[22612,]	6.760000e+02	1.421290e+05	4	0
##	[22613,]	0.000000e+00	0.000000e+00	0	0
##	[22614,]	0.000000e+00	0.000000e+00	0	0
##	[22615,]	9.000000e+00	0.000000e+00	0	0
##	[22616,]	4.840000e+02	4.356000e+03	0	0
##	[22617,]	8.836000e+03	2.294410e+05	2916	0
##	[22618,]	1.000000e+00	0.000000e+00	0	0

##	[22619,]	0.000000e+00	0.000000e+00	0	0
##	[22620,]	0.000000e+00	0.000000e+00	0	0
##	[22621,]	1.369000e+03	1.254400e+04	4	0
##	[22622,]	0.000000e+00	0.000000e+00	0	0
##	[22623,]	2.500000e+01	4.096000e+03	1681	0
##	[22624,]	0.000000e+00	0.000000e+00	0	0
##	[22625,]	0.000000e+00	0.000000e+00	0	0
##	[22626,]	0.000000e+00	1.210000e+02	0	0
##	[22627,]	1.444000e+03	0.000000e+00	0	0
##	[22628,]	2.500000e+01	1.024000e+03	4489	0
##	[22629,]	0.000000e+00	0.000000e+00	0	0
##	[22630,]	0.000000e+00	0.000000e+00	0	0
##	[22631,]	0.000000e+00	0.000000e+00	0	0
##	[22632,]	1.000000e+00	2.500000e+01	16	0
##	[22633,]	1.000000e+00	6.250000e+02	592900	0
##	[22634,]	0.000000e+00	0.000000e+00	0	0
##	[22635,]	0.000000e+00	4.000000e+00	5625	0
##	[22636,]	0.000000e+00	0.000000e+00	0	0
##	[22637,]	0.000000e+00	0.000000e+00	0	0
##	[22638,]	0.000000e+00	0.000000e+00	196	0
##	[22639,]	0.000000e+00	0.000000e+00	0	0
##	[22640,]	0.000000e+00	0.000000e+00	0	0
##	[22641,]	1.000000e+00	2.250000e+02	312481	0
##	[22642,]	0.000000e+00	0.000000e+00	0	0
##	[22643,]	0.000000e+00	0.000000e+00	0	0
##	[22644,]	0.000000e+00	0.000000e+00	676	0
##	[22645,]	0.000000e+00	0.000000e+00	0	0
##	[22646,]	0.000000e+00	0.000000e+00	0	0
##	[22647,]	0.000000e+00	1.000000e+00	0	0
##	[22648,]	0.000000e+00	0.000000e+00	0	0
##	[22649,]	0.000000e+00	0.000000e+00	0	0
##	[22650,]	2.500000e+01	7.840000e+02	2601	0
##	[22651,]	0.000000e+00	0.000000e+00	0	0
##	[22652,]	0.000000e+00	4.000000e+00	0	0
##	[22653,]	3.600000e+01	0.000000e+00	0	0
##	[22654,]	8.464000e+03	2.102500e+04	65536	0
##	[22655,]	0.000000e+00	0.000000e+00	0	0
##	[22656,]	3.534400e+04	7.123360e+05	11095561	0
##	[22657,]	2.890000e+02	1.000000e+00	0	0
##	[22658,]	0.000000e+00	0.000000e+00	0	0
##	[22659,]	0.000000e+00	1.000000e+00	0	0
##	[22660,]	0.000000e+00	0.000000e+00	0	0
##	[22661,]	1.716100e+04	1.764000e+03	0	0
##	[22662,]	0.000000e+00	0.000000e+00	0	0
##	[22663,]	8.100000e+01	8.649000e+03	0	0
##	[22664,]	9.000000e+00	1.000000e+00	0	0
##	[22665,]	0.000000e+00	0.000000e+00	0	0
##	[22666,]	0.000000e+00	0.000000e+00	0	0
##	[22667,]	0.000000e+00	0.000000e+00	0	0
##	[22668,]	0.000000e+00	0.000000e+00	0	0
##	[22669,]	7.290000e+02	5.382400e+04	0	0
##	[22670,]	4.000000e+02	2.304000e+03	0	0
##	[22671,]	4.000000e+00	0.000000e+00	0	0
##	[22672,]	1.000000e+00	0.000000e+00	0	0

##	[22673,]	0.000000e+00	0.000000e+00	0	0
##	[22674,]	3.600000e+01	0.000000e+00	0	0
##	[22675,]	2.190400e+04	1.772410e+05	529	0
##	[22676,]	4.000000e+00	0.000000e+00	0	0
##	[22677,]	5.041000e+03	6.889000e+03	16	0
##	[22678,]	2.500000e+01	7.396000e+03	1600	0
##	[22679,]	4.000000e+00	0.000000e+00	0	0
##	[22680,]	0.000000e+00	6.400000e+01	4	0
##	[22681,]	0.000000e+00	0.000000e+00	0	0
##	[22682,]	6.400000e+01	0.000000e+00	0	0
##	[22683,]	9.610000e+02	0.000000e+00	0	0
##	[22684,]	1.000000e+00	1.000000e+00	0	0
##	[22685,]	2.500000e+01	2.401000e+03	786769	0
##	[22686,]	0.000000e+00	0.000000e+00	0	0
##	[22687,]	1.000000e+00	3.600000e+01	9409	0
##	[22688,]	1.000000e+00	0.000000e+00	0	0
##	[22689,]	4.000000e+00	1.296000e+03	2676496	0
##	[22690,]	0.000000e+00	0.000000e+00	0	0
##	[22691,]	0.000000e+00	0.000000e+00	0	0
##	[22692,]	0.000000e+00	0.000000e+00	0	0
##	[22693,]	0.000000e+00	0.000000e+00	20164	0
##	[22694,]	1.000000e+00	4.000000e+02	555025	0
##	[22695,]	0.000000e+00	0.000000e+00	0	0
##	[22696,]	0.000000e+00	0.000000e+00	0	0
##	[22697,]	0.000000e+00	0.000000e+00	121	0
##	[22698,]	0.000000e+00	0.000000e+00	0	0
##	[22699,]	0.000000e+00	9.000000e+00	576	0
##	[22700,]	0.000000e+00	0.000000e+00	0	0
##	[22701,]	0.000000e+00	0.000000e+00	1	0
##	[22702,]	0.000000e+00	0.000000e+00	0	0
##	[22703,]	0.000000e+00	0.000000e+00	0	0
##	[22704,]	6.889000e+03	0.000000e+00	0	0
##	[22705,]	0.000000e+00	0.000000e+00	0	0
##	[22706,]	0.000000e+00	0.000000e+00	0	0
##	[22707,]	0.000000e+00	0.000000e+00	0	0
##	[22708,]	0.000000e+00	0.000000e+00	0	0
##	[22709,]	2.500000e+01	0.000000e+00	0	0
##	[22710,]	0.000000e+00	0.000000e+00	0	0
##	[22711,]	3.600000e+01	0.000000e+00	0	0
##	[22712,]	5.625000e+03	6.905610e+05	11909401	0
##	[22713,]	7.396000e+03	4.752400e+04	67600	0
##	[22714,]	0.000000e+00	0.000000e+00	0	0
##	[22715,]	0.000000e+00	1.000000e+00	0	0
##	[22716,]	9.000000e+02	2.809000e+03	0	0
##	[22717,]	0.000000e+00	0.000000e+00	0	0
##	[22718,]	0.000000e+00	0.000000e+00	0	0
##	[22719,]	0.000000e+00	0.000000e+00	0	0
##	[22720,]	0.000000e+00	1.000000e+00	0	0
##	[22721,]	0.000000e+00	0.000000e+00	0	0
##	[22722,]	1.440000e+02	7.921000e+03	0	0
##	[22723,]	0.000000e+00	0.000000e+00	0	0
##	[22724,]	0.000000e+00	0.000000e+00	0	0
##	[22725,]	0.000000e+00	0.000000e+00	0	0
##	[22726,]	1.156000e+03	4.624000e+03	0	0

##	[22727,]	1.000000e+00	0.000000e+00	0	0
##	[22728,]	4.840000e+02	2.624400e+04	0	0
##	[22729,]	1.000000e+00	0.000000e+00	0	0
##	[22730,]	9.000000e+00	0.000000e+00	0	0
##	[22731,]	1.600000e+03	1.764000e+05	484	0
##	[22732,]	2.601000e+03	1.392400e+04	1	0
##	[22733,]	0.000000e+00	0.000000e+00	0	0
##	[22734,]	4.000000e+00	0.000000e+00	0	0
##	[22735,]	4.900000e+01	1.254400e+04	1936	0
##	[22736,]	1.000000e+00	2.250000e+02	1	0
##	[22737,]	0.000000e+00	0.000000e+00	0	0
##	[22738,]	4.000000e+00	0.000000e+00	0	0
##	[22739,]	6.250000e+02	0.000000e+00	0	0
##	[22740,]	0.000000e+00	4.900000e+01	9801	0
##	[22741,]	0.000000e+00	0.000000e+00	0	0
##	[22742,]	1.000000e+00	0.000000e+00	0	0
##	[22743,]	0.000000e+00	0.000000e+00	0	0
##	[22744,]	1.000000e+00	5.329000e+03	725904	0
##	[22745,]	1.000000e+00	0.000000e+00	0	0
##	[22746,]	0.000000e+00	6.400000e+01	19044	0
##	[22747,]	0.000000e+00	0.000000e+00	0	0
##	[22748,]	0.000000e+00	0.000000e+00	0	0
##	[22749,]	9.000000e+00	1.600000e+03	3258025	0
##	[22750,]	0.000000e+00	0.000000e+00	0	0
##	[22751,]	0.000000e+00	4.000000e+00	441	0
##	[22752,]	0.000000e+00	0.000000e+00	0	0
##	[22753,]	0.000000e+00	0.000000e+00	0	0
##	[22754,]	4.000000e+00	5.760000e+02	529984	0
##	[22755,]	0.000000e+00	0.000000e+00	0	0
##	[22756,]	0.000000e+00	0.000000e+00	0	0
##	[22757,]	0.000000e+00	0.000000e+00	1	0
##	[22758,]	0.000000e+00	0.000000e+00	0	0
##	[22759,]	0.000000e+00	1.600000e+01	729	0
##	[22760,]	4.000000e+00	0.000000e+00	0	0
##	[22761,]	2.500000e+01	1.444000e+03	6561	0
##	[22762,]	0.000000e+00	0.000000e+00	0	0
##	[22763,]	0.000000e+00	0.000000e+00	0	0
##	[22764,]	1.000000e+00	4.000000e+00	1	0
##	[22765,]	7.056000e+03	1.392400e+04	38025	0
##	[22766,]	4.000000e+00	0.000000e+00	0	0
##	[22767,]	1.440000e+02	0.000000e+00	0	0
##	[22768,]	3.136000e+03	3.091360e+05	7241481	0
##	[22769,]	0.000000e+00	0.000000e+00	0	0
##	[22770,]	0.000000e+00	0.000000e+00	0	0
##	[22771,]	2.560000e+02	1.210000e+02	0	0
##	[22772,]	0.000000e+00	0.000000e+00	0	0
##	[22773,]	0.000000e+00	0.000000e+00	0	0
##	[22774,]	1.000000e+00	1.000000e+00	0	0
##	[22775,]	0.000000e+00	0.000000e+00	0	0
##	[22776,]	0.000000e+00	0.000000e+00	0	0
##	[22777,]	4.000000e+00	0.000000e+00	0	0
##	[22778,]	0.000000e+00	0.000000e+00	0	0
##	[22779,]	1.600000e+01	1.225000e+03	0	0
##	[22780,]	5.760000e+02	1.600000e+03	0	0

##	[22781,]	8.100000e+01	8.281000e+03	0	0
##	[22782,]	0.000000e+00	0.000000e+00	0	0
##	[22783,]	0.000000e+00	0.000000e+00	0	0
##	[22784,]	2.500000e+01	0.000000e+00	0	0
##	[22785,]	1.225000e+03	9.424900e+04	529	0
##	[22786,]	0.000000e+00	0.000000e+00	0	0
##	[22787,]	1.600000e+01	0.000000e+00	0	0
##	[22788,]	1.000000e+00	0.000000e+00	0	0
##	[22789,]	3.249000e+03	5.041000e+03	25	0
##	[22790,]	2.500000e+01	4.489000e+03	1296	0
##	[22791,]	0.000000e+00	0.000000e+00	0	0
##	[22792,]	1.000000e+00	0.000000e+00	0	0
##	[22793,]	9.000000e+00	1.600000e+01	9	0
##	[22794,]	1.000000e+00	0.000000e+00	0	0
##	[22795,]	1.960000e+02	0.000000e+00	0	0
##	[22796,]	0.000000e+00	0.000000e+00	0	0
##	[22797,]	1.600000e+01	2.116000e+03	498436	0
##	[22798,]	1.000000e+00	0.000000e+00	0	0
##	[22799,]	0.000000e+00	0.000000e+00	0	0
##	[22800,]	0.000000e+00	9.000000e+00	3969	0
##	[22801,]	0.000000e+00	0.000000e+00	0	0
##	[22802,]	4.000000e+00	9.610000e+02	1833316	0
##	[22803,]	0.000000e+00	0.000000e+00	12321	0
##	[22804,]	0.000000e+00	0.000000e+00	0	0
##	[22805,]	1.000000e+00	0.000000e+00	0	0
##	[22806,]	0.000000e+00	0.000000e+00	0	0
##	[22807,]	0.000000e+00	0.000000e+00	0	0
##	[22808,]	1.000000e+00	1.960000e+02	327184	0
##	[22809,]	0.000000e+00	0.000000e+00	0	0
##	[22810,]	0.000000e+00	0.000000e+00	169	0
##	[22811,]	0.000000e+00	0.000000e+00	289	0
##	[22812,]	0.000000e+00	0.000000e+00	0	0
##	[22813,]	0.000000e+00	0.000000e+00	0	0
##	[22814,]	0.000000e+00	0.000000e+00	0	0
##	[22815,]	0.000000e+00	0.000000e+00	0	0
##	[22816,]	0.000000e+00	0.000000e+00	0	0
##	[22817,]	4.900000e+01	1.690000e+02	2025	0
##	[22818,]	0.000000e+00	0.000000e+00	0	0
##	[22819,]	1.000000e+00	0.000000e+00	0	0
##	[22820,]	0.000000e+00	0.000000e+00	0	0
##	[22821,]	1.444000e+03	2.143690e+05	4284900	0
##	[22822,]	0.000000e+00	2.500000e+01	0	0
##	[22823,]	0.000000e+00	0.000000e+00	0	0
##	[22824,]	1.936000e+03	9.409000e+03	16129	0
##	[22825,]	9.000000e+00	0.000000e+00	0	0
##	[22826,]	1.960000e+02	2.250000e+02	0	0
##	[22827,]	0.000000e+00	0.000000e+00	0	0
##	[22828,]	0.000000e+00	0.000000e+00	0	0
##	[22829,]	0.000000e+00	0.000000e+00	0	0
##	[22830,]	0.000000e+00	0.000000e+00	0	0
##	[22831,]	4.000000e+00	3.600000e+01	0	0
##	[22832,]	0.000000e+00	0.000000e+00	0	0
##	[22833,]	0.000000e+00	0.000000e+00	0	0
##	[22834,]	0.000000e+00	0.000000e+00	0	0

##	[22835,]	1.000000e+00	1.000000e+00	0	0
##	[22836,]	0.000000e+00	0.000000e+00	0	0
##	[22837,]	0.000000e+00	1.000000e+00	0	0
##	[22838,]	0.000000e+00	0.000000e+00	0	0
##	[22839,]	4.900000e+01	5.041000e+03	4	0
##	[22840,]	2.250000e+02	7.840000e+02	0	0
##	[22841,]	0.000000e+00	1.600000e+01	0	0
##	[22842,]	4.000000e+00	0.000000e+00	0	0
##	[22843,]	0.000000e+00	0.000000e+00	0	0
##	[22844,]	4.840000e+02	5.808100e+04	625	0
##	[22845,]	7.290000e+02	3.844000e+03	1	0
##	[22846,]	9.000000e+00	2.809000e+03	676	0
##	[22847,]	0.000000e+00	0.000000e+00	0	0
##	[22848,]	1.000000e+00	2.500000e+01	9	0
##	[22849,]	0.000000e+00	0.000000e+00	0	0
##	[22850,]	0.000000e+00	0.000000e+00	0	0
##	[22851,]	6.400000e+01	0.000000e+00	0	0
##	[22852,]	0.000000e+00	0.000000e+00	0	0
##	[22853,]	1.000000e+00	0.000000e+00	0	0
##	[22854,]	0.000000e+00	4.000000e+00	3249	0
##	[22855,]	9.000000e+00	2.809000e+03	419904	0
##	[22856,]	0.000000e+00	0.000000e+00	0	0
##	[22857,]	0.000000e+00	0.000000e+00	0	0
##	[22858,]	0.000000e+00	0.000000e+00	3136	0
##	[22859,]	0.000000e+00	0.000000e+00	0	0
##	[22860,]	4.000000e+00	7.290000e+02	857476	0
##	[22861,]	0.000000e+00	0.000000e+00	0	0
##	[22862,]	0.000000e+00	0.000000e+00	0	0
##	[22863,]	0.000000e+00	0.000000e+00	0	0
##	[22864,]	1.000000e+00	3.240000e+02	196249	0
##	[22865,]	0.000000e+00	0.000000e+00	0	0
##	[22866,]	1.000000e+00	0.000000e+00	100	0
##	[22867,]	0.000000e+00	0.000000e+00	0	0
##	[22868,]	0.000000e+00	0.000000e+00	0	0
##	[22869,]	0.000000e+00	0.000000e+00	0	0
##	[22870,]	0.000000e+00	0.000000e+00	64	0
##	[22871,]	0.000000e+00	0.000000e+00	0	0
##	[22872,]	0.000000e+00	0.000000e+00	0	0
##	[22873,]	1.000000e+00	1.690000e+02	2025	0
##	[22874,]	0.000000e+00	0.000000e+00	0	0
##	[22875,]	0.000000e+00	0.000000e+00	0	0
##	[22876,]	0.000000e+00	0.000000e+00	16	0
##	[22877,]	0.000000e+00	0.000000e+00	0	0
##	[22878,]	9.000000e+00	0.000000e+00	0	0
##	[22879,]	1.764000e+03	1.369000e+03	8649	0
##	[22880,]	0.000000e+00	0.000000e+00	0	0
##	[22881,]	3.481000e+03	2.097640e+05	2692881	0
##	[22882,]	0.000000e+00	0.000000e+00	0	0
##	[22883,]	2.500000e+01	4.000000e+00	0	0
##	[22884,]	0.000000e+00	0.000000e+00	0	0
##	[22885,]	0.000000e+00	0.000000e+00	0	0
##	[22886,]	0.000000e+00	0.000000e+00	0	0
##	[22887,]	0.000000e+00	0.000000e+00	0	0
##	[22888,]	0.000000e+00	0.000000e+00	0	0

##	[22889,]	9.000000e+00	1.600000e+01	0	0
##	[22890,]	0.000000e+00	0.000000e+00	0	0
##	[22891,]	0.000000e+00	0.000000e+00	0	0
##	[22892,]	0.000000e+00	0.000000e+00	0	0
##	[22893,]	1.690000e+02	1.000000e+02	0	0
##	[22894,]	1.000000e+00	0.000000e+00	0	0
##	[22895,]	3.600000e+01	5.184000e+03	0	0
##	[22896,]	0.000000e+00	0.000000e+00	0	0
##	[22897,]	0.000000e+00	0.000000e+00	0	0
##	[22898,]	8.410000e+02	3.610000e+02	9	0
##	[22899,]	0.000000e+00	0.000000e+00	0	0
##	[22900,]	2.209000e+03	6.864400e+04	1225	0
##	[22901,]	1.000000e+00	0.000000e+00	0	0
##	[22902,]	9.000000e+00	2.025000e+03	1296	0
##	[22903,]	0.000000e+00	0.000000e+00	0	0
##	[22904,]	0.000000e+00	0.000000e+00	0	0
##	[22905,]	0.000000e+00	0.000000e+00	0	0
##	[22906,]	0.000000e+00	9.000000e+00	4	0
##	[22907,]	1.960000e+02	0.000000e+00	0	0
##	[22908,]	0.000000e+00	0.000000e+00	0	0
##	[22909,]	4.000000e+00	1.681000e+03	235225	0
##	[22910,]	1.000000e+00	0.000000e+00	0	0
##	[22911,]	0.000000e+00	0.000000e+00	0	0
##	[22912,]	0.000000e+00	1.000000e+00	1225	0
##	[22913,]	0.000000e+00	4.410000e+02	570025	0
##	[22914,]	0.000000e+00	0.000000e+00	0	0
##	[22915,]	0.000000e+00	0.000000e+00	0	0
##	[22916,]	0.000000e+00	4.000000e+00	2116	0
##	[22917,]	0.000000e+00	0.000000e+00	0	0
##	[22918,]	1.000000e+00	2.890000e+02	108900	0
##	[22919,]	0.000000e+00	0.000000e+00	0	0
##	[22920,]	0.000000e+00	0.000000e+00	0	0
##	[22921,]	0.000000e+00	4.000000e+00	49	0
##	[22922,]	0.000000e+00	0.000000e+00	0	0
##	[22923,]	0.000000e+00	0.000000e+00	0	0
##	[22924,]	0.000000e+00	0.000000e+00	0	0
##	[22925,]	0.000000e+00	0.000000e+00	0	0
##	[22926,]	0.000000e+00	0.000000e+00	144	0
##	[22927,]	0.000000e+00	0.000000e+00	0	0
##	[22928,]	0.000000e+00	0.000000e+00	0	0
##	[22929,]	0.000000e+00	0.000000e+00	0	0
##	[22930,]	3.600000e+01	1.960000e+02	12321	0
##	[22931,]	0.000000e+00	0.000000e+00	0	0
##	[22932,]	0.000000e+00	0.000000e+00	0	0
##	[22933,]	6.760000e+02	4.840000e+04	418609	0
##	[22934,]	0.000000e+00	0.000000e+00	0	0
##	[22935,]	6.760000e+02	1.210000e+02	3969	0
##	[22936,]	0.000000e+00	0.000000e+00	0	0
##	[22937,]	0.000000e+00	0.000000e+00	0	0
##	[22938,]	0.000000e+00	0.000000e+00	0	0
##	[22939,]	0.000000e+00	0.000000e+00	0	0
##	[22940,]	1.690000e+02	1.000000e+00	0	0
##	[22941,]	4.000000e+00	0.000000e+00	0	0
##	[22942,]	0.000000e+00	0.000000e+00	0	0

##	[22943,]	0.000000e+00	0.000000e+00	0	0
##	[22944,]	0.000000e+00	0.000000e+00	0	0
##	[22945,]	1.600000e+01	4.900000e+01	0	0
##	[22946,]	0.000000e+00	0.000000e+00	0	0
##	[22947,]	0.000000e+00	0.000000e+00	0	0
##	[22948,]	3.600000e+01	0.000000e+00	0	0
##	[22949,]	1.000000e+00	1.369000e+03	1	0
##	[22950,]	0.000000e+00	0.000000e+00	0	0
##	[22951,]	0.000000e+00	0.000000e+00	0	0
##	[22952,]	0.000000e+00	0.000000e+00	0	0
##	[22953,]	4.000000e+02	6.400000e+01	4	0
##	[22954,]	4.000000e+02	1.768900e+04	256	0
##	[22955,]	0.000000e+00	0.000000e+00	0	0
##	[22956,]	0.000000e+00	0.000000e+00	0	0
##	[22957,]	0.000000e+00	0.000000e+00	0	0
##	[22958,]	0.000000e+00	1.000000e+00	1	0
##	[22959,]	0.000000e+00	2.890000e+02	81	0
##	[22960,]	0.000000e+00	0.000000e+00	0	0
##	[22961,]	0.000000e+00	0.000000e+00	0	0
##	[22962,]	0.000000e+00	0.000000e+00	0	0
##	[22963,]	8.100000e+01	0.000000e+00	0	0
##	[22964,]	0.000000e+00	0.000000e+00	0	0
##	[22965,]	0.000000e+00	0.000000e+00	0	0
##	[22966,]	0.000000e+00	1.000000e+00	625	0
##	[22967,]	9.000000e+00	3.240000e+02	43264	0
##	[22968,]	0.000000e+00	0.000000e+00	0	0
##	[22969,]	1.000000e+00	1.000000e+02	106276	0
##	[22970,]	0.000000e+00	0.000000e+00	0	0
##	[22971,]	0.000000e+00	0.000000e+00	0	0
##	[22972,]	0.000000e+00	0.000000e+00	0	0
##	[22973,]	0.000000e+00	0.000000e+00	900	0
##	[22974,]	0.000000e+00	0.000000e+00	0	0
##	[22975,]	1.000000e+00	2.500000e+01	7569	0
##	[22976,]	0.000000e+00	0.000000e+00	0	0
##	[22977,]	0.000000e+00	0.000000e+00	0	0
##	[22978,]	0.000000e+00	1.000000e+00	25	0
##	[22979,]	0.000000e+00	0.000000e+00	0	0
##	[22980,]	0.000000e+00	0.000000e+00	0	0
##	[22981,]	0.000000e+00	0.000000e+00	0	0
##	[22982,]	0.000000e+00	0.000000e+00	0	0
##	[22983,]	0.000000e+00	0.000000e+00	25	0
##	[22984,]	0.000000e+00	0.000000e+00	0	0
##	[22985,]	1.000000e+00	4.000000e+00	49	0
##	[22986,]	0.000000e+00	0.000000e+00	0	0
##	[22987,]	0.000000e+00	0.000000e+00	4	0
##	[22988,]	0.000000e+00	0.000000e+00	0	0
##	[22989,]	9.000000e+00	0.000000e+00	0	0
##	[22990,]	1.849000e+03	1.690000e+02	4900	0
##	[22991,]	0.000000e+00	0.000000e+00	0	0
##	[22992,]	1.089000e+03	7.236100e+04	769129	0
##	[22993,]	1.000000e+00	0.000000e+00	0	0
##	[22994,]	0.000000e+00	0.000000e+00	0	0
##	[22995,]	0.000000e+00	0.000000e+00	0	0
##	[22996,]	6.400000e+01	4.000000e+00	0	0

##	[22997,]	0.000000e+00	0.000000e+00	0	0
##	[22998,]	0.000000e+00	0.000000e+00	0	0
##	[22999,]	0.000000e+00	0.000000e+00	0	0
##	[23000,]	0.000000e+00	0.000000e+00	0	0
##	[23001,]	2.500000e+01	8.100000e+01	0	0
##	[23002,]	0.000000e+00	0.000000e+00	0	0
##	[23003,]	0.000000e+00	0.000000e+00	0	0
##	[23004,]	0.000000e+00	0.000000e+00	0	0
##	[23005,]	1.000000e+02	0.000000e+00	0	0
##	[23006,]	0.000000e+00	0.000000e+00	0	0
##	[23007,]	3.600000e+01	1.764000e+03	1	0
##	[23008,]	0.000000e+00	0.000000e+00	0	0
##	[23009,]	4.410000e+02	2.371600e+04	144	0
##	[23010,]	1.000000e+00	0.000000e+00	0	0
##	[23011,]	0.000000e+00	0.000000e+00	0	0
##	[23012,]	1.024000e+03	8.100000e+01	0	0
##	[23013,]	1.000000e+00	0.000000e+00	0	0
##	[23014,]	9.000000e+00	5.290000e+02	256	0
##	[23015,]	0.000000e+00	1.000000e+00	1	0
##	[23016,]	1.000000e+00	0.000000e+00	0	0
##	[23017,]	0.000000e+00	0.000000e+00	0	0
##	[23018,]	0.000000e+00	0.000000e+00	0	0
##	[23019,]	1.600000e+01	0.000000e+00	0	0
##	[23020,]	0.000000e+00	0.000000e+00	0	0
##	[23021,]	0.000000e+00	6.250000e+02	71824	0
##	[23022,]	1.000000e+00	0.000000e+00	0	0
##	[23023,]	0.000000e+00	0.000000e+00	0	0
##	[23024,]	0.000000e+00	9.000000e+00	900	0
##	[23025,]	0.000000e+00	0.000000e+00	0	0
##	[23026,]	0.000000e+00	0.000000e+00	0	0
##	[23027,]	1.000000e+00	1.440000e+02	160801	0
##	[23028,]	0.000000e+00	0.000000e+00	0	0
##	[23029,]	0.000000e+00	0.000000e+00	1156	0
##	[23030,]	0.000000e+00	0.000000e+00	0	0
##	[23031,]	4.000000e+00	1.690000e+02	32041	0
##	[23032,]	0.000000e+00	0.000000e+00	0	0
##	[23033,]	1.000000e+00	0.000000e+00	25	0
##	[23034,]	0.000000e+00	0.000000e+00	0	0
##	[23035,]	0.000000e+00	0.000000e+00	64	0
##	[23036,]	0.000000e+00	0.000000e+00	0	0
##	[23037,]	0.000000e+00	0.000000e+00	0	0
##	[23038,]	0.000000e+00	0.000000e+00	0	0
##	[23039,]	0.000000e+00	0.000000e+00	0	0
##	[23040,]	0.000000e+00	0.000000e+00	7056	0
##	[23041,]	0.000000e+00	0.000000e+00	25	0
##	[23042,]	0.000000e+00	0.000000e+00	1	0
##	[23043,]	0.000000e+00	0.000000e+00	16	0
##	[23044,]	0.000000e+00	0.000000e+00	0	0
##	[23045,]	0.000000e+00	0.000000e+00	0	0
##	[23046,]	1.600000e+01	0.000000e+00	0	0
##	[23047,]	0.000000e+00	2.500000e+01	0	0
##	[23048,]	9.610000e+02	6.502500e+04	308025	0
##	[23049,]	4.410000e+02	1.000000e+00	2304	0
##	[23050,]	0.000000e+00	0.000000e+00	0	0

##	[23051,]	0.000000e+00	0.000000e+00	0	0
##	[23052,]	0.000000e+00	0.000000e+00	0	0
##	[23053,]	3.600000e+01	1.690000e+02	0	0
##	[23054,]	0.000000e+00	0.000000e+00	0	0
##	[23055,]	0.000000e+00	0.000000e+00	0	0
##	[23056,]	0.000000e+00	0.000000e+00	0	0
##	[23057,]	0.000000e+00	0.000000e+00	0	0
##	[23058,]	0.000000e+00	0.000000e+00	0	0
##	[23059,]	8.100000e+01	3.610000e+02	0	0
##	[23060,]	4.000000e+00	0.000000e+00	0	0
##	[23061,]	0.000000e+00	0.000000e+00	0	0
##	[23062,]	0.000000e+00	0.000000e+00	0	0
##	[23063,]	0.000000e+00	0.000000e+00	0	0
##	[23064,]	6.400000e+01	1.681000e+03	0	0
##	[23065,]	0.000000e+00	0.000000e+00	0	0
##	[23066,]	3.610000e+02	1.000000e+00	0	0
##	[23067,]	9.000000e+00	0.000000e+00	0	0
##	[23068,]	4.410000e+02	2.102500e+04	100	0
##	[23069,]	0.000000e+00	9.000000e+00	0	0
##	[23070,]	0.000000e+00	1.000000e+00	0	0
##	[23071,]	0.000000e+00	0.000000e+00	0	0
##	[23072,]	1.000000e+00	0.000000e+00	0	0
##	[23073,]	0.000000e+00	5.760000e+02	49	0
##	[23074,]	0.000000e+00	0.000000e+00	0	0
##	[23075,]	1.210000e+02	0.000000e+00	0	0
##	[23076,]	0.000000e+00	0.000000e+00	0	0
##	[23077,]	0.000000e+00	0.000000e+00	961	0
##	[23078,]	0.000000e+00	0.000000e+00	0	0
##	[23079,]	0.000000e+00	0.000000e+00	0	0
##	[23080,]	0.000000e+00	2.890000e+02	35721	0
##	[23081,]	0.000000e+00	0.000000e+00	0	0
##	[23082,]	0.000000e+00	0.000000e+00	196	0
##	[23083,]	0.000000e+00	1.000000e+00	0	0
##	[23084,]	0.000000e+00	0.000000e+00	0	0
##	[23085,]	1.000000e+00	4.000000e+02	70225	0
##	[23086,]	0.000000e+00	0.000000e+00	9	0
##	[23087,]	0.000000e+00	0.000000e+00	0	0
##	[23088,]	0.000000e+00	0.000000e+00	0	0
##	[23089,]	0.000000e+00	0.000000e+00	0	0
##	[23090,]	1.000000e+00	6.400000e+01	7056	0
##	[23091,]	0.000000e+00	0.000000e+00	0	0
##	[23092,]	0.000000e+00	0.000000e+00	16	0
##	[23093,]	0.000000e+00	0.000000e+00	0	0
##	[23094,]	0.000000e+00	0.000000e+00	0	0
##	[23095,]	0.000000e+00	0.000000e+00	0	0
##	[23096,]	0.000000e+00	0.000000e+00	1	0
##	[23097,]	0.000000e+00	0.000000e+00	0	0
##	[23098,]	0.000000e+00	0.000000e+00	324	0
##	[23099,]	0.000000e+00	0.000000e+00	0	0
##	[23100,]	0.000000e+00	0.000000e+00	1	0
##	[23101,]	2.250000e+02	1.960000e+02	11881	0
##	[23102,]	0.000000e+00	0.000000e+00	0	0
##	[23103,]	9.610000e+02	9.985600e+04	1102500	0
##	[23104,]	0.000000e+00	0.000000e+00	0	0

##	[23105,]	0.000000e+00	1.600000e+01	0	0
##	[23106,]	0.000000e+00	0.000000e+00	0	0
##	[23107,]	0.000000e+00	0.000000e+00	0	0
##	[23108,]	0.000000e+00	0.000000e+00	0	0
##	[23109,]	0.000000e+00	1.000000e+00	0	0
##	[23110,]	2.890000e+02	5.290000e+02	0	0
##	[23111,]	0.000000e+00	1.000000e+00	0	0
##	[23112,]	0.000000e+00	0.000000e+00	0	0
##	[23113,]	0.000000e+00	0.000000e+00	0	0
##	[23114,]	0.000000e+00	0.000000e+00	0	0
##	[23115,]	4.000000e+00	4.000000e+02	0	0
##	[23116,]	0.000000e+00	0.000000e+00	0	0
##	[23117,]	0.000000e+00	0.000000e+00	0	0
##	[23118,]	2.500000e+01	2.500000e+03	0	0
##	[23119,]	4.000000e+00	1.000000e+00	0	0
##	[23120,]	0.000000e+00	1.000000e+00	0	0
##	[23121,]	1.690000e+02	8.100000e+01	4	0
##	[23122,]	0.000000e+00	0.000000e+00	0	0
##	[23123,]	0.000000e+00	0.000000e+00	0	0
##	[23124,]	4.000000e+02	3.459600e+04	256	0
##	[23125,]	0.000000e+00	4.000000e+00	0	0
##	[23126,]	0.000000e+00	0.000000e+00	0	0
##	[23127,]	0.000000e+00	0.000000e+00	0	0
##	[23128,]	0.000000e+00	0.000000e+00	0	0
##	[23129,]	0.000000e+00	9.000000e+00	9	0
##	[23130,]	1.600000e+01	1.296000e+03	961	0
##	[23131,]	2.500000e+01	0.000000e+00	0	0
##	[23132,]	0.000000e+00	0.000000e+00	0	0
##	[23133,]	0.000000e+00	0.000000e+00	0	0
##	[23134,]	0.000000e+00	1.000000e+00	2025	0
##	[23135,]	0.000000e+00	4.410000e+02	135424	0
##	[23136,]	0.000000e+00	0.000000e+00	0	0
##	[23137,]	0.000000e+00	0.000000e+00	0	0
##	[23138,]	4.000000e+00	2.250000e+02	215296	0
##	[23139,]	0.000000e+00	0.000000e+00	0	0
##	[23140,]	0.000000e+00	0.000000e+00	3025	0
##	[23141,]	0.000000e+00	0.000000e+00	0	0
##	[23142,]	0.000000e+00	0.000000e+00	0	0
##	[23143,]	0.000000e+00	6.400000e+01	29241	0
##	[23144,]	0.000000e+00	0.000000e+00	0	0
##	[23145,]	0.000000e+00	1.000000e+00	0	0
##	[23146,]	0.000000e+00	0.000000e+00	16	0
##	[23147,]	0.000000e+00	0.000000e+00	0	0
##	[23148,]	0.000000e+00	0.000000e+00	0	0
##	[23149,]	0.000000e+00	0.000000e+00	0	0
##	[23150,]	0.000000e+00	0.000000e+00	9	0
##	[23151,]	0.000000e+00	0.000000e+00	0	0
##	[23152,]	0.000000e+00	0.000000e+00	0	0
##	[23153,]	0.000000e+00	0.000000e+00	16	0
##	[23154,]	0.000000e+00	0.000000e+00	1	0
##	[23155,]	0.000000e+00	0.000000e+00	5184	0
##	[23156,]	0.000000e+00	0.000000e+00	1	0
##	[23157,]	0.000000e+00	2.500000e+01	0	0
##	[23158,]	4.000000e+00	0.000000e+00	0	0

##	[23159,]	1.690000e+02	1.210000e+02	20164	0
##	[23160,]	1.024000e+03	1.497690e+05	2900209	0
##	[23161,]	0.000000e+00	0.000000e+00	0	0
##	[23162,]	1.600000e+01	2.890000e+02	0	0
##	[23163,]	0.000000e+00	0.000000e+00	0	0
##	[23164,]	0.000000e+00	0.000000e+00	0	0
##	[23165,]	0.000000e+00	0.000000e+00	0	0
##	[23166,]	0.000000e+00	0.000000e+00	0	0
##	[23167,]	0.000000e+00	0.000000e+00	0	0
##	[23168,]	0.000000e+00	0.000000e+00	0	0
##	[23169,]	1.000000e+00	6.250000e+02	0	0
##	[23170,]	0.000000e+00	0.000000e+00	0	0
##	[23171,]	0.000000e+00	0.000000e+00	0	0
##	[23172,]	0.000000e+00	0.000000e+00	0	0
##	[23173,]	0.000000e+00	0.000000e+00	0	0
##	[23174,]	4.000000e+00	1.000000e+00	0	0
##	[23175,]	4.900000e+01	5.625000e+03	1	0
##	[23176,]	0.000000e+00	0.000000e+00	0	0
##	[23177,]	1.210000e+02	3.600000e+01	1	0
##	[23178,]	0.000000e+00	0.000000e+00	0	0
##	[23179,]	3.610000e+02	5.290000e+04	576	0
##	[23180,]	0.000000e+00	0.000000e+00	0	0
##	[23181,]	0.000000e+00	1.600000e+01	0	0
##	[23182,]	0.000000e+00	0.000000e+00	0	0
##	[23183,]	0.000000e+00	0.000000e+00	0	0
##	[23184,]	1.600000e+01	7.290000e+02	1369	0
##	[23185,]	0.000000e+00	0.000000e+00	0	0
##	[23186,]	0.000000e+00	4.000000e+00	1	0
##	[23187,]	1.000000e+00	0.000000e+00	0	0
##	[23188,]	0.000000e+00	1.000000e+00	5041	0
##	[23189,]	4.000000e+00	0.000000e+00	0	0
##	[23190,]	1.000000e+00	1.156000e+03	408321	0
##	[23191,]	0.000000e+00	0.000000e+00	0	0
##	[23192,]	0.000000e+00	1.000000e+00	0	0
##	[23193,]	0.000000e+00	0.000000e+00	0	0
##	[23194,]	0.000000e+00	1.000000e+00	3721	0
##	[23195,]	0.000000e+00	0.000000e+00	0	0
##	[23196,]	0.000000e+00	0.000000e+00	0	0
##	[23197,]	1.000000e+00	1.000000e+02	555025	0
##	[23198,]	0.000000e+00	1.210000e+02	66049	0
##	[23199,]	0.000000e+00	0.000000e+00	0	0
##	[23200,]	0.000000e+00	0.000000e+00	64	0
##	[23201,]	0.000000e+00	0.000000e+00	0	0
##	[23202,]	0.000000e+00	0.000000e+00	0	0
##	[23203,]	0.000000e+00	0.000000e+00	0	0
##	[23204,]	0.000000e+00	0.000000e+00	0	0
##	[23205,]	0.000000e+00	0.000000e+00	0	0
##	[23206,]	0.000000e+00	0.000000e+00	64	0
##	[23207,]	0.000000e+00	0.000000e+00	0	0
##	[23208,]	0.000000e+00	0.000000e+00	4	0
##	[23209,]	0.000000e+00	0.000000e+00	0	0
##	[23210,]	0.000000e+00	0.000000e+00	1936	0
##	[23211,]	0.000000e+00	0.000000e+00	1	0
##	[23212,]	0.000000e+00	0.000000e+00	4	0

##	[23213,]	0.000000e+00	3.600000e+01	169	0
##	[23214,]	3.364000e+03	1.713960e+05	5731236	0
##	[23215,]	0.000000e+00	0.000000e+00	0	0
##	[23216,]	0.000000e+00	2.500000e+01	0	0
##	[23217,]	0.000000e+00	0.000000e+00	0	0
##	[23218,]	0.000000e+00	0.000000e+00	0	0
##	[23219,]	0.000000e+00	0.000000e+00	0	0
##	[23220,]	0.000000e+00	0.000000e+00	0	0
##	[23221,]	0.000000e+00	0.000000e+00	0	0
##	[23222,]	1.600000e+01	2.250000e+02	0	0
##	[23223,]	1.600000e+01	7.840000e+02	0	0
##	[23224,]	0.000000e+00	0.000000e+00	0	0
##	[23225,]	0.000000e+00	0.000000e+00	0	0
##	[23226,]	0.000000e+00	0.000000e+00	0	0
##	[23227,]	0.000000e+00	0.000000e+00	0	0
##	[23228,]	0.000000e+00	0.000000e+00	0	0
##	[23229,]	0.000000e+00	0.000000e+00	0	0
##	[23230,]	2.890000e+02	4.624000e+03	0	0
##	[23231,]	0.000000e+00	0.000000e+00	0	0
##	[23232,]	0.000000e+00	0.000000e+00	0	0
##	[23233,]	0.000000e+00	9.000000e+00	0	0
##	[23234,]	1.296000e+03	5.475600e+04	841	0
##	[23235,]	0.000000e+00	0.000000e+00	0	0
##	[23236,]	0.000000e+00	2.500000e+01	0	0
##	[23237,]	0.000000e+00	0.000000e+00	0	0
##	[23238,]	0.000000e+00	0.000000e+00	0	0
##	[23239,]	1.000000e+00	2.304000e+03	2916	0
##	[23240,]	0.000000e+00	0.000000e+00	0	0
##	[23241,]	0.000000e+00	4.000000e+00	1	0
##	[23242,]	0.000000e+00	0.000000e+00	0	0
##	[23243,]	1.600000e+01	0.000000e+00	0	0
##	[23244,]	9.000000e+00	1.089000e+03	712336	0
##	[23245,]	0.000000e+00	0.000000e+00	0	0
##	[23246,]	0.000000e+00	0.000000e+00	0	0
##	[23247,]	0.000000e+00	0.000000e+00	64	0
##	[23248,]	0.000000e+00	0.000000e+00	0	0
##	[23249,]	0.000000e+00	0.000000e+00	0	0
##	[23250,]	1.000000e+00	2.890000e+02	1172889	0
##	[23251,]	0.000000e+00	0.000000e+00	0	0
##	[23252,]	0.000000e+00	0.000000e+00	0	0
##	[23253,]	0.000000e+00	1.000000e+00	16	0
##	[23254,]	0.000000e+00	1.960000e+02	147456	0
##	[23255,]	0.000000e+00	0.000000e+00	0	0
##	[23256,]	0.000000e+00	0.000000e+00	0	0
##	[23257,]	0.000000e+00	0.000000e+00	0	0
##	[23258,]	0.000000e+00	0.000000e+00	0	0
##	[23259,]	0.000000e+00	0.000000e+00	0	0
##	[23260,]	0.000000e+00	0.000000e+00	0	0
##	[23261,]	0.000000e+00	0.000000e+00	0	0
##	[23262,]	0.000000e+00	0.000000e+00	0	0
##	[23263,]	0.000000e+00	0.000000e+00	256	0
##	[23264,]	0.000000e+00	0.000000e+00	1	0
##	[23265,]	0.000000e+00	0.000000e+00	0	0
##	[23266,]	0.000000e+00	0.000000e+00	0	0

##	[23267,]	0.000000e+00	0.000000e+00	0	0
##	[23268,]	0.000000e+00	0.000000e+00	2025	0
##	[23269,]	0.000000e+00	2.500000e+01	0	0
##	[23270,]	0.000000e+00	0.000000e+00	0	0
##	[23271,]	0.000000e+00	0.000000e+00	0	0
##	[23272,]	0.000000e+00	9.000000e+00	784	0
##	[23273,]	2.500000e+03	2.601000e+05	5262436	0
##	[23274,]	0.000000e+00	0.000000e+00	0	0
##	[23275,]	0.000000e+00	0.000000e+00	0	0
##	[23276,]	0.000000e+00	0.000000e+00	0	0
##	[23277,]	0.000000e+00	0.000000e+00	0	0
##	[23278,]	6.400000e+01	8.100000e+01	0	0
##	[23279,]	0.000000e+00	0.000000e+00	0	0
##	[23280,]	0.000000e+00	0.000000e+00	0	0
##	[23281,]	0.000000e+00	0.000000e+00	0	0
##	[23282,]	1.000000e+00	9.000000e+02	0	0
##	[23283,]	0.000000e+00	0.000000e+00	0	0
##	[23284,]	0.000000e+00	0.000000e+00	0	0
##	[23285,]	0.000000e+00	0.000000e+00	0	0
##	[23286,]	4.900000e+01	6.084000e+03	4	0
##	[23287,]	0.000000e+00	0.000000e+00	0	0
##	[23288,]	0.000000e+00	0.000000e+00	0	0
##	[23289,]	0.000000e+00	0.000000e+00	0	0
##	[23290,]	0.000000e+00	1.000000e+00	16	0
##	[23291,]	0.000000e+00	2.500000e+01	0	0
##	[23292,]	0.000000e+00	0.000000e+00	0	0
##	[23293,]	1.521000e+03	9.000000e+04	1024	0
##	[23294,]	0.000000e+00	2.601000e+03	2500	0
##	[23295,]	0.000000e+00	0.000000e+00	4	0
##	[23296,]	0.000000e+00	0.000000e+00	0	0
##	[23297,]	0.000000e+00	0.000000e+00	0	0
##	[23298,]	0.000000e+00	0.000000e+00	0	0
##	[23299,]	6.400000e+01	0.000000e+00	0	0
##	[23300,]	4.000000e+00	1.225000e+03	783225	0
##	[23301,]	0.000000e+00	0.000000e+00	0	0
##	[23302,]	0.000000e+00	1.000000e+00	289	0
##	[23303,]	0.000000e+00	0.000000e+00	0	0
##	[23304,]	0.000000e+00	0.000000e+00	0	0
##	[23305,]	0.000000e+00	0.000000e+00	0	0
##	[23306,]	0.000000e+00	0.000000e+00	0	0
##	[23307,]	0.000000e+00	1.156000e+03	915849	0
##	[23308,]	0.000000e+00	1.000000e+00	25	0
##	[23309,]	0.000000e+00	0.000000e+00	0	0
##	[23310,]	0.000000e+00	0.000000e+00	0	0
##	[23311,]	0.000000e+00	0.000000e+00	0	0
##	[23312,]	0.000000e+00	0.000000e+00	0	0
##	[23313,]	4.000000e+00	1.440000e+02	135424	0
##	[23314,]	0.000000e+00	0.000000e+00	0	0
##	[23315,]	0.000000e+00	0.000000e+00	0	0
##	[23316,]	0.000000e+00	0.000000e+00	9	0
##	[23317,]	0.000000e+00	0.000000e+00	0	0
##	[23318,]	0.000000e+00	0.000000e+00	0	0
##	[23319,]	0.000000e+00	0.000000e+00	0	0
##	[23320,]	0.000000e+00	0.000000e+00	0	0

##	[23321,]	0.000000e+00	0.000000e+00	0	0
##	[23322,]	0.000000e+00	0.000000e+00	1	0
##	[23323,]	0.000000e+00	0.000000e+00	4	0
##	[23324,]	0.000000e+00	0.000000e+00	3136	0
##	[23325,]	0.000000e+00	0.000000e+00	0	0
##	[23326,]	2.500000e+03	1.361610e+05	1666681	0
##	[23327,]	8.100000e+01	0.000000e+00	0	0
##	[23328,]	0.000000e+00	2.500000e+01	0	0
##	[23329,]	1.000000e+00	3.600000e+01	49	0
##	[23330,]	0.000000e+00	0.000000e+00	0	0
##	[23331,]	0.000000e+00	0.000000e+00	0	0
##	[23332,]	0.000000e+00	0.000000e+00	0	0
##	[23333,]	0.000000e+00	0.000000e+00	0	0
##	[23334,]	4.000000e+00	6.400000e+01	0	0
##	[23335,]	4.000000e+00	1.960000e+02	0	0
##	[23336,]	0.000000e+00	0.000000e+00	0	0
##	[23337,]	0.000000e+00	0.000000e+00	0	0
##	[23338,]	0.000000e+00	0.000000e+00	0	0
##	[23339,]	0.000000e+00	0.000000e+00	0	0
##	[23340,]	0.000000e+00	0.000000e+00	0	0
##	[23341,]	0.000000e+00	0.000000e+00	0	0
##	[23342,]	2.500000e+01	5.625000e+03	1	0
##	[23343,]	0.000000e+00	1.000000e+00	0	0
##	[23344,]	0.000000e+00	0.000000e+00	0	0
##	[23345,]	1.000000e+00	9.000000e+00	0	0
##	[23346,]	0.000000e+00	9.000000e+00	0	0
##	[23347,]	1.681000e+03	4.040100e+04	441	0
##	[23348,]	0.000000e+00	0.000000e+00	0	0
##	[23349,]	4.900000e+01	0.000000e+00	0	0
##	[23350,]	0.000000e+00	1.000000e+00	0	0
##	[23351,]	0.000000e+00	1.000000e+00	0	0
##	[23352,]	1.000000e+00	0.000000e+00	0	0
##	[23353,]	0.000000e+00	0.000000e+00	0	0
##	[23354,]	4.000000e+00	1.681000e+03	1936	0
##	[23355,]	4.000000e+00	0.000000e+00	0	0
##	[23356,]	1.000000e+00	0.000000e+00	0	0
##	[23357,]	1.000000e+00	4.840000e+02	183184	0
##	[23358,]	0.000000e+00	0.000000e+00	0	0
##	[23359,]	0.000000e+00	0.000000e+00	0	0
##	[23360,]	0.000000e+00	0.000000e+00	36	0
##	[23361,]	0.000000e+00	0.000000e+00	0	0
##	[23362,]	0.000000e+00	0.000000e+00	0	0
##	[23363,]	0.000000e+00	4.410000e+02	286225	0
##	[23364,]	0.000000e+00	0.000000e+00	0	0
##	[23365,]	0.000000e+00	1.000000e+00	1	0
##	[23366,]	1.000000e+00	8.100000e+01	68644	0
##	[23367,]	0.000000e+00	0.000000e+00	0	0
##	[23368,]	0.000000e+00	0.000000e+00	0	0
##	[23369,]	0.000000e+00	0.000000e+00	0	0
##	[23370,]	0.000000e+00	1.000000e+00	0	0
##	[23371,]	0.000000e+00	0.000000e+00	0	0
##	[23372,]	0.000000e+00	0.000000e+00	36	0
##	[23373,]	0.000000e+00	0.000000e+00	0	0
##	[23374,]	0.000000e+00	0.000000e+00	0	0

##	[23375,]	0.000000e+00	0.000000e+00	0	0
##	[23376,]	0.000000e+00	0.000000e+00	0	0
##	[23377,]	0.000000e+00	0.000000e+00	0	0
##	[23378,]	0.000000e+00	0.000000e+00	0	0
##	[23379,]	0.000000e+00	0.000000e+00	3136	0
##	[23380,]	0.000000e+00	0.000000e+00	0	0
##	[23381,]	0.000000e+00	0.000000e+00	0	0
##	[23382,]	0.000000e+00	2.500000e+01	0	0
##	[23383,]	8.100000e+01	0.000000e+00	0	0
##	[23384,]	1.000000e+00	3.600000e+01	49	0
##	[23385,]	2.500000e+03	1.361610e+05	1666681	0
##	[23386,]	0.000000e+00	0.000000e+00	0	0
##	[23387,]	4.000000e+00	6.400000e+01	0	0
##	[23388,]	0.000000e+00	0.000000e+00	0	0
##	[23389,]	0.000000e+00	0.000000e+00	0	0
##	[23390,]	0.000000e+00	0.000000e+00	0	0
##	[23391,]	0.000000e+00	0.000000e+00	0	0
##	[23392,]	4.000000e+00	1.960000e+02	0	0
##	[23393,]	0.000000e+00	0.000000e+00	0	0
##	[23394,]	0.000000e+00	0.000000e+00	0	0
##	[23395,]	0.000000e+00	0.000000e+00	0	0
##	[23396,]	0.000000e+00	0.000000e+00	0	0
##	[23397,]	0.000000e+00	1.000000e+00	0	0
##	[23398,]	0.000000e+00	0.000000e+00	0	0
##	[23399,]	2.500000e+01	5.625000e+03	1	0
##	[23400,]	0.000000e+00	0.000000e+00	0	0
##	[23401,]	0.000000e+00	0.000000e+00	0	0
##	[23402,]	4.900000e+01	0.000000e+00	0	0
##	[23403,]	0.000000e+00	9.000000e+00	0	0
##	[23404,]	1.681000e+03	4.040100e+04	441	0
##	[23405,]	1.000000e+00	9.000000e+00	0	0
##	[23406,]	0.000000e+00	0.000000e+00	0	0
##	[23407,]	1.000000e+00	0.000000e+00	0	0
##	[23408,]	0.000000e+00	1.000000e+00	0	0
##	[23409,]	4.000000e+00	1.681000e+03	1936	0
##	[23410,]	0.000000e+00	1.000000e+00	0	0
##	[23411,]	4.000000e+00	0.000000e+00	0	0
##	[23412,]	0.000000e+00	0.000000e+00	0	0
##	[23413,]	1.000000e+00	0.000000e+00	0	0
##	[23414,]	1.000000e+00	4.840000e+02	183184	0
##	[23415,]	0.000000e+00	0.000000e+00	0	0
##	[23416,]	0.000000e+00	0.000000e+00	36	0
##	[23417,]	0.000000e+00	0.000000e+00	0	0
##	[23418,]	0.000000e+00	4.410000e+02	286225	0
##	[23419,]	0.000000e+00	0.000000e+00	0	0
##	[23420,]	0.000000e+00	0.000000e+00	0	0
##	[23421,]	0.000000e+00	1.000000e+00	1	0
##	[23422,]	0.000000e+00	0.000000e+00	0	0
##	[23423,]	0.000000e+00	0.000000e+00	0	0
##	[23424,]	1.000000e+00	8.100000e+01	68644	0
##	[23425,]	0.000000e+00	1.000000e+00	0	0
##	[23426,]	0.000000e+00	0.000000e+00	0	0
##	[23427,]	0.000000e+00	0.000000e+00	0	0
##	[23428,]	0.000000e+00	0.000000e+00	0	0

##	[23429,]	0.000000e+00	0.000000e+00	0	0
##	[23430,]	0.000000e+00	0.000000e+00	36	0
##	[23431,]	0.000000e+00	0.000000e+00	0	0
##	[23432,]	0.000000e+00	0.000000e+00	0	0
##	[23433,]	0.000000e+00	0.000000e+00	0	0
##	[23434,]	0.000000e+00	0.000000e+00	0	0
##	[23435,]	0.000000e+00	0.000000e+00	3136	0
##	[23436,]	0.000000e+00	0.000000e+00	0	0
##	[23437,]	0.000000e+00	0.000000e+00	0	0
##	[23438,]	0.000000e+00	1.600000e+01	0	0
##	[23439,]	0.000000e+00	0.000000e+00	0	0
##	[23440,]	0.000000e+00	9.000000e+00	0	0
##	[23441,]	1.849000e+03	5.664400e+04	160801	0
##	[23442,]	0.000000e+00	0.000000e+00	0	0
##	[23443,]	0.000000e+00	0.000000e+00	0	0
##	[23444,]	0.000000e+00	0.000000e+00	0	0
##	[23445,]	0.000000e+00	0.000000e+00	0	0
##	[23446,]	3.600000e+01	4.000000e+00	0	0
##	[23447,]	0.000000e+00	0.000000e+00	0	0
##	[23448,]	4.000000e+00	1.440000e+02	0	0
##	[23449,]	0.000000e+00	0.000000e+00	0	0
##	[23450,]	0.000000e+00	0.000000e+00	0	0
##	[23451,]	0.000000e+00	0.000000e+00	0	0
##	[23452,]	0.000000e+00	0.000000e+00	0	0
##	[23453,]	0.000000e+00	0.000000e+00	0	0
##	[23454,]	0.000000e+00	0.000000e+00	0	0
##	[23455,]	0.000000e+00	9.000000e+00	0	0
##	[23456,]	6.400000e+01	1.156000e+03	0	0
##	[23457,]	0.000000e+00	0.000000e+00	0	0
##	[23458,]	8.410000e+02	1.849600e+04	64	0
##	[23459,]	0.000000e+00	4.000000e+00	0	0
##	[23460,]	0.000000e+00	0.000000e+00	0	0
##	[23461,]	0.000000e+00	0.000000e+00	0	0
##	[23462,]	0.000000e+00	4.000000e+00	0	0
##	[23463,]	4.000000e+00	8.410000e+02	121	0
##	[23464,]	0.000000e+00	0.000000e+00	0	0
##	[23465,]	0.000000e+00	0.000000e+00	0	0
##	[23466,]	0.000000e+00	0.000000e+00	0	0
##	[23467,]	4.000000e+00	0.000000e+00	0	0
##	[23468,]	0.000000e+00	0.000000e+00	0	0
##	[23469,]	4.000000e+00	4.000000e+02	22500	0
##	[23470,]	0.000000e+00	0.000000e+00	0	0
##	[23471,]	0.000000e+00	0.000000e+00	0	0
##	[23472,]	0.000000e+00	0.000000e+00	0	0
##	[23473,]	0.000000e+00	0.000000e+00	0	0
##	[23474,]	0.000000e+00	0.000000e+00	0	0
##	[23475,]	0.000000e+00	0.000000e+00	0	0
##	[23476,]	4.000000e+00	2.250000e+02	30976	0
##	[23477,]	0.000000e+00	0.000000e+00	0	0
##	[23478,]	0.000000e+00	0.000000e+00	0	0
##	[23479,]	0.000000e+00	0.000000e+00	0	0
##	[23480,]	0.000000e+00	0.000000e+00	0	0
##	[23481,]	0.000000e+00	0.000000e+00	0	0
##	[23482,]	0.000000e+00	1.600000e+01	3136	0

##	[23483,]	0.000000e+00	0.000000e+00	0	0
##	[23484,]	0.000000e+00	0.000000e+00	0	0
##	[23485,]	0.000000e+00	0.000000e+00	0	0
##	[23486,]	0.000000e+00	0.000000e+00	0	0
##	[23487,]	0.000000e+00	0.000000e+00	0	0
##	[23488,]	0.000000e+00	0.000000e+00	0	0
##	[23489,]	0.000000e+00	0.000000e+00	289	0
##	[23490,]	0.000000e+00	0.000000e+00	0	0
##	[23491,]	0.000000e+00	0.000000e+00	0	0
##	[23492,]	0.000000e+00	0.000000e+00	1	0
##	[23493,]	0.000000e+00	0.000000e+00	0	0
##	[23494,]	0.000000e+00	9.000000e+00	0	0
##	[23495,]	0.000000e+00	0.000000e+00	0	0
##	[23496,]	9.610000e+02	5.428900e+04	197136	0
##	[23497,]	3.600000e+01	0.000000e+00	0	0
##	[23498,]	0.000000e+00	0.000000e+00	0	0
##	[23499,]	0.000000e+00	0.000000e+00	0	0
##	[23500,]	2.500000e+01	6.400000e+01	0	0
##	[23501,]	0.000000e+00	0.000000e+00	0	0
##	[23502,]	0.000000e+00	0.000000e+00	0	0
##	[23503,]	0.000000e+00	0.000000e+00	0	0
##	[23504,]	0.000000e+00	0.000000e+00	0	0
##	[23505,]	0.000000e+00	0.000000e+00	0	0
##	[23506,]	9.000000e+00	6.400000e+01	0	0
##	[23507,]	0.000000e+00	0.000000e+00	0	0
##	[23508,]	0.000000e+00	1.000000e+00	0	0
##	[23509,]	2.500000e+01	3.481000e+03	1	0
##	[23510,]	4.000000e+00	0.000000e+00	0	0
##	[23511,]	0.000000e+00	0.000000e+00	0	0
##	[23512,]	0.000000e+00	0.000000e+00	0	0
##	[23513,]	0.000000e+00	0.000000e+00	0	0
##	[23514,]	0.000000e+00	0.000000e+00	0	0
##	[23515,]	3.240000e+02	1.742400e+04	64	0
##	[23516,]	1.600000e+01	0.000000e+00	0	0
##	[23517,]	0.000000e+00	1.000000e+00	0	0
##	[23518,]	0.000000e+00	0.000000e+00	0	0
##	[23519,]	0.000000e+00	0.000000e+00	0	0
##	[23520,]	0.000000e+00	0.000000e+00	0	0
##	[23521,]	0.000000e+00	0.000000e+00	0	0
##	[23522,]	9.000000e+00	5.290000e+02	256	0
##	[23523,]	9.000000e+00	0.000000e+00	0	0
##	[23524,]	0.000000e+00	0.000000e+00	0	0
##	[23525,]	9.000000e+00	8.100000e+01	27225	0
##	[23526,]	0.000000e+00	0.000000e+00	0	0
##	[23527,]	0.000000e+00	0.000000e+00	0	0
##	[23528,]	0.000000e+00	1.000000e+00	0	0
##	[23529,]	4.000000e+00	9.000000e+00	23104	0
##	[23530,]	0.000000e+00	0.000000e+00	0	0
##	[23531,]	0.000000e+00	0.000000e+00	0	0
##	[23532,]	0.000000e+00	0.000000e+00	0	0
##	[23533,]	0.000000e+00	0.000000e+00	0	0
##	[23534,]	0.000000e+00	4.900000e+01	10404	0
##	[23535,]	0.000000e+00	0.000000e+00	0	0
##	[23536,]	0.000000e+00	0.000000e+00	0	0

##	[23537,]	0.000000e+00	0.000000e+00	0	0
##	[23538,]	0.000000e+00	0.000000e+00	0	0
##	[23539,]	0.000000e+00	0.000000e+00	4	0
##	[23540,]	0.000000e+00	0.000000e+00	0	0
##	[23541,]	0.000000e+00	0.000000e+00	0	0
##	[23542,]	0.000000e+00	0.000000e+00	0	0
##	[23543,]	0.000000e+00	0.000000e+00	0	0
##	[23544,]	0.000000e+00	0.000000e+00	0	0
##	[23545,]	0.000000e+00	0.000000e+00	0	0
##	[23546,]	0.000000e+00	0.000000e+00	1849	0
##	[23547,]	0.000000e+00	0.000000e+00	0	0
##	[23548,]	0.000000e+00	0.000000e+00	0	0
##	[23549,]	0.000000e+00	0.000000e+00	0	0
##	[23550,]	0.000000e+00	0.000000e+00	0	0
##	[23551,]	9.000000e+00	1.000000e+00	0	0
##	[23552,]	6.760000e+02	3.572100e+04	32400	0
##	[23553,]	3.600000e+01	0.000000e+00	0	0
##	[23554,]	0.000000e+00	0.000000e+00	0	0
##	[23555,]	0.000000e+00	0.000000e+00	0	0
##	[23556,]	0.000000e+00	0.000000e+00	0	0
##	[23557,]	1.600000e+01	9.000000e+00	0	0
##	[23558,]	0.000000e+00	0.000000e+00	0	0
##	[23559,]	0.000000e+00	0.000000e+00	0	0
##	[23560,]	0.000000e+00	0.000000e+00	64	0
##	[23561,]	0.000000e+00	0.000000e+00	0	0
##	[23562,]	0.000000e+00	0.000000e+00	0	0
##	[23563,]	0.000000e+00	0.000000e+00	0	0
##	[23564,]	1.000000e+00	0.000000e+00	0	0
##	[23565,]	0.000000e+00	0.000000e+00	0	0
##	[23566,]	0.000000e+00	0.000000e+00	0	0
##	[23567,]	2.500000e+01	1.521000e+03	1	0
##	[23568,]	0.000000e+00	0.000000e+00	0	0
##	[23569,]	4.000000e+00	1.000000e+00	0	0
##	[23570,]	0.000000e+00	0.000000e+00	0	0
##	[23571,]	4.000000e+02	1.368900e+04	16	0
##	[23572,]	3.600000e+01	0.000000e+00	0	0
##	[23573,]	0.000000e+00	0.000000e+00	0	0
##	[23574,]	0.000000e+00	0.000000e+00	0	0
##	[23575,]	0.000000e+00	4.000000e+02	16	0
##	[23576,]	0.000000e+00	0.000000e+00	0	0
##	[23577,]	0.000000e+00	0.000000e+00	0	0
##	[23578,]	0.000000e+00	0.000000e+00	0	0
##	[23579,]	1.000000e+00	0.000000e+00	0	0
##	[23580,]	0.000000e+00	0.000000e+00	0	0
##	[23581,]	1.000000e+00	3.600000e+01	4624	0
##	[23582,]	0.000000e+00	0.000000e+00	0	0
##	[23583,]	0.000000e+00	0.000000e+00	0	0
##	[23584,]	0.000000e+00	0.000000e+00	0	0
##	[23585,]	0.000000e+00	0.000000e+00	0	0
##	[23586,]	0.000000e+00	2.500000e+01	5041	0
##	[23587,]	0.000000e+00	0.000000e+00	0	0
##	[23588,]	0.000000e+00	0.000000e+00	0	0
##	[23589,]	0.000000e+00	0.000000e+00	0	0
##	[23590,]	0.000000e+00	0.000000e+00	0	0

##	[23591,]	0.000000e+00	0.000000e+00	0	0
##	[23592,]	0.000000e+00	0.000000e+00	0	0
##	[23593,]	0.000000e+00	0.000000e+00	0	0
##	[23594,]	0.000000e+00	4.000000e+00	1024	0
##	[23595,]	0.000000e+00	0.000000e+00	0	0
##	[23596,]	0.000000e+00	0.000000e+00	0	0
##	[23597,]	0.000000e+00	0.000000e+00	0	0
##	[23598,]	0.000000e+00	0.000000e+00	0	0
##	[23599,]	0.000000e+00	0.000000e+00	0	0
##	[23600,]	0.000000e+00	0.000000e+00	16	0
##	[23601,]	0.000000e+00	0.000000e+00	0	0
##	[23602,]	0.000000e+00	0.000000e+00	0	0
##	[23603,]	0.000000e+00	0.000000e+00	0	0
##	[23604,]	0.000000e+00	0.000000e+00	0	0
##	[23605,]	0.000000e+00	0.000000e+00	0	0
##	[23606,]	5.290000e+02	2.160900e+04	60516	0
##	[23607,]	0.000000e+00	0.000000e+00	0	0
##	[23608,]	1.000000e+00	0.000000e+00	0	0
##	[23609,]	4.000000e+00	0.000000e+00	0	0
##	[23610,]	0.000000e+00	0.000000e+00	0	0
##	[23611,]	0.000000e+00	0.000000e+00	0	0
##	[23612,]	0.000000e+00	0.000000e+00	0	0
##	[23613,]	4.000000e+00	0.000000e+00	0	0
##	[23614,]	0.000000e+00	0.000000e+00	0	0
##	[23615,]	0.000000e+00	0.000000e+00	0	0
##	[23616,]	0.000000e+00	1.440000e+02	0	0
##	[23617,]	0.000000e+00	0.000000e+00	0	0
##	[23618,]	0.000000e+00	0.000000e+00	0	0
##	[23619,]	0.000000e+00	0.000000e+00	0	0
##	[23620,]	0.000000e+00	0.000000e+00	0	0
##	[23621,]	0.000000e+00	0.000000e+00	0	0
##	[23622,]	1.600000e+01	1.600000e+03	1	0
##	[23623,]	0.000000e+00	0.000000e+00	0	0
##	[23624,]	1.000000e+00	0.000000e+00	0	0
##	[23625,]	0.000000e+00	0.000000e+00	0	0
##	[23626,]	4.000000e+00	0.000000e+00	0	0
##	[23627,]	2.250000e+02	7.569000e+03	144	0
##	[23628,]	0.000000e+00	0.000000e+00	0	0
##	[23629,]	0.000000e+00	0.000000e+00	0	0
##	[23630,]	0.000000e+00	0.000000e+00	0	0
##	[23631,]	0.000000e+00	0.000000e+00	0	0
##	[23632,]	0.000000e+00	0.000000e+00	0	0
##	[23633,]	4.000000e+00	1.000000e+02	64	0
##	[23634,]	0.000000e+00	0.000000e+00	0	0
##	[23635,]	1.440000e+02	8.100000e+01	0	0
##	[23636,]	0.000000e+00	0.000000e+00	0	0
##	[23637,]	4.000000e+00	1.600000e+01	7225	0
##	[23638,]	0.000000e+00	0.000000e+00	0	0
##	[23639,]	0.000000e+00	0.000000e+00	0	0
##	[23640,]	0.000000e+00	0.000000e+00	0	0
##	[23641,]	0.000000e+00	0.000000e+00	0	0
##	[23642,]	0.000000e+00	1.600000e+01	10404	0
##	[23643,]	0.000000e+00	0.000000e+00	0	0
##	[23644,]	0.000000e+00	0.000000e+00	0	0

##	[23645,]	0.000000e+00	0.000000e+00	0	0
##	[23646,]	0.000000e+00	4.000000e+00	1444	0
##	[23647,]	0.000000e+00	0.000000e+00	0	0
##	[23648,]	0.000000e+00	0.000000e+00	0	0
##	[23649,]	0.000000e+00	0.000000e+00	0	0
##	[23650,]	0.000000e+00	0.000000e+00	0	0
##	[23651,]	0.000000e+00	0.000000e+00	0	0
##	[23652,]	0.000000e+00	0.000000e+00	0	0
##	[23653,]	0.000000e+00	0.000000e+00	0	0
##	[23654,]	0.000000e+00	0.000000e+00	0	0
##	[23655,]	0.000000e+00	0.000000e+00	0	0
##	[23656,]	0.000000e+00	0.000000e+00	9	0
##	[23657,]	0.000000e+00	0.000000e+00	0	0
##	[23658,]	0.000000e+00	0.000000e+00	0	0
##	[23659,]	0.000000e+00	0.000000e+00	0	0
##	[23660,]	0.000000e+00	0.000000e+00	0	0
##	[23661,]	0.000000e+00	0.000000e+00	0	0
##	[23662,]	9.000000e+00	0.000000e+00	0	0
##	[23663,]	9.610000e+02	2.992900e+04	38025	0
##	[23664,]	1.000000e+00	0.000000e+00	0	0
##	[23665,]	0.000000e+00	0.000000e+00	0	0
##	[23666,]	4.000000e+00	2.500000e+01	0	0
##	[23667,]	0.000000e+00	0.000000e+00	0	0
##	[23668,]	0.000000e+00	0.000000e+00	0	0
##	[23669,]	0.000000e+00	0.000000e+00	0	0
##	[23670,]	0.000000e+00	0.000000e+00	0	0
##	[23671,]	4.000000e+00	3.600000e+01	0	0
##	[23672,]	0.000000e+00	0.000000e+00	0	0
##	[23673,]	0.000000e+00	0.000000e+00	0	0
##	[23674,]	0.000000e+00	0.000000e+00	0	0
##	[23675,]	0.000000e+00	0.000000e+00	0	0
##	[23676,]	0.000000e+00	0.000000e+00	0	0
##	[23677,]	0.000000e+00	0.000000e+00	0	0
##	[23678,]	3.600000e+01	1.600000e+03	4	0
##	[23679,]	1.000000e+00	0.000000e+00	0	0
##	[23680,]	0.000000e+00	0.000000e+00	0	0
##	[23681,]	0.000000e+00	0.000000e+00	0	0
##	[23682,]	4.000000e+00	0.000000e+00	0	0
##	[23683,]	0.000000e+00	0.000000e+00	0	0
##	[23684,]	1.000000e+00	0.000000e+00	0	0
##	[23685,]	4.000000e+02	9.409000e+03	81	0
##	[23686,]	0.000000e+00	0.000000e+00	0	0
##	[23687,]	0.000000e+00	0.000000e+00	0	0
##	[23688,]	0.000000e+00	0.000000e+00	0	0
##	[23689,]	0.000000e+00	0.000000e+00	0	0
##	[23690,]	0.000000e+00	8.100000e+01	25	0
##	[23691,]	4.000000e+00	0.000000e+00	0	0
##	[23692,]	0.000000e+00	0.000000e+00	0	0
##	[23693,]	0.000000e+00	0.000000e+00	0	0
##	[23694,]	0.000000e+00	0.000000e+00	0	0
##	[23695,]	9.000000e+00	1.210000e+02	6084	0
##	[23696,]	0.000000e+00	0.000000e+00	0	0
##	[23697,]	0.000000e+00	0.000000e+00	0	0
##	[23698,]	0.000000e+00	0.000000e+00	0	0

##	[23699,]	0.000000e+00	0.000000e+00	0	0
##	[23700,]	1.000000e+00	8.100000e+01	5929	0
##	[23701,]	0.000000e+00	0.000000e+00	0	0
##	[23702,]	1.000000e+00	4.900000e+01	576	0
##	[23703,]	0.000000e+00	0.000000e+00	0	0
##	[23704,]	0.000000e+00	0.000000e+00	0	0
##	[23705,]	0.000000e+00	0.000000e+00	0	0
##	[23706,]	0.000000e+00	0.000000e+00	0	0
##	[23707,]	0.000000e+00	0.000000e+00	9	0
##	[23708,]	0.000000e+00	0.000000e+00	0	0
##	[23709,]	0.000000e+00	0.000000e+00	0	0
##	[23710,]	0.000000e+00	0.000000e+00	0	0
##	[23711,]	0.000000e+00	0.000000e+00	0	0
##	[23712,]	0.000000e+00	0.000000e+00	100	0
##	[23713,]	0.000000e+00	0.000000e+00	0	0
##	[23714,]	0.000000e+00	0.000000e+00	0	0
##	[23715,]	0.000000e+00	0.000000e+00	0	0
##	[23716,]	0.000000e+00	0.000000e+00	0	0
##	[23717,]	0.000000e+00	0.000000e+00	0	0
##	[23718,]	1.000000e+00	0.000000e+00	0	0
##	[23719,]	0.000000e+00	0.000000e+00	0	0
##	[23720,]	0.000000e+00	0.000000e+00	0	0
##	[23721,]	5.290000e+02	1.440000e+04	21316	0
##	[23722,]	2.500000e+01	4.900000e+01	0	0
##	[23723,]	0.000000e+00	0.000000e+00	0	0
##	[23724,]	0.000000e+00	0.000000e+00	0	0
##	[23725,]	0.000000e+00	0.000000e+00	0	0
##	[23726,]	0.000000e+00	0.000000e+00	0	0
##	[23727,]	4.000000e+00	4.000000e+00	0	0
##	[23728,]	0.000000e+00	0.000000e+00	0	0
##	[23729,]	0.000000e+00	0.000000e+00	0	0
##	[23730,]	0.000000e+00	0.000000e+00	0	0
##	[23731,]	0.000000e+00	0.000000e+00	0	0
##	[23732,]	0.000000e+00	0.000000e+00	0	0
##	[23733,]	0.000000e+00	0.000000e+00	0	0
##	[23734,]	0.000000e+00	0.000000e+00	0	0
##	[23735,]	0.000000e+00	0.000000e+00	0	0
##	[23736,]	8.100000e+01	4.000000e+02	0	0
##	[23737,]	1.690000e+02	5.625000e+03	25	0
##	[23738,]	0.000000e+00	0.000000e+00	0	0
##	[23739,]	1.000000e+00	0.000000e+00	0	0
##	[23740,]	0.000000e+00	0.000000e+00	0	0
##	[23741,]	0.000000e+00	0.000000e+00	0	0
##	[23742,]	1.000000e+00	1.440000e+02	16	0
##	[23743,]	0.000000e+00	0.000000e+00	0	0
##	[23744,]	0.000000e+00	0.000000e+00	0	0
##	[23745,]	0.000000e+00	0.000000e+00	0	0
##	[23746,]	0.000000e+00	0.000000e+00	0	0
##	[23747,]	1.600000e+01	0.000000e+00	0	0
##	[23748,]	0.000000e+00	0.000000e+00	0	0
##	[23749,]	0.000000e+00	8.100000e+01	2601	0
##	[23750,]	0.000000e+00	0.000000e+00	0	0
##	[23751,]	0.000000e+00	0.000000e+00	0	0
##	[23752,]	0.000000e+00	0.000000e+00	0	0

##	[23753,]	0.000000e+00	0.000000e+00	0	0
##	[23754,]	0.000000e+00	4.000000e+00	3600	0
##	[23755,]	0.000000e+00	0.000000e+00	0	0
##	[23756,]	0.000000e+00	0.000000e+00	0	0
##	[23757,]	0.000000e+00	0.000000e+00	0	0
##	[23758,]	0.000000e+00	0.000000e+00	0	0
##	[23759,]	0.000000e+00	4.000000e+00	676	0
##	[23760,]	0.000000e+00	0.000000e+00	0	0
##	[23761,]	0.000000e+00	0.000000e+00	0	0
##	[23762,]	0.000000e+00	0.000000e+00	0	0
##	[23763,]	0.000000e+00	0.000000e+00	0	0
##	[23764,]	0.000000e+00	0.000000e+00	0	0
##	[23765,]	0.000000e+00	0.000000e+00	0	0
##	[23766,]	0.000000e+00	0.000000e+00	0	0
##	[23767,]	0.000000e+00	0.000000e+00	0	0
##	[23768,]	0.000000e+00	0.000000e+00	9	0
##	[23769,]	0.000000e+00	0.000000e+00	0	0
##	[23770,]	0.000000e+00	0.000000e+00	0	0
##	[23771,]	0.000000e+00	0.000000e+00	0	0
##	[23772,]	0.000000e+00	0.000000e+00	0	0
##	[23773,]	0.000000e+00	0.000000e+00	0	0
##	[23774,]	0.000000e+00	0.000000e+00	0	0
##	[23775,]	1.296000e+03	2.102500e+04	11664	0
##	[23776,]	9.000000e+00	0.000000e+00	0	0
##	[23777,]	0.000000e+00	0.000000e+00	0	0
##	[23778,]	0.000000e+00	0.000000e+00	0	0
##	[23779,]	1.000000e+00	0.000000e+00	0	0
##	[23780,]	0.000000e+00	0.000000e+00	0	0
##	[23781,]	0.000000e+00	0.000000e+00	0	0
##	[23782,]	0.000000e+00	0.000000e+00	0	0
##	[23783,]	4.000000e+00	0.000000e+00	0	0
##	[23784,]	0.000000e+00	0.000000e+00	0	0
##	[23785,]	0.000000e+00	0.000000e+00	0	0
##	[23786,]	0.000000e+00	0.000000e+00	0	0
##	[23787,]	0.000000e+00	0.000000e+00	0	0
##	[23788,]	0.000000e+00	0.000000e+00	0	0
##	[23789,]	6.400000e+01	1.764000e+03	0	0
##	[23790,]	0.000000e+00	0.000000e+00	0	0
##	[23791,]	0.000000e+00	0.000000e+00	0	0
##	[23792,]	1.000000e+00	0.000000e+00	0	0
##	[23793,]	7.840000e+02	7.569000e+03	4	0
##	[23794,]	0.000000e+00	0.000000e+00	0	0
##	[23795,]	0.000000e+00	0.000000e+00	0	0
##	[23796,]	0.000000e+00	0.000000e+00	0	0
##	[23797,]	0.000000e+00	0.000000e+00	0	0
##	[23798,]	0.000000e+00	0.000000e+00	0	0
##	[23799,]	0.000000e+00	6.400000e+01	16	0
##	[23800,]	0.000000e+00	0.000000e+00	0	0
##	[23801,]	0.000000e+00	0.000000e+00	0	0
##	[23802,]	0.000000e+00	0.000000e+00	0	0
##	[23803,]	0.000000e+00	0.000000e+00	0	0
##	[23804,]	0.000000e+00	0.000000e+00	0	0
##	[23805,]	0.000000e+00	0.000000e+00	0	0
##	[23806,]	0.000000e+00	9.000000e+00	1521	0

##	[23807,]	1.000000e+00	0.000000e+00	0	0
##	[23808,]	0.000000e+00	0.000000e+00	0	0
##	[23809,]	0.000000e+00	0.000000e+00	0	0
##	[23810,]	1.000000e+00	0.000000e+00	0	0
##	[23811,]	0.000000e+00	0.000000e+00	0	0
##	[23812,]	0.000000e+00	1.600000e+01	2704	0
##	[23813,]	0.000000e+00	0.000000e+00	0	0
##	[23814,]	0.000000e+00	0.000000e+00	0	0
##	[23815,]	0.000000e+00	0.000000e+00	0	0
##	[23816,]	0.000000e+00	0.000000e+00	0	0
##	[23817,]	0.000000e+00	0.000000e+00	0	0
##	[23818,]	0.000000e+00	1.000000e+00	121	0
##	[23819,]	0.000000e+00	0.000000e+00	0	0
##	[23820,]	0.000000e+00	0.000000e+00	0	0
##	[23821,]	0.000000e+00	0.000000e+00	1	0
##	[23822,]	0.000000e+00	0.000000e+00	0	0
##	[23823,]	0.000000e+00	0.000000e+00	0	0
##	[23824,]	0.000000e+00	0.000000e+00	0	0
##	[23825,]	0.000000e+00	0.000000e+00	0	0
##	[23826,]	0.000000e+00	0.000000e+00	36	0
##	[23827,]	0.000000e+00	0.000000e+00	0	0
##	[23828,]	0.000000e+00	0.000000e+00	0	0
##	[23829,]	0.000000e+00	0.000000e+00	0	0
##	[23830,]	0.000000e+00	0.000000e+00	0	0
##	[23831,]	0.000000e+00	0.000000e+00	0	0
##	[23832,]	0.000000e+00	0.000000e+00	0	0
##	[23833,]	0.000000e+00	2.916000e+03	169744	0
##	[23834,]	0.000000e+00	0.000000e+00	0	0
##	[23835,]	0.000000e+00	1.225000e+03	112896	0
##	[23836,]	4.000000e+00	0.000000e+00	0	0
##	[23837,]	0.000000e+00	0.000000e+00	0	0
##	[23838,]	0.000000e+00	0.000000e+00	0	0
##	[23839,]	0.000000e+00	0.000000e+00	0	0
##	[23840,]	0.000000e+00	0.000000e+00	0	0
##	[23841,]	0.000000e+00	0.000000e+00	0	0
##	[23842,]	0.000000e+00	0.000000e+00	0	0
##	[23843,]	0.000000e+00	0.000000e+00	0	0
##	[23844,]	0.000000e+00	0.000000e+00	0	0
##	[23845,]	0.000000e+00	0.000000e+00	0	0
##	[23846,]	0.000000e+00	0.000000e+00	0	0
##	[23847,]	0.000000e+00	0.000000e+00	0	0
##	[23848,]	0.000000e+00	0.000000e+00	0	0
##	[23849,]	0.000000e+00	0.000000e+00	0	0
##	[23850,]	0.000000e+00	0.000000e+00	0	0
##	[23851,]	0.000000e+00	0.000000e+00	0	0
##	[23852,]	0.000000e+00	0.000000e+00	0	0
##	[23853,]	0.000000e+00	9.000000e+00	0	0
##	[23854,]	0.000000e+00	0.000000e+00	0	0
##	[23855,]	0.000000e+00	0.000000e+00	0	0
##	[23856,]	0.000000e+00	0.000000e+00	0	0
##	[23857,]	0.000000e+00	0.000000e+00	0	0
##	[23858,]	0.000000e+00	0.000000e+00	0	0
##	[23859,]	0.000000e+00	1.000000e+02	0	0
##	[23860,]	0.000000e+00	0.000000e+00	0	0

##	[23861,]	0.000000e+00	0.000000e+00	0	0
##	[23862,]	0.000000e+00	2.560000e+02	1	0
##	[23863,]	0.000000e+00	0.000000e+00	0	0
##	[23864,]	0.000000e+00	0.000000e+00	0	0
##	[23865,]	0.000000e+00	0.000000e+00	0	0
##	[23866,]	0.000000e+00	0.000000e+00	0	0
##	[23867,]	4.000000e+00	0.000000e+00	0	0
##	[23868,]	0.000000e+00	0.000000e+00	0	0
##	[23869,]	0.000000e+00	8.410000e+02	4	0
##	[23870,]	0.000000e+00	0.000000e+00	0	0
##	[23871,]	0.000000e+00	0.000000e+00	0	0
##	[23872,]	0.000000e+00	3.610000e+02	121	0
##	[23873,]	0.000000e+00	0.000000e+00	0	0
##	[23874,]	0.000000e+00	0.000000e+00	0	0
##	[23875,]	0.000000e+00	0.000000e+00	0	0
##	[23876,]	0.000000e+00	0.000000e+00	0	0
##	[23877,]	0.000000e+00	3.600000e+01	16384	0
##	[23878,]	0.000000e+00	0.000000e+00	0	0
##	[23879,]	0.000000e+00	0.000000e+00	0	0
##	[23880,]	0.000000e+00	0.000000e+00	0	0
##	[23881,]	0.000000e+00	1.600000e+01	8281	0
##	[23882,]	0.000000e+00	0.000000e+00	0	0
##	[23883,]	0.000000e+00	0.000000e+00	0	0
##	[23884,]	0.000000e+00	0.000000e+00	0	0
##	[23885,]	0.000000e+00	0.000000e+00	0	0
##	[23886,]	1.000000e+00	0.000000e+00	0	0
##	[23887,]	0.000000e+00	0.000000e+00	0	0
##	[23888,]	0.000000e+00	0.000000e+00	0	0
##	[23889,]	0.000000e+00	0.000000e+00	0	0
##	[23890,]	0.000000e+00	1.000000e+00	10201	0
##	[23891,]	0.000000e+00	0.000000e+00	0	0
##	[23892,]	0.000000e+00	0.000000e+00	0	0
##	[23893,]	0.000000e+00	0.000000e+00	0	0
##	[23894,]	0.000000e+00	0.000000e+00	0	0
##	[23895,]	0.000000e+00	9.000000e+00	11236	0
##	[23896,]	0.000000e+00	0.000000e+00	0	0
##	[23897,]	0.000000e+00	0.000000e+00	0	0
##	[23898,]	0.000000e+00	0.000000e+00	0	0
##	[23899,]	0.000000e+00	0.000000e+00	20736	0
##	[23900,]	0.000000e+00	0.000000e+00	12100	0
##	[23901,]	0.000000e+00	0.000000e+00	0	0
##	[23902,]	0.000000e+00	0.000000e+00	0	0
##	[23903,]	0.000000e+00	0.000000e+00	0	0
##	[23904,]	0.000000e+00	0.000000e+00	0	0
##	[23905,]	0.000000e+00	0.000000e+00	0	0
##	[23906,]	0.000000e+00	0.000000e+00	961	0
##	[23907,]	0.000000e+00	1.000000e+00	529	0
##	[23908,]	0.000000e+00	0.000000e+00	0	0
##	[23909,]	0.000000e+00	0.000000e+00	0	0
##	[23910,]	0.000000e+00	0.000000e+00	0	0
##	[23911,]	0.000000e+00	0.000000e+00	0	0
##	[23912,]	0.000000e+00	0.000000e+00	0	0
##	[23913,]	0.000000e+00	0.000000e+00	0	0
##	[23914,]	0.000000e+00	0.000000e+00	0	0

##	[23915,]	0.000000e+00	0.000000e+00	0	0
##	[23916,]	0.000000e+00	0.000000e+00	0	0
##	[23917,]	0.000000e+00	0.000000e+00	0	0
##	[23918,]	0.000000e+00	4.000000e+00	0	0
##	[23919,]	0.000000e+00	0.000000e+00	16	0
##	[23920,]	0.000000e+00	0.000000e+00	0	0
##	[23921,]	0.000000e+00	0.000000e+00	0	0
##	[23922,]	0.000000e+00	0.000000e+00	0	0
##	[23923,]	0.000000e+00	0.000000e+00	0	0
##	[23924,]	0.000000e+00	0.000000e+00	1	0
##	[23925,]	0.000000e+00	0.000000e+00	0	0
##	[23926,]	0.000000e+00	0.000000e+00	0	0
##	[23927,]	0.000000e+00	0.000000e+00	0	0
##	[23928,]	0.000000e+00	0.000000e+00	0	0
##	[23929,]	0.000000e+00	0.000000e+00	0	0
##	[23930,]	0.000000e+00	0.000000e+00	9	0
##	[23931,]	0.000000e+00	9.000000e+00	0	0
##	[23932,]	0.000000e+00	0.000000e+00	16	0
##	[23933,]	0.000000e+00	0.000000e+00	0	0
##	[23934,]	0.000000e+00	0.000000e+00	0	0
##	[23935,]	0.000000e+00	0.000000e+00	0	0
##	[23936,]	0.000000e+00	0.000000e+00	0	0
##	[23937,]	0.000000e+00	0.000000e+00	0	0
##	[23938,]	0.000000e+00	4.489000e+03	16	0
##	[23939,]	0.000000e+00	3.364000e+03	946729	0
##	[23940,]	4.000000e+00	0.000000e+00	0	0
##	[23941,]	0.000000e+00	0.000000e+00	0	0
##	[23942,]	0.000000e+00	0.000000e+00	0	0
##	[23943,]	4.000000e+00	0.000000e+00	0	0
##	[23944,]	0.000000e+00	0.000000e+00	0	0
##	[23945,]	0.000000e+00	0.000000e+00	0	0
##	[23946,]	0.000000e+00	0.000000e+00	0	0
##	[23947,]	0.000000e+00	0.000000e+00	0	0
##	[23948,]	0.000000e+00	0.000000e+00	0	0
##	[23949,]	0.000000e+00	4.000000e+00	0	0
##	[23950,]	0.000000e+00	0.000000e+00	0	0
##	[23951,]	0.000000e+00	0.000000e+00	0	0
##	[23952,]	0.000000e+00	0.000000e+00	0	0
##	[23953,]	0.000000e+00	0.000000e+00	1	0
##	[23954,]	0.000000e+00	0.000000e+00	0	0
##	[23955,]	0.000000e+00	0.000000e+00	0	0
##	[23956,]	0.000000e+00	0.000000e+00	0	0
##	[23957,]	0.000000e+00	0.000000e+00	0	0
##	[23958,]	0.000000e+00	0.000000e+00	0	0
##	[23959,]	0.000000e+00	0.000000e+00	0	0
##	[23960,]	0.000000e+00	0.000000e+00	0	0
##	[23961,]	0.000000e+00	0.000000e+00	0	0
##	[23962,]	0.000000e+00	0.000000e+00	0	0
##	[23963,]	0.000000e+00	0.000000e+00	0	0
##	[23964,]	0.000000e+00	1.000000e+02	16	0
##	[23965,]	0.000000e+00	1.024000e+03	0	0
##	[23966,]	0.000000e+00	0.000000e+00	0	0
##	[23967,]	0.000000e+00	0.000000e+00	0	0
##	[23968,]	0.000000e+00	0.000000e+00	0	0

##	[23969,]	0.000000e+00	0.000000e+00	0	0
##	[23970,]	4.000000e+00	0.000000e+00	0	0
##	[23971,]	0.000000e+00	0.000000e+00	0	0
##	[23972,]	0.000000e+00	7.840000e+02	26896	0
##	[23973,]	0.000000e+00	0.000000e+00	0	0
##	[23974,]	0.000000e+00	0.000000e+00	0	0
##	[23975,]	0.000000e+00	0.000000e+00	0	0
##	[23976,]	0.000000e+00	0.000000e+00	0	0
##	[23977,]	0.000000e+00	1.156000e+03	16	0
##	[23978,]	0.000000e+00	0.000000e+00	0	0
##	[23979,]	0.000000e+00	0.000000e+00	0	0
##	[23980,]	0.000000e+00	1.000000e+00	0	0
##	[23981,]	0.000000e+00	0.000000e+00	0	0
##	[23982,]	0.000000e+00	6.400000e+01	36481	0
##	[23983,]	0.000000e+00	0.000000e+00	0	0
##	[23984,]	0.000000e+00	0.000000e+00	0	0
##	[23985,]	0.000000e+00	0.000000e+00	0	0
##	[23986,]	0.000000e+00	0.000000e+00	0	0
##	[23987,]	4.000000e+00	0.000000e+00	0	0
##	[23988,]	0.000000e+00	0.000000e+00	0	0
##	[23989,]	0.000000e+00	0.000000e+00	0	0
##	[23990,]	0.000000e+00	0.000000e+00	0	0
##	[23991,]	0.000000e+00	0.000000e+00	0	0
##	[23992,]	0.000000e+00	0.000000e+00	0	0
##	[23993,]	0.000000e+00	0.000000e+00	0	0
##	[23994,]	0.000000e+00	0.000000e+00	0	0
##	[23995,]	0.000000e+00	0.000000e+00	0	0
##	[23996,]	0.000000e+00	0.000000e+00	0	0
##	[23997,]	0.000000e+00	0.000000e+00	0	0
##	[23998,]	0.000000e+00	3.600000e+01	59536	0
##	[23999,]	0.000000e+00	0.000000e+00	0	0
##	[24000,]	0.000000e+00	0.000000e+00	0	0
##	[24001,]	0.000000e+00	0.000000e+00	0	0
##	[24002,]	0.000000e+00	0.000000e+00	0	0
##	[24003,]	0.000000e+00	0.000000e+00	0	0
##	[24004,]	0.000000e+00	0.000000e+00	0	0
##	[24005,]	0.000000e+00	0.000000e+00	0	0
##	[24006,]	0.000000e+00	0.000000e+00	0	0
##	[24007,]	0.000000e+00	2.500000e+01	70225	0
##	[24008,]	0.000000e+00	0.000000e+00	0	0
##	[24009,]	0.000000e+00	0.000000e+00	0	0
##	[24010,]	0.000000e+00	0.000000e+00	0	0
##	[24011,]	0.000000e+00	0.000000e+00	0	0
##	[24012,]	0.000000e+00	0.000000e+00	0	0
##	[24013,]	0.000000e+00	0.000000e+00	0	0
##	[24014,]	0.000000e+00	0.000000e+00	0	0
##	[24015,]	0.000000e+00	0.000000e+00	0	0
##	[24016,]	0.000000e+00	0.000000e+00	0	0
##	[24017,]	0.000000e+00	1.000000e+00	11025	0
##	[24018,]	0.000000e+00	0.000000e+00	0	0
##	[24019,]	0.000000e+00	0.000000e+00	16	0
##	[24020,]	0.000000e+00	0.000000e+00	0	0
##	[24021,]	0.000000e+00	0.000000e+00	0	0
##	[24022,]	0.000000e+00	0.000000e+00	0	0

##	[24023,]	0.000000e+00	0.000000e+00	0	0
##	[24024,]	0.000000e+00	0.000000e+00	0	0
##	[24025,]	0.000000e+00	0.000000e+00	0	0
##	[24026,]	0.000000e+00	1.000000e+00	0	0
##	[24027,]	0.000000e+00	0.000000e+00	0	0
##	[24028,]	0.000000e+00	0.000000e+00	0	0
##	[24029,]	0.000000e+00	0.000000e+00	0	0
##	[24030,]	0.000000e+00	0.000000e+00	0	0
##	[24031,]	0.000000e+00	0.000000e+00	0	0
##	[24032,]	0.000000e+00	0.000000e+00	0	0
##	[24033,]	0.000000e+00	0.000000e+00	0	0
##	[24034,]	0.000000e+00	0.000000e+00	0	0
##	[24035,]	0.000000e+00	0.000000e+00	16	0
##	[24036,]	0.000000e+00	0.000000e+00	1	0
##	[24037,]	0.000000e+00	3.025000e+03	25	0
##	[24038,]	0.000000e+00	0.000000e+00	0	0
##	[24039,]	0.000000e+00	0.000000e+00	0	0
##	[24040,]	0.000000e+00	0.000000e+00	0	0
##	[24041,]	3.240000e+02	0.000000e+00	0	0
##	[24042,]	0.000000e+00	1.960000e+02	20449	361
##	[24043,]	0.000000e+00	0.000000e+00	0	0
##	[24044,]	0.000000e+00	0.000000e+00	0	0
##	[24045,]	4.000000e+00	8.836000e+03	3024121	244036
##	[24046,]	0.000000e+00	0.000000e+00	0	0
##	[24047,]	0.000000e+00	0.000000e+00	0	0
##	[24048,]	0.000000e+00	0.000000e+00	0	0
##	[24049,]	0.000000e+00	1.000000e+00	0	0
##	[24050,]	0.000000e+00	0.000000e+00	0	0
##	[24051,]	0.000000e+00	0.000000e+00	0	0
##	[24052,]	0.000000e+00	0.000000e+00	0	0
##	[24053,]	0.000000e+00	0.000000e+00	0	0
##	[24054,]	0.000000e+00	0.000000e+00	0	0
##	[24055,]	0.000000e+00	0.000000e+00	0	0
##	[24056,]	0.000000e+00	0.000000e+00	0	0
##	[24057,]	1.000000e+00	0.000000e+00	0	0
##	[24058,]	0.000000e+00	0.000000e+00	0	0
##	[24059,]	0.000000e+00	0.000000e+00	0	0
##	[24060,]	0.000000e+00	0.000000e+00	0	0
##	[24061,]	0.000000e+00	0.000000e+00	0	0
##	[24062,]	0.000000e+00	9.000000e+00	0	0
##	[24063,]	0.000000e+00	0.000000e+00	0	0
##	[24064,]	0.000000e+00	4.000000e+00	0	0
##	[24065,]	0.000000e+00	5.760000e+02	0	0
##	[24066,]	3.600000e+01	0.000000e+00	0	0
##	[24067,]	0.000000e+00	0.000000e+00	0	0
##	[24068,]	0.000000e+00	0.000000e+00	0	0
##	[24069,]	0.000000e+00	0.000000e+00	0	0
##	[24070,]	0.000000e+00	0.000000e+00	0	0
##	[24071,]	0.000000e+00	0.000000e+00	0	0
##	[24072,]	4.000000e+00	8.100000e+01	4	0
##	[24073,]	0.000000e+00	4.900000e+01	784	0
##	[24074,]	1.000000e+02	0.000000e+00	0	0
##	[24075,]	0.000000e+00	8.410000e+02	25	0
##	[24076,]	0.000000e+00	0.000000e+00	0	0

##	[24077,]	0.000000e+00	0.000000e+00	0	0
##	[24078,]	0.000000e+00	2.601000e+03	71289	36
##	[24079,]	0.000000e+00	0.000000e+00	0	0
##	[24080,]	0.000000e+00	0.000000e+00	0	0
##	[24081,]	0.000000e+00	0.000000e+00	0	0
##	[24082,]	0.000000e+00	0.000000e+00	0	0
##	[24083,]	0.000000e+00	1.210000e+02	106929	9
##	[24084,]	0.000000e+00	0.000000e+00	0	0
##	[24085,]	0.000000e+00	0.000000e+00	0	0
##	[24086,]	0.000000e+00	4.000000e+00	0	0
##	[24087,]	0.000000e+00	0.000000e+00	0	0
##	[24088,]	1.000000e+00	0.000000e+00	0	0
##	[24089,]	0.000000e+00	1.000000e+00	441	0
##	[24090,]	0.000000e+00	0.000000e+00	0	0
##	[24091,]	0.000000e+00	0.000000e+00	0	0
##	[24092,]	0.000000e+00	0.000000e+00	0	0
##	[24093,]	0.000000e+00	0.000000e+00	0	0
##	[24094,]	0.000000e+00	0.000000e+00	0	0
##	[24095,]	0.000000e+00	0.000000e+00	0	0
##	[24096,]	0.000000e+00	0.000000e+00	0	0
##	[24097,]	0.000000e+00	1.600000e+01	2500	25
##	[24098,]	0.000000e+00	0.000000e+00	0	0
##	[24099,]	0.000000e+00	0.000000e+00	0	0
##	[24100,]	0.000000e+00	0.000000e+00	0	0
##	[24101,]	0.000000e+00	2.560000e+02	168921	5929
##	[24102,]	0.000000e+00	0.000000e+00	0	0
##	[24103,]	0.000000e+00	0.000000e+00	0	0
##	[24104,]	0.000000e+00	0.000000e+00	0	0
##	[24105,]	0.000000e+00	0.000000e+00	0	0
##	[24106,]	0.000000e+00	0.000000e+00	1225	121
##	[24107,]	0.000000e+00	0.000000e+00	0	0
##	[24108,]	0.000000e+00	0.000000e+00	0	0
##	[24109,]	0.000000e+00	2.500000e+01	283024	44944
##	[24110,]	0.000000e+00	0.000000e+00	0	0
##	[24111,]	0.000000e+00	0.000000e+00	0	0
##	[24112,]	0.000000e+00	0.000000e+00	0	0
##	[24113,]	0.000000e+00	0.000000e+00	0	0
##	[24114,]	0.000000e+00	0.000000e+00	81	9
##	[24115,]	0.000000e+00	0.000000e+00	0	0
##	[24116,]	0.000000e+00	4.000000e+00	40000	38416
##	[24117,]	0.000000e+00	0.000000e+00	0	0
##	[24118,]	0.000000e+00	0.000000e+00	0	0
##	[24119,]	0.000000e+00	0.000000e+00	0	0
##	[24120,]	1.000000e+00	0.000000e+00	0	0
##	[24121,]	0.000000e+00	0.000000e+00	0	0
##	[24122,]	0.000000e+00	0.000000e+00	0	0
##	[24123,]	0.000000e+00	0.000000e+00	0	0
##	[24124,]	0.000000e+00	0.000000e+00	0	0
##	[24125,]	0.000000e+00	0.000000e+00	0	0
##	[24126,]	0.000000e+00	0.000000e+00	0	0
##	[24127,]	0.000000e+00	0.000000e+00	0	0
##	[24128,]	0.000000e+00	0.000000e+00	0	0
##	[24129,]	0.000000e+00	0.000000e+00	196	0
##	[24130,]	0.000000e+00	0.000000e+00	0	0

##	[24131,]	0.000000e+00	0.000000e+00	0	0
##	[24132,]	0.000000e+00	0.000000e+00	0	0
##	[24133,]	0.000000e+00	0.000000e+00	0	0
##	[24134,]	0.000000e+00	0.000000e+00	0	0
##	[24135,]	0.000000e+00	0.000000e+00	0	0
##	[24136,]	0.000000e+00	0.000000e+00	1	0
##	[24137,]	0.000000e+00	0.000000e+00	289	0
##	[24138,]	0.000000e+00	0.000000e+00	1	0
##	[24139,]	0.000000e+00	0.000000e+00	0	0
##	[24140,]	0.000000e+00	0.000000e+00	1	0
##	[24141,]	1.600000e+01	1.345600e+04	3268864	1004004
##	[24142,]	0.000000e+00	0.000000e+00	0	0
##	[24143,]	0.000000e+00	0.000000e+00	0	0
##	[24144,]	0.000000e+00	0.000000e+00	0	0
##	[24145,]	0.000000e+00	0.000000e+00	0	0
##	[24146,]	0.000000e+00	7.840000e+02	9	0
##	[24147,]	4.410000e+02	0.000000e+00	0	0
##	[24148,]	0.000000e+00	1.600000e+01	4624	1296
##	[24149,]	0.000000e+00	0.000000e+00	0	0
##	[24150,]	0.000000e+00	0.000000e+00	0	0
##	[24151,]	0.000000e+00	0.000000e+00	0	0
##	[24152,]	0.000000e+00	0.000000e+00	0	0
##	[24153,]	0.000000e+00	0.000000e+00	0	0
##	[24154,]	4.000000e+00	0.000000e+00	0	0
##	[24155,]	0.000000e+00	1.600000e+01	0	0
##	[24156,]	0.000000e+00	0.000000e+00	0	0
##	[24157,]	0.000000e+00	0.000000e+00	0	0
##	[24158,]	0.000000e+00	0.000000e+00	0	0
##	[24159,]	0.000000e+00	1.000000e+00	0	0
##	[24160,]	0.000000e+00	0.000000e+00	0	0
##	[24161,]	0.000000e+00	0.000000e+00	0	0
##	[24162,]	0.000000e+00	0.000000e+00	0	0
##	[24163,]	0.000000e+00	0.000000e+00	0	0
##	[24164,]	0.000000e+00	9.000000e+00	0	0
##	[24165,]	0.000000e+00	0.000000e+00	0	0
##	[24166,]	0.000000e+00	0.000000e+00	0	0
##	[24167,]	0.000000e+00	0.000000e+00	0	0
##	[24168,]	0.000000e+00	0.000000e+00	0	0
##	[24169,]	2.500000e+01	0.000000e+00	0	0
##	[24170,]	0.000000e+00	0.000000e+00	0	0
##	[24171,]	4.000000e+00	1.210000e+02	0	0
##	[24172,]	0.000000e+00	0.000000e+00	0	0
##	[24173,]	0.000000e+00	1.000000e+02	0	0
##	[24174,]	0.000000e+00	0.000000e+00	0	0
##	[24175,]	0.000000e+00	0.000000e+00	0	0
##	[24176,]	0.000000e+00	0.000000e+00	0	0
##	[24177,]	0.000000e+00	0.000000e+00	0	0
##	[24178,]	1.000000e+00	4.900000e+03	72900	36
##	[24179,]	2.250000e+02	0.000000e+00	0	0
##	[24180,]	0.000000e+00	0.000000e+00	0	0
##	[24181,]	0.000000e+00	3.240000e+02	9	0
##	[24182,]	0.000000e+00	0.000000e+00	0	0
##	[24183,]	0.000000e+00	4.000000e+00	196	0
##	[24184,]	0.000000e+00	0.000000e+00	0	0

##	[24185,]	0.000000e+00	0.000000e+00	0	0
##	[24186,]	0.000000e+00	0.000000e+00	0	0
##	[24187,]	0.000000e+00	0.000000e+00	0	0
##	[24188,]	0.000000e+00	0.000000e+00	0	0
##	[24189,]	0.000000e+00	0.000000e+00	0	0
##	[24190,]	0.000000e+00	0.000000e+00	0	0
##	[24191,]	1.000000e+00	2.890000e+02	102400	100
##	[24192,]	0.000000e+00	0.000000e+00	0	0
##	[24193,]	0.000000e+00	4.000000e+00	225	1
##	[24194,]	0.000000e+00	0.000000e+00	0	0
##	[24195,]	0.000000e+00	0.000000e+00	0	0
##	[24196,]	0.000000e+00	0.000000e+00	0	0
##	[24197,]	0.000000e+00	0.000000e+00	0	0
##	[24198,]	0.000000e+00	0.000000e+00	0	0
##	[24199,]	0.000000e+00	0.000000e+00	0	0
##	[24200,]	0.000000e+00	1.440000e+02	219961	21904
##	[24201,]	0.000000e+00	0.000000e+00	484	25
##	[24202,]	0.000000e+00	0.000000e+00	0	0
##	[24203,]	0.000000e+00	0.000000e+00	0	0
##	[24204,]	0.000000e+00	0.000000e+00	0	0
##	[24205,]	0.000000e+00	0.000000e+00	0	0
##	[24206,]	0.000000e+00	0.000000e+00	0	0
##	[24207,]	1.000000e+00	0.000000e+00	0	0
##	[24208,]	0.000000e+00	0.000000e+00	0	0
##	[24209,]	0.000000e+00	0.000000e+00	0	0
##	[24210,]	0.000000e+00	0.000000e+00	0	0
##	[24211,]	0.000000e+00	0.000000e+00	0	0
##	[24212,]	0.000000e+00	0.000000e+00	0	0
##	[24213,]	0.000000e+00	0.000000e+00	0	0
##	[24214,]	0.000000e+00	2.500000e+01	259081	235225
##	[24215,]	0.000000e+00	0.000000e+00	256	484
##	[24216,]	0.000000e+00	0.000000e+00	0	0
##	[24217,]	0.000000e+00	0.000000e+00	0	0
##	[24218,]	0.000000e+00	0.000000e+00	0	0
##	[24219,]	0.000000e+00	0.000000e+00	0	0
##	[24220,]	0.000000e+00	0.000000e+00	0	0
##	[24221,]	0.000000e+00	0.000000e+00	0	0
##	[24222,]	0.000000e+00	0.000000e+00	0	0
##	[24223,]	0.000000e+00	0.000000e+00	1	64
##	[24224,]	0.000000e+00	0.000000e+00	0	0
##	[24225,]	0.000000e+00	1.000000e+00	57600	124609
##	[24226,]	0.000000e+00	0.000000e+00	0	0
##	[24227,]	0.000000e+00	0.000000e+00	0	0
##	[24228,]	0.000000e+00	0.000000e+00	1	0
##	[24229,]	0.000000e+00	0.000000e+00	529	0
##	[24230,]	0.000000e+00	0.000000e+00	0	0
##	[24231,]	0.000000e+00	0.000000e+00	0	0
##	[24232,]	0.000000e+00	0.000000e+00	0	0
##	[24233,]	0.000000e+00	0.000000e+00	0	0
##	[24234,]	0.000000e+00	0.000000e+00	0	0
##	[24235,]	0.000000e+00	0.000000e+00	0	0
##	[24236,]	0.000000e+00	0.000000e+00	0	0
##	[24237,]	0.000000e+00	0.000000e+00	0	0
##	[24238,]	0.000000e+00	0.000000e+00	0	0

##	[24239,]	0.000000e+00	0.000000e+00	1089	0
##	[24240,]	0.000000e+00	0.000000e+00	0	0
##	[24241,]	0.000000e+00	0.000000e+00	0	0
##	[24242,]	0.000000e+00	0.000000e+00	1	0
##	[24243,]	0.000000e+00	0.000000e+00	4	0
##	[24244,]	0.000000e+00	0.000000e+00	0	0
##	[24245,]	0.000000e+00	0.000000e+00	0	0
##	[24246,]	0.000000e+00	0.000000e+00	0	0
##	[24247,]	0.000000e+00	0.000000e+00	0	0
##	[24248,]	0.000000e+00	0.000000e+00	0	0
##	[24249,]	0.000000e+00	0.000000e+00	0	0
##	[24250,]	0.000000e+00	0.000000e+00	0	0
##	[24251,]	0.000000e+00	0.000000e+00	0	0
##	[24252,]	0.000000e+00	0.000000e+00	0	0
##	[24253,]	0.000000e+00	0.000000e+00	0	0
##	[24254,]	0.000000e+00	0.000000e+00	0	0
##	[24255,]	0.000000e+00	0.000000e+00	0	0
##	[24256,]	0.000000e+00	0.000000e+00	0	0
##	[24257,]	0.000000e+00	0.000000e+00	0	0
##	[24258,]	0.000000e+00	0.000000e+00	0	0
##	[24259,]	0.000000e+00	0.000000e+00	0	0
##	[24260,]	0.000000e+00	0.000000e+00	0	0
##	[24261,]	0.000000e+00	0.000000e+00	0	0
##	[24262,]	0.000000e+00	0.000000e+00	0	0
##	[24263,]	0.000000e+00	0.000000e+00	0	0
##	[24264,]	0.000000e+00	0.000000e+00	0	0
##	[24265,]	0.000000e+00	0.000000e+00	0	0
##	[24266,]	0.000000e+00	0.000000e+00	0	0
##	[24267,]	2.500000e+01	0.000000e+00	0	0
##	[24268,]	0.000000e+00	0.000000e+00	0	0
##	[24269,]	0.000000e+00	0.000000e+00	0	0
##	[24270,]	0.000000e+00	0.000000e+00	0	0
##	[24271,]	0.000000e+00	0.000000e+00	0	0
##	[24272,]	0.000000e+00	0.000000e+00	0	0
##	[24273,]	1.000000e+00	0.000000e+00	0	0
##	[24274,]	0.000000e+00	0.000000e+00	0	0
##	[24275,]	4.000000e+00	0.000000e+00	0	0
##	[24276,]	0.000000e+00	0.000000e+00	0	0
##	[24277,]	1.000000e+00	0.000000e+00	0	0
##	[24278,]	0.000000e+00	0.000000e+00	0	0
##	[24279,]	1.000000e+00	0.000000e+00	0	0
##	[24280,]	0.000000e+00	0.000000e+00	0	0
##	[24281,]	0.000000e+00	0.000000e+00	0	0
##	[24282,]	0.000000e+00	0.000000e+00	0	0
##	[24283,]	9.000000e+00	0.000000e+00	0	0
##	[24284,]	0.000000e+00	0.000000e+00	0	0
##	[24285,]	0.000000e+00	0.000000e+00	0	0
##	[24286,]	4.212010e+05	0.000000e+00	0	0
##	[24287,]	0.000000e+00	0.000000e+00	0	0
##	[24288,]	0.000000e+00	0.000000e+00	0	0
##	[24289,]	0.000000e+00	0.000000e+00	0	0
##	[24290,]	6.760000e+02	0.000000e+00	0	0
##	[24291,]	0.000000e+00	0.000000e+00	0	0
##	[24292,]	1.369000e+05	0.000000e+00	0	0

##	[24293,]	0.000000e+00	0.000000e+00	0	0
##	[24294,]	2.016400e+04	0.000000e+00	0	0
##	[24295,]	6.724000e+03	0.000000e+00	0	0
##	[24296,]	0.000000e+00	0.000000e+00	0	0
##	[24297,]	5.760000e+02	0.000000e+00	0	0
##	[24298,]	0.000000e+00	0.000000e+00	0	0
##	[24299,]	2.500000e+01	0.000000e+00	0	0
##	[24300,]	0.000000e+00	0.000000e+00	0	0
##	[24301,]	0.000000e+00	0.000000e+00	0	0
##	[24302,]	0.000000e+00	0.000000e+00	0	0
##	[24303,]	3.364000e+05	0.000000e+00	0	0
##	[24304,]	0.000000e+00	0.000000e+00	0	0
##	[24305,]	0.000000e+00	0.000000e+00	0	0
##	[24306,]	0.000000e+00	0.000000e+00	0	0
##	[24307,]	1.381800e+08	0.000000e+00	0	0
##	[24308,]	0.000000e+00	0.000000e+00	0	0
##	[24309,]	0.000000e+00	0.000000e+00	0	0
##	[24310,]	4.000000e+00	0.000000e+00	0	0
##	[24311,]	0.000000e+00	0.000000e+00	0	0
##	[24312,]	8.468100e+04	0.000000e+00	0	0
##	[24313,]	0.000000e+00	0.000000e+00	0	0
##	[24314,]	0.000000e+00	0.000000e+00	0	0
##	[24315,]	3.678422e+07	0.000000e+00	0	0
##	[24316,]	6.305121e+06	0.000000e+00	0	0
##	[24317,]	0.000000e+00	0.000000e+00	0	0
##	[24318,]	0.000000e+00	0.000000e+00	0	0
##	[24319,]	2.640625e+06	0.000000e+00	0	0
##	[24320,]	3.660250e+05	0.000000e+00	0	0
##	[24321,]	0.000000e+00	0.000000e+00	0	0
##	[24322,]	4.329640e+05	0.000000e+00	0	0
##	[24323,]	0.000000e+00	0.000000e+00	0	0
##	[24324,]	4.000000e+00	0.000000e+00	0	0
##	[24325,]	0.000000e+00	0.000000e+00	0	0
##	[24326,]	9.704220e+07	0.000000e+00	0	0
##	[24327,]	0.000000e+00	0.000000e+00	0	0
##	[24328,]	2.410810e+05	0.000000e+00	0	0
##	[24329,]	0.000000e+00	0.000000e+00	0	0
##	[24330,]	7.733405e+08	0.000000e+00	0	0
##	[24331,]	4.000000e+00	0.000000e+00	0	0
##	[24332,]	2.500000e+01	0.000000e+00	0	0
##	[24333,]	3.906250e+05	0.000000e+00	0	0
##	[24334,]	1.000000e+00	0.000000e+00	0	0
##	[24335,]	2.106272e+08	0.000000e+00	0	0
##	[24336,]	1.000000e+00	0.000000e+00	0	0
##	[24337,]	0.000000e+00	0.000000e+00	0	0
##	[24338,]	4.356000e+07	0.000000e+00	0	0
##	[24339,]	1.473792e+07	0.000000e+00	0	0
##	[24340,]	0.000000e+00	0.000000e+00	0	0
##	[24341,]	1.587600e+06	0.000000e+00	0	0
##	[24342,]	0.000000e+00	0.000000e+00	0	0
##	[24343,]	0.000000e+00	0.000000e+00	0	0
##	[24344,]	9.447840e+05	0.000000e+00	0	0
##	[24345,]	2.500000e+01	0.000000e+00	0	0
##	[24346,]	0.000000e+00	0.000000e+00	0	0

##	[24347,]	5.480749e+08	0.000000e+00	0	0
##	[24348,]	0.000000e+00	0.000000e+00	0	0
##	[24349,]	1.790244e+06	0.000000e+00	0	0
##	[24350,]	0.000000e+00	0.000000e+00	0	0
##	[24351,]	3.610000e+02	0.000000e+00	0	0
##	[24352,]	3.332522e+09	0.000000e+00	0	0
##	[24353,]	1.000000e+02	0.000000e+00	0	0
##	[24354,]	0.000000e+00	0.000000e+00	0	0
##	[24355,]	4.000000e+00	0.000000e+00	0	0
##	[24356,]	2.211169e+06	0.000000e+00	0	0
##	[24357,]	0.000000e+00	0.000000e+00	0	0
##	[24358,]	5.965806e+08	0.000000e+00	0	0
##	[24359,]	6.400000e+01	0.000000e+00	0	0
##	[24360,]	0.000000e+00	0.000000e+00	0	0
##	[24361,]	1.449857e+08	0.000000e+00	0	0
##	[24362,]	2.500000e+01	0.000000e+00	0	0
##	[24363,]	0.000000e+00	0.000000e+00	0	0
##	[24364,]	1.000000e+00	0.000000e+00	0	0
##	[24365,]	6.073085e+07	0.000000e+00	0	0
##	[24366,]	1.751422e+07	0.000000e+00	0	0
##	[24367,]	4.000000e+00	0.000000e+00	0	0
##	[24368,]	1.000000e+00	0.000000e+00	0	0
##	[24369,]	6.079321e+07	0.000000e+00	0	0
##	[24370,]	1.000000e+02	0.000000e+00	0	0
##	[24371,]	0.000000e+00	0.000000e+00	0	0
##	[24372,]	0.000000e+00	0.000000e+00	0	0
##	[24373,]	4.000000e+00	0.000000e+00	0	0
##	[24374,]	1.276847e+09	0.000000e+00	0	0
##	[24375,]	4.510466e+07	0.000000e+00	0	0
##	[24376,]	0.000000e+00	0.000000e+00	0	0
##	[24377,]	4.883634e+09	0.000000e+00	0	0
##	[24378,]	0.000000e+00	0.000000e+00	0	0
##	[24379,]	4.153444e+06	0.000000e+00	0	0
##	[24380,]	0.000000e+00	0.000000e+00	0	0
##	[24381,]	4.840000e+02	0.000000e+00	0	0
##	[24382,]	0.000000e+00	0.000000e+00	0	0
##	[24383,]	1.108809e+06	0.000000e+00	0	0
##	[24384,]	0.000000e+00	0.000000e+00	0	0
##	[24385,]	8.410000e+02	0.000000e+00	0	0
##	[24386,]	2.691568e+08	0.000000e+00	0	0
##	[24387,]	1.310440e+05	0.000000e+00	0	0
##	[24388,]	0.000000e+00	0.000000e+00	0	0
##	[24389,]	8.094601e+07	0.000000e+00	0	0
##	[24390,]	1.043290e+05	0.000000e+00	0	0
##	[24391,]	0.000000e+00	0.000000e+00	0	0
##	[24392,]	0.000000e+00	0.000000e+00	0	0
##	[24393,]	4.625360e+07	0.000000e+00	0	0
##	[24394,]	7.182400e+04	0.000000e+00	0	0
##	[24395,]	2.065702e+07	0.000000e+00	0	0
##	[24396,]	0.000000e+00	0.000000e+00	0	0
##	[24397,]	1.176490e+05	0.000000e+00	0	0
##	[24398,]	5.083690e+05	0.000000e+00	0	0
##	[24399,]	0.000000e+00	0.000000e+00	0	0
##	[24400,]	1.029191e+09	0.000000e+00	0	0

##	[24401,]	0.000000e+00	0.000000e+00	0	0
##	[24402,]	0.000000e+00	0.000000e+00	0	0
##	[24403,]	4.840000e+02	0.000000e+00	0	0
##	[24404,]	0.000000e+00	0.000000e+00	0	0
##	[24405,]	3.062500e+04	0.000000e+00	0	0
##	[24406,]	5.864631e+08	0.000000e+00	0	0
##	[24407,]	2.433600e+06	0.000000e+00	0	0
##	[24408,]	0.000000e+00	0.000000e+00	0	0
##	[24409,]	1.637120e+08	0.000000e+00	0	0
##	[24410,]	1.262381e+07	0.000000e+00	0	0
##	[24411,]	1.669703e+09	0.000000e+00	0	0
##	[24412,]	0.000000e+00	0.000000e+00	0	0
##	[24413,]	1.000000e+00	0.000000e+00	0	0
##	[24414,]	0.000000e+00	0.000000e+00	0	0
##	[24415,]	1.960000e+02	0.000000e+00	0	0
##	[24416,]	0.000000e+00	0.000000e+00	0	0
##	[24417,]	0.000000e+00	0.000000e+00	0	0
##	[24418,]	3.856410e+05	0.000000e+00	0	0
##	[24419,]	2.304000e+03	0.000000e+00	0	0
##	[24420,]	0.000000e+00	0.000000e+00	0	0
##	[24421,]	5.035322e+07	0.000000e+00	0	0
##	[24422,]	6.115240e+05	0.000000e+00	0	0
##	[24423,]	1.654862e+07	0.000000e+00	0	0
##	[24424,]	4.369210e+05	0.000000e+00	0	0
##	[24425,]	0.000000e+00	0.000000e+00	0	0
##	[24426,]	1.722250e+05	0.000000e+00	0	0
##	[24427,]	9.492561e+06	0.000000e+00	0	0
##	[24428,]	0.000000e+00	0.000000e+00	0	0
##	[24429,]	0.000000e+00	0.000000e+00	0	0
##	[24430,]	5.354596e+06	0.000000e+00	0	0
##	[24431,]	2.401000e+05	0.000000e+00	0	0
##	[24432,]	0.000000e+00	0.000000e+00	0	0
##	[24433,]	5.608371e+08	0.000000e+00	0	0
##	[24434,]	1.338649e+06	0.000000e+00	0	0
##	[24435,]	1.960000e+02	0.000000e+00	0	0
##	[24436,]	1.000000e+00	0.000000e+00	0	0
##	[24437,]	0.000000e+00	0.000000e+00	0	0
##	[24438,]	1.159498e+08	0.000000e+00	0	0
##	[24439,]	8.122500e+04	0.000000e+00	0	0
##	[24440,]	0.000000e+00	0.000000e+00	0	0
##	[24441,]	0.000000e+00	0.000000e+00	0	0
##	[24442,]	9.078169e+06	0.000000e+00	0	0
##	[24443,]	4.812197e+07	0.000000e+00	0	0
##	[24444,]	8.789446e+08	0.000000e+00	0	0
##	[24445,]	0.000000e+00	0.000000e+00	0	0
##	[24446,]	2.039184e+06	0.000000e+00	0	0
##	[24447,]	0.000000e+00	0.000000e+00	0	0
##	[24448,]	4.900000e+01	0.000000e+00	0	0
##	[24449,]	0.000000e+00	0.000000e+00	0	0
##	[24450,]	1.560250e+05	0.000000e+00	0	0
##	[24451,]	0.000000e+00	0.000000e+00	0	0
##	[24452,]	1.600000e+03	0.000000e+00	0	0
##	[24453,]	0.000000e+00	0.000000e+00	0	0
##	[24454,]	2.102222e+07	0.000000e+00	0	0

##	[24455,]	1.421290e+05	0.000000e+00	0	0
##	[24456,]	0.000000e+00	0.000000e+00	0	0
##	[24457,]	6.451600e+06	0.000000e+00	0	0
##	[24458,]	6.150400e+04	0.000000e+00	0	0
##	[24459,]	0.000000e+00	0.000000e+00	0	0
##	[24460,]	4.000000e+06	0.000000e+00	0	0
##	[24461,]	2.528100e+04	0.000000e+00	0	0
##	[24462,]	0.000000e+00	0.000000e+00	0	0
##	[24463,]	3.276100e+04	0.000000e+00	0	0
##	[24464,]	2.050624e+06	0.000000e+00	0	0
##	[24465,]	0.000000e+00	0.000000e+00	0	0
##	[24466,]	3.495030e+08	0.000000e+00	0	0
##	[24467,]	1.789290e+05	0.000000e+00	0	0
##	[24468,]	4.900000e+01	0.000000e+00	0	0
##	[24469,]	0.000000e+00	0.000000e+00	0	0
##	[24470,]	0.000000e+00	0.000000e+00	0	0
##	[24471,]	1.188100e+04	0.000000e+00	0	0
##	[24472,]	0.000000e+00	0.000000e+00	0	0
##	[24473,]	4.135776e+07	0.000000e+00	0	0
##	[24474,]	0.000000e+00	0.000000e+00	0	0
##	[24475,]	1.134225e+06	0.000000e+00	0	0
##	[24476,]	2.427533e+07	0.000000e+00	0	0
##	[24477,]	3.676806e+08	0.000000e+00	0	0
##	[24478,]	1.705690e+07	0.000000e+00	0	0
##	[24479,]	0.000000e+00	0.000000e+00	0	0
##	[24480,]	9.000000e+00	0.000000e+00	0	0
##	[24481,]	0.000000e+00	0.000000e+00	0	0
##	[24482,]	4.000000e+00	0.000000e+00	0	0
##	[24483,]	0.000000e+00	0.000000e+00	0	0
##	[24484,]	0.000000e+00	0.000000e+00	0	0
##	[24485,]	2.025000e+03	0.000000e+00	0	0
##	[24486,]	6.150400e+04	0.000000e+00	0	0
##	[24487,]	0.000000e+00	0.000000e+00	0	0
##	[24488,]	1.000000e+00	0.000000e+00	0	0
##	[24489,]	3.445690e+05	0.000000e+00	0	0
##	[24490,]	0.000000e+00	0.000000e+00	0	0
##	[24491,]	1.049112e+07	0.000000e+00	0	0
##	[24492,]	0.000000e+00	0.000000e+00	0	0
##	[24493,]	1.324960e+05	0.000000e+00	0	0
##	[24494,]	0.000000e+00	0.000000e+00	0	0
##	[24495,]	2.518569e+06	0.000000e+00	0	0
##	[24496,]	0.000000e+00	0.000000e+00	0	0
##	[24497,]	0.000000e+00	0.000000e+00	0	0
##	[24498,]	1.011240e+05	0.000000e+00	0	0
##	[24499,]	1.481089e+06	0.000000e+00	0	0
##	[24500,]	1.000000e+00	0.000000e+00	0	0
##	[24501,]	1.616040e+05	0.000000e+00	0	0
##	[24502,]	9.900250e+05	0.000000e+00	0	0
##	[24503,]	1.413483e+08	0.000000e+00	0	0
##	[24504,]	1.000000e+00	0.000000e+00	0	0
##	[24505,]	5.827396e+06	0.000000e+00	0	0
##	[24506,]	0.000000e+00	0.000000e+00	0	0
##	[24507,]	4.000000e+00	0.000000e+00	0	0
##	[24508,]	0.000000e+00	0.000000e+00	0	0

##	[24509,]	8.179600e+04	0.000000e+00	0	0
##	[24510,]	1.966036e+07	0.000000e+00	0	0
##	[24511,]	0.000000e+00	0.000000e+00	0	0
##	[24512,]	0.000000e+00	0.000000e+00	0	0
##	[24513,]	6.205081e+06	0.000000e+00	0	0
##	[24514,]	2.624400e+06	0.000000e+00	0	0
##	[24515,]	9.081182e+08	0.000000e+00	0	0
##	[24516,]	0.000000e+00	0.000000e+00	0	0
##	[24517,]	1.000000e+00	0.000000e+00	0	0
##	[24518,]	5.431690e+07	0.000000e+00	0	0
##	[24519,]	0.000000e+00	0.000000e+00	0	0
##	[24520,]	1.690000e+02	0.000000e+00	0	0
##	[24521,]	4.000000e+00	0.000000e+00	0	0
##	[24522,]	0.000000e+00	0.000000e+00	0	0
##	[24523,]	1.883560e+05	0.000000e+00	0	0
##	[24524,]	6.724000e+03	0.000000e+00	0	0
##	[24525,]	0.000000e+00	0.000000e+00	0	0
##	[24526,]	1.324801e+06	0.000000e+00	0	0
##	[24527,]	2.983344e+07	0.000000e+00	0	0
##	[24528,]	0.000000e+00	0.000000e+00	0	0
##	[24529,]	0.000000e+00	0.000000e+00	0	0
##	[24530,]	0.000000e+00	0.000000e+00	0	0
##	[24531,]	4.705960e+05	0.000000e+00	0	0
##	[24532,]	9.054081e+06	0.000000e+00	0	0
##	[24533,]	0.000000e+00	0.000000e+00	0	0
##	[24534,]	5.354596e+06	0.000000e+00	0	0
##	[24535,]	0.000000e+00	0.000000e+00	0	0
##	[24536,]	0.000000e+00	0.000000e+00	0	0
##	[24537,]	2.745760e+05	0.000000e+00	0	0
##	[24538,]	0.000000e+00	0.000000e+00	0	0
##	[24539,]	1.000000e+00	0.000000e+00	0	0
##	[24540,]	4.872040e+05	0.000000e+00	0	0
##	[24541,]	3.097600e+06	0.000000e+00	0	0
##	[24542,]	0.000000e+00	0.000000e+00	0	0
##	[24543,]	1.788444e+07	0.000000e+00	0	0
##	[24544,]	2.943283e+08	0.000000e+00	0	0
##	[24545,]	4.000000e+00	0.000000e+00	0	0
##	[24546,]	1.690000e+02	0.000000e+00	0	0
##	[24547,]	4.440890e+07	0.000000e+00	0	0
##	[24548,]	8.686240e+05	0.000000e+00	0	0
##	[24549,]	0.000000e+00	0.000000e+00	0	0
##	[24550,]	0.000000e+00	0.000000e+00	0	0
##	[24551,]	5.948721e+06	0.000000e+00	0	0
##	[24552,]	1.779152e+07	0.000000e+00	0	0
##	[24553,]	1.000000e+00	0.000000e+00	0	0
##	[24554,]	0.000000e+00	0.000000e+00	0	0
##	[24555,]	2.667619e+09	0.000000e+00	0	0
##	[24556,]	2.250000e+04	0.000000e+00	0	0
##	[24557,]	5.748672e+07	0.000000e+00	0	0
##	[24558,]	4.000000e+00	0.000000e+00	0	0
##	[24559,]	2.601000e+03	0.000000e+00	0	0
##	[24560,]	9.025000e+03	0.000000e+00	0	0
##	[24561,]	0.000000e+00	0.000000e+00	0	0
##	[24562,]	1.000000e+00	0.000000e+00	0	0

##	[24563,]	5.944410e+05	0.000000e+00	0	0
##	[24564,]	1.125721e+06	0.000000e+00	0	0
##	[24565,]	3.136000e+03	0.000000e+00	0	0
##	[24566,]	0.000000e+00	0.000000e+00	0	0
##	[24567,]	7.373657e+07	0.000000e+00	0	0
##	[24568,]	0.000000e+00	0.000000e+00	0	0
##	[24569,]	8.410000e+02	0.000000e+00	0	0
##	[24570,]	1.857610e+07	0.000000e+00	0	0
##	[24571,]	2.970250e+05	0.000000e+00	0	0
##	[24572,]	2.450250e+05	0.000000e+00	0	0
##	[24573,]	0.000000e+00	0.000000e+00	0	0
##	[24574,]	2.890000e+02	0.000000e+00	0	0
##	[24575,]	1.168956e+07	0.000000e+00	0	0
##	[24576,]	7.584516e+06	0.000000e+00	0	0
##	[24577,]	8.630410e+05	0.000000e+00	0	0
##	[24578,]	1.960000e+02	0.000000e+00	0	0
##	[24579,]	1.011749e+09	0.000000e+00	0	0
##	[24580,]	1.089000e+03	0.000000e+00	0	0
##	[24581,]	1.986485e+07	0.000000e+00	0	0
##	[24582,]	2.601000e+03	0.000000e+00	0	0
##	[24583,]	4.000000e+00	0.000000e+00	0	0
##	[24584,]	5.184000e+03	0.000000e+00	0	0
##	[24585,]	1.211320e+08	0.000000e+00	0	0
##	[24586,]	9.564840e+05	0.000000e+00	0	0
##	[24587,]	5.760000e+02	0.000000e+00	0	0
##	[24588,]	6.320196e+06	0.000000e+00	0	0
##	[24589,]	1.717274e+07	0.000000e+00	0	0
##	[24590,]	0.000000e+00	0.000000e+00	0	0
##	[24591,]	1.221502e+07	0.000000e+00	0	0
##	[24592,]	3.058090e+05	0.000000e+00	0	0
##	[24593,]	6.705972e+09	0.000000e+00	0	0
##	[24594,]	1.440000e+02	0.000000e+00	0	0
##	[24595,]	1.000000e+00	0.000000e+00	0	0
##	[24596,]	6.922240e+05	0.000000e+00	0	0
##	[24597,]	3.600000e+01	0.000000e+00	0	0
##	[24598,]	2.704000e+03	0.000000e+00	0	0
##	[24599,]	0.000000e+00	0.000000e+00	0	0
##	[24600,]	2.624400e+04	0.000000e+00	0	0
##	[24601,]	3.158440e+05	0.000000e+00	0	0
##	[24602,]	1.874709e+08	0.000000e+00	0	0
##	[24603,]	0.000000e+00	0.000000e+00	0	0
##	[24604,]	9.704220e+07	0.000000e+00	0	0
##	[24605,]	0.000000e+00	0.000000e+00	0	0
##	[24606,]	1.011240e+05	0.000000e+00	0	0
##	[24607,]	8.464000e+03	0.000000e+00	0	0
##	[24608,]	1.849000e+03	0.000000e+00	0	0
##	[24609,]	1.004890e+05	0.000000e+00	0	0
##	[24610,]	8.132432e+07	0.000000e+00	0	0
##	[24611,]	7.290000e+02	0.000000e+00	0	0
##	[24612,]	2.034010e+05	0.000000e+00	0	0
##	[24613,]	2.569930e+08	0.000000e+00	0	0
##	[24614,]	0.000000e+00	0.000000e+00	0	0
##	[24615,]	1.054041e+09	0.000000e+00	0	0
##	[24616,]	3.222025e+06	0.000000e+00	0	0

##	[24617,]	4.972900e+04	0.000000e+00	0	0
##	[24618,]	1.440000e+02	0.000000e+00	0	0
##	[24619,]	1.000000e+00	0.000000e+00	0	0
##	[24620,]	1.953640e+05	0.000000e+00	0	0
##	[24621,]	7.507600e+04	0.000000e+00	0	0
##	[24622,]	2.076193e+08	0.000000e+00	0	0
##	[24623,]	1.432809e+06	0.000000e+00	0	0
##	[24624,]	4.410000e+02	0.000000e+00	0	0
##	[24625,]	1.496916e+07	0.000000e+00	0	0
##	[24626,]	0.000000e+00	0.000000e+00	0	0
##	[24627,]	1.856951e+08	0.000000e+00	0	0
##	[24628,]	9.409000e+03	0.000000e+00	0	0
##	[24629,]	1.461173e+10	0.000000e+00	0	0
##	[24630,]	1.000000e+00	0.000000e+00	0	0
##	[24631,]	1.764000e+03	0.000000e+00	0	0
##	[24632,]	2.512225e+06	0.000000e+00	0	0
##	[24633,]	1.488400e+04	0.000000e+00	0	0
##	[24634,]	0.000000e+00	0.000000e+00	0	0
##	[24635,]	0.000000e+00	0.000000e+00	0	0
##	[24636,]	0.000000e+00	0.000000e+00	0	0
##	[24637,]	3.904576e+08	0.000000e+00	0	0
##	[24638,]	2.560000e+02	0.000000e+00	0	0
##	[24639,]	5.134756e+06	0.000000e+00	0	0
##	[24640,]	6.400000e+01	0.000000e+00	0	0
##	[24641,]	1.929321e+06	0.000000e+00	0	0
##	[24642,]	1.753770e+08	0.000000e+00	0	0
##	[24643,]	0.000000e+00	0.000000e+00	0	0
##	[24644,]	0.000000e+00	0.000000e+00	0	0
##	[24645,]	1.960000e+02	0.000000e+00	0	0
##	[24646,]	1.074954e+08	0.000000e+00	0	0
##	[24647,]	1.929321e+06	0.000000e+00	0	0
##	[24648,]	2.818760e+09	0.000000e+00	0	0
##	[24649,]	0.000000e+00	0.000000e+00	0	0
##	[24650,]	1.637012e+07	0.000000e+00	0	0
##	[24651,]	1.156000e+03	0.000000e+00	0	0
##	[24652,]	5.212546e+08	0.000000e+00	0	0
##	[24653,]	1.949222e+07	0.000000e+00	0	0
##	[24654,]	6.250000e+02	0.000000e+00	0	0
##	[24655,]	1.000000e+00	0.000000e+00	0	0
##	[24656,]	1.764000e+03	0.000000e+00	0	0
##	[24657,]	1.760929e+06	0.000000e+00	0	0
##	[24658,]	2.250000e+02	0.000000e+00	0	0
##	[24659,]	1.937664e+08	0.000000e+00	0	0
##	[24660,]	6.400000e+01	0.000000e+00	0	0
##	[24661,]	3.928324e+06	0.000000e+00	0	0
##	[24662,]	8.031556e+06	0.000000e+00	0	0
##	[24663,]	3.375304e+08	0.000000e+00	0	0
##	[24664,]	0.000000e+00	0.000000e+00	0	0
##	[24665,]	2.125210e+05	0.000000e+00	0	0
##	[24666,]	1.595700e+10	0.000000e+00	0	0
##	[24667,]	0.000000e+00	0.000000e+00	0	0
##	[24668,]	1.000000e+00	0.000000e+00	0	0
##	[24669,]	9.610000e+02	0.000000e+00	0	0
##	[24670,]	0.000000e+00	0.000000e+00	0	0

##	[24671,]	3.802500e+04	0.000000e+00	0	0
##	[24672,]	2.500000e+01	0.000000e+00	0	0
##	[24673,]	4.426816e+06	0.000000e+00	0	0
##	[24674,]	1.849000e+03	0.000000e+00	0	0
##	[24675,]	0.000000e+00	0.000000e+00	0	0
##	[24676,]	1.555514e+07	0.000000e+00	0	0
##	[24677,]	3.620648e+08	0.000000e+00	0	0
##	[24678,]	1.519796e+08	0.000000e+00	0	0
##	[24679,]	0.000000e+00	0.000000e+00	0	0
##	[24680,]	9.610000e+02	0.000000e+00	0	0
##	[24681,]	5.616900e+06	0.000000e+00	0	0
##	[24682,]	0.000000e+00	0.000000e+00	0	0
##	[24683,]	1.521000e+03	0.000000e+00	0	0
##	[24684,]	2.399401e+06	0.000000e+00	0	0
##	[24685,]	6.206288e+07	0.000000e+00	0	0
##	[24686,]	5.664068e+07	0.000000e+00	0	0
##	[24687,]	0.000000e+00	0.000000e+00	0	0
##	[24688,]	3.802500e+04	0.000000e+00	0	0
##	[24689,]	5.084688e+09	0.000000e+00	0	0
##	[24690,]	7.772944e+06	0.000000e+00	0	0
##	[24691,]	2.190400e+04	0.000000e+00	0	0
##	[24692,]	1.870330e+08	0.000000e+00	0	0
##	[24693,]	0.000000e+00	0.000000e+00	0	0
##	[24694,]	9.610000e+02	0.000000e+00	0	0
##	[24695,]	1.000000e+00	0.000000e+00	0	0
##	[24696,]	5.476000e+03	0.000000e+00	0	0
##	[24697,]	1.774224e+06	0.000000e+00	0	0
##	[24698,]	0.000000e+00	0.000000e+00	0	0
##	[24699,]	1.973744e+08	0.000000e+00	0	0
##	[24700,]	9.610000e+02	0.000000e+00	0	0
##	[24701,]	6.589489e+06	0.000000e+00	0	0
##	[24702,]	5.817744e+06	0.000000e+00	0	0
##	[24703,]	3.636090e+05	0.000000e+00	0	0
##	[24704,]	1.298665e+10	0.000000e+00	0	0
##	[24705,]	8.630669e+08	0.000000e+00	0	0
##	[24706,]	0.000000e+00	0.000000e+00	0	0
##	[24707,]	1.000000e+00	0.000000e+00	0	0
##	[24708,]	8.100000e+01	0.000000e+00	0	0
##	[24709,]	2.304000e+03	0.000000e+00	0	0
##	[24710,]	1.600000e+01	0.000000e+00	0	0
##	[24711,]	1.823290e+05	0.000000e+00	0	0
##	[24712,]	0.000000e+00	0.000000e+00	0	0
##	[24713,]	1.946025e+06	0.000000e+00	0	0
##	[24714,]	3.176237e+08	0.000000e+00	0	0
##	[24715,]	3.721000e+03	0.000000e+00	0	0
##	[24716,]	0.000000e+00	0.000000e+00	0	0
##	[24717,]	3.379097e+07	0.000000e+00	0	0
##	[24718,]	2.401000e+03	0.000000e+00	0	0
##	[24719,]	0.000000e+00	0.000000e+00	0	0
##	[24720,]	1.366795e+08	0.000000e+00	0	0
##	[24721,]	1.352033e+07	0.000000e+00	0	0
##	[24722,]	3.600000e+03	0.000000e+00	0	0
##	[24723,]	5.083690e+07	0.000000e+00	0	0
##	[24724,]	5.017600e+06	0.000000e+00	0	0

##	[24725,]	5.428900e+04	0.000000e+00	0	0
##	[24726,]	4.517991e+09	0.000000e+00	0	0
##	[24727,]	2.054922e+08	0.000000e+00	0	0
##	[24728,]	3.841600e+04	0.000000e+00	0	0
##	[24729,]	8.328996e+06	0.000000e+00	0	0
##	[24730,]	7.577702e+07	0.000000e+00	0	0
##	[24731,]	8.100000e+01	0.000000e+00	0	0
##	[24732,]	2.304000e+03	0.000000e+00	0	0
##	[24733,]	1.000000e+00	0.000000e+00	0	0
##	[24734,]	2.304000e+03	0.000000e+00	0	0
##	[24735,]	6.558721e+06	0.000000e+00	0	0
##	[24736,]	1.125933e+08	0.000000e+00	0	0
##	[24737,]	0.000000e+00	0.000000e+00	0	0
##	[24738,]	4.906225e+06	0.000000e+00	0	0
##	[24739,]	1.690000e+02	0.000000e+00	0	0
##	[24740,]	7.033104e+06	0.000000e+00	0	0
##	[24741,]	3.143884e+08	0.000000e+00	0	0
##	[24742,]	0.000000e+00	0.000000e+00	0	0
##	[24743,]	4.286976e+09	0.000000e+00	0	0
##	[24744,]	7.744000e+05	0.000000e+00	0	0
##	[24745,]	0.000000e+00	0.000000e+00	0	0
##	[24746,]	0.000000e+00	0.000000e+00	0	0
##	[24747,]	3.610000e+02	0.000000e+00	0	0
##	[24748,]	1.600000e+01	0.000000e+00	0	0
##	[24749,]	1.373584e+06	0.000000e+00	0	0
##	[24750,]	0.000000e+00	0.000000e+00	0	0
##	[24751,]	8.940100e+04	0.000000e+00	0	0
##	[24752,]	7.290000e+02	0.000000e+00	0	0
##	[24753,]	0.000000e+00	0.000000e+00	0	0
##	[24754,]	1.440962e+07	0.000000e+00	0	0
##	[24755,]	7.617600e+04	0.000000e+00	0	0
##	[24756,]	1.346528e+08	0.000000e+00	0	0
##	[24757,]	1.000000e+04	0.000000e+00	0	0
##	[24758,]	4.222400e+07	0.000000e+00	0	0
##	[24759,]	3.968064e+06	0.000000e+00	0	0
##	[24760,]	0.000000e+00	0.000000e+00	0	0
##	[24761,]	8.100000e+03	0.000000e+00	0	0
##	[24762,]	2.556801e+06	0.000000e+00	0	0
##	[24763,]	4.645786e+07	0.000000e+00	0	0
##	[24764,]	0.000000e+00	0.000000e+00	0	0
##	[24765,]	1.176284e+09	0.000000e+00	0	0
##	[24766,]	6.509262e+07	0.000000e+00	0	0
##	[24767,]	0.000000e+00	0.000000e+00	0	0
##	[24768,]	3.920400e+04	0.000000e+00	0	0
##	[24769,]	2.588774e+07	0.000000e+00	0	0
##	[24770,]	3.908529e+06	0.000000e+00	0	0
##	[24771,]	3.572100e+04	0.000000e+00	0	0
##	[24772,]	0.000000e+00	0.000000e+00	0	0
##	[24773,]	0.000000e+00	0.000000e+00	0	0
##	[24774,]	1.600000e+01	0.000000e+00	0	0
##	[24775,]	3.610000e+02	0.000000e+00	0	0
##	[24776,]	7.761610e+05	0.000000e+00	0	0
##	[24777,]	0.000000e+00	0.000000e+00	0	0
##	[24778,]	4.213308e+07	0.000000e+00	0	0

##	[24779,]	3.600000e+03	0.000000e+00	0	0
##	[24780,]	2.732409e+06	0.000000e+00	0	0
##	[24781,]	7.022500e+04	0.000000e+00	0	0
##	[24782,]	2.951524e+06	0.000000e+00	0	0
##	[24783,]	4.794786e+08	0.000000e+00	0	0
##	[24784,]	1.324523e+09	0.000000e+00	0	0
##	[24785,]	0.000000e+00	0.000000e+00	0	0
##	[24786,]	1.016064e+06	0.000000e+00	0	0
##	[24787,]	0.000000e+00	0.000000e+00	0	0
##	[24788,]	3.240000e+02	0.000000e+00	0	0
##	[24789,]	0.000000e+00	0.000000e+00	0	0
##	[24790,]	1.000000e+00	0.000000e+00	0	0
##	[24791,]	7.672900e+04	0.000000e+00	0	0
##	[24792,]	4.529290e+05	0.000000e+00	0	0
##	[24793,]	3.610000e+02	0.000000e+00	0	0
##	[24794,]	0.000000e+00	0.000000e+00	0	0
##	[24795,]	7.187648e+07	0.000000e+00	0	0
##	[24796,]	0.000000e+00	0.000000e+00	0	0
##	[24797,]	1.676084e+07	0.000000e+00	0	0
##	[24798,]	6.916900e+04	0.000000e+00	0	0
##	[24799,]	3.888784e+06	0.000000e+00	0	0
##	[24800,]	2.386322e+07	0.000000e+00	0	0
##	[24801,]	2.560000e+04	0.000000e+00	0	0
##	[24802,]	0.000000e+00	0.000000e+00	0	0
##	[24803,]	5.121169e+06	0.000000e+00	0	0
##	[24804,]	0.000000e+00	0.000000e+00	0	0
##	[24805,]	1.913188e+07	0.000000e+00	0	0
##	[24806,]	1.123600e+04	0.000000e+00	0	0
##	[24807,]	2.531599e+08	0.000000e+00	0	0
##	[24808,]	7.896100e+04	0.000000e+00	0	0
##	[24809,]	1.186574e+08	0.000000e+00	0	0
##	[24810,]	0.000000e+00	0.000000e+00	0	0
##	[24811,]	4.297329e+06	0.000000e+00	0	0
##	[24812,]	3.204100e+04	0.000000e+00	0	0
##	[24813,]	0.000000e+00	0.000000e+00	0	0
##	[24814,]	5.750404e+06	0.000000e+00	0	0
##	[24815,]	1.000000e+00	0.000000e+00	0	0
##	[24816,]	3.240000e+02	0.000000e+00	0	0
##	[24817,]	0.000000e+00	0.000000e+00	0	0
##	[24818,]	0.000000e+00	0.000000e+00	0	0
##	[24819,]	9.980010e+05	0.000000e+00	0	0
##	[24820,]	1.537600e+04	0.000000e+00	0	0
##	[24821,]	1.098260e+07	0.000000e+00	0	0
##	[24822,]	0.000000e+00	0.000000e+00	0	0
##	[24823,]	8.667610e+05	0.000000e+00	0	0
##	[24824,]	6.400000e+01	0.000000e+00	0	0
##	[24825,]	5.402250e+05	0.000000e+00	0	0
##	[24826,]	1.486874e+07	0.000000e+00	0	0
##	[24827,]	0.000000e+00	0.000000e+00	0	0
##	[24828,]	4.561642e+08	0.000000e+00	0	0
##	[24829,]	1.627921e+08	0.000000e+00	0	0
##	[24830,]	0.000000e+00	0.000000e+00	0	0
##	[24831,]	5.290000e+02	0.000000e+00	0	0
##	[24832,]	2.500000e+01	0.000000e+00	0	0

##	[24833,]	0.000000e+00	0.000000e+00	0	0
##	[24834,]	2.079360e+05	0.000000e+00	0	0
##	[24835,]	2.304000e+03	0.000000e+00	0	0
##	[24836,]	2.102500e+04	0.000000e+00	0	0
##	[24837,]	2.470090e+07	0.000000e+00	0	0
##	[24838,]	3.091360e+05	0.000000e+00	0	0
##	[24839,]	1.809025e+06	0.000000e+00	0	0
##	[24840,]	0.000000e+00	0.000000e+00	0	0
##	[24841,]	9.247681e+06	0.000000e+00	0	0
##	[24842,]	1.436410e+05	0.000000e+00	0	0
##	[24843,]	5.446440e+05	0.000000e+00	0	0
##	[24844,]	0.000000e+00	0.000000e+00	0	0
##	[24845,]	1.320596e+07	0.000000e+00	0	0
##	[24846,]	2.660161e+06	0.000000e+00	0	0
##	[24847,]	0.000000e+00	0.000000e+00	0	0
##	[24848,]	1.260250e+05	0.000000e+00	0	0
##	[24849,]	5.186880e+07	0.000000e+00	0	0
##	[24850,]	1.580049e+06	0.000000e+00	0	0
##	[24851,]	0.000000e+00	0.000000e+00	0	0
##	[24852,]	6.551284e+07	0.000000e+00	0	0
##	[24853,]	0.000000e+00	0.000000e+00	0	0
##	[24854,]	1.590121e+06	0.000000e+00	0	0
##	[24855,]	2.883204e+06	0.000000e+00	0	0
##	[24856,]	1.352569e+06	0.000000e+00	0	0
##	[24857,]	2.500000e+01	0.000000e+00	0	0
##	[24858,]	5.290000e+02	0.000000e+00	0	0
##	[24859,]	0.000000e+00	0.000000e+00	0	0
##	[24860,]	4.443664e+06	0.000000e+00	0	0
##	[24861,]	1.722250e+05	0.000000e+00	0	0
##	[24862,]	1.339560e+05	0.000000e+00	0	0
##	[24863,]	3.918760e+05	0.000000e+00	0	0
##	[24864,]	0.000000e+00	0.000000e+00	0	0
##	[24865,]	9.424900e+04	0.000000e+00	0	0
##	[24866,]	7.398400e+04	0.000000e+00	0	0
##	[24867,]	1.310567e+08	0.000000e+00	0	0
##	[24868,]	0.000000e+00	0.000000e+00	0	0
##	[24869,]	1.159068e+08	0.000000e+00	0	0
##	[24870,]	2.451416e+08	0.000000e+00	0	0
##	[24871,]	0.000000e+00	0.000000e+00	0	0
##	[24872,]	1.000000e+00	0.000000e+00	0	0
##	[24873,]	6.760000e+02	0.000000e+00	0	0
##	[24874,]	1.000000e+00	0.000000e+00	0	0
##	[24875,]	1.904400e+04	0.000000e+00	0	0
##	[24876,]	0.000000e+00	0.000000e+00	0	0
##	[24877,]	1.281640e+05	0.000000e+00	0	0
##	[24878,]	2.592100e+04	0.000000e+00	0	0
##	[24879,]	1.387684e+06	0.000000e+00	0	0
##	[24880,]	4.343056e+06	0.000000e+00	0	0
##	[24881,]	9.616201e+06	0.000000e+00	0	0
##	[24882,]	0.000000e+00	0.000000e+00	0	0
##	[24883,]	5.169610e+05	0.000000e+00	0	0
##	[24884,]	0.000000e+00	0.000000e+00	0	0
##	[24885,]	2.729104e+06	0.000000e+00	0	0
##	[24886,]	1.758276e+06	0.000000e+00	0	0

##	[24887,]	5.934096e+06	0.000000e+00	0	0
##	[24888,]	2.411809e+06	0.000000e+00	0	0
##	[24889,]	0.000000e+00	0.000000e+00	0	0
##	[24890,]	2.047761e+06	0.000000e+00	0	0
##	[24891,]	1.005524e+07	0.000000e+00	0	0
##	[24892,]	1.884428e+07	0.000000e+00	0	0
##	[24893,]	3.328136e+07	0.000000e+00	0	0
##	[24894,]	0.000000e+00	0.000000e+00	0	0
##	[24895,]	1.985281e+06	0.000000e+00	0	0
##	[24896,]	0.000000e+00	0.000000e+00	0	0
##	[24897,]	5.329000e+05	0.000000e+00	0	0
##	[24898,]	3.986660e+07	0.000000e+00	0	0
##	[24899,]	6.760000e+02	0.000000e+00	0	0
##	[24900,]	1.000000e+00	0.000000e+00	0	0
##	[24901,]	1.000000e+00	0.000000e+00	0	0
##	[24902,]	2.402500e+06	0.000000e+00	0	0
##	[24903,]	9.672100e+04	0.000000e+00	0	0
##	[24904,]	0.000000e+00	0.000000e+00	0	0
##	[24905,]	2.414916e+06	0.000000e+00	0	0
##	[24906,]	5.193841e+06	0.000000e+00	0	0
##	[24907,]	0.000000e+00	0.000000e+00	0	0
##	[24908,]	1.560250e+05	0.000000e+00	0	0
##	[24909,]	3.192250e+05	0.000000e+00	0	0
##	[24910,]	9.747613e+07	0.000000e+00	0	0
##	[24911,]	4.929163e+09	0.000000e+00	0	0
##	[24912,]	0.000000e+00	0.000000e+00	0	0
##	[24913,]	5.582824e+08	0.000000e+00	0	0
##	[24914,]	0.000000e+00	0.000000e+00	0	0
##	[24915,]	0.000000e+00	0.000000e+00	0	0
##	[24916,]	1.024000e+03	0.000000e+00	0	0
##	[24917,]	1.600000e+01	0.000000e+00	0	0
##	[24918,]	4.000000e+00	0.000000e+00	0	0
##	[24919,]	0.000000e+00	0.000000e+00	0	0
##	[24920,]	1.932100e+04	0.000000e+00	0	0
##	[24921,]	4.243600e+04	0.000000e+00	0	0
##	[24922,]	9.389610e+05	0.000000e+00	0	0
##	[24923,]	1.389805e+08	0.000000e+00	0	0
##	[24924,]	1.690854e+07	0.000000e+00	0	0
##	[24925,]	0.000000e+00	0.000000e+00	0	0
##	[24926,]	2.325625e+06	0.000000e+00	0	0
##	[24927,]	7.726410e+05	0.000000e+00	0	0
##	[24928,]	0.000000e+00	0.000000e+00	0	0
##	[24929,]	6.538249e+06	0.000000e+00	0	0
##	[24930,]	5.794254e+07	0.000000e+00	0	0
##	[24931,]	1.302109e+08	0.000000e+00	0	0
##	[24932,]	0.000000e+00	0.000000e+00	0	0
##	[24933,]	3.504384e+06	0.000000e+00	0	0
##	[24934,]	6.901129e+06	0.000000e+00	0	0
##	[24935,]	2.144616e+07	0.000000e+00	0	0
##	[24936,]	1.200276e+09	0.000000e+00	0	0
##	[24937,]	4.681296e+07	0.000000e+00	0	0
##	[24938,]	0.000000e+00	0.000000e+00	0	0
##	[24939,]	5.305666e+07	0.000000e+00	0	0
##	[24940,]	6.839290e+05	0.000000e+00	0	0

##	[24941,]	1.430352e+07	0.000000e+00	0	0
##	[24942,]	0.000000e+00	0.000000e+00	0	0
##	[24943,]	1.024000e+03	0.000000e+00	0	0
##	[24944,]	4.000000e+00	0.000000e+00	0	0
##	[24945,]	1.600000e+01	0.000000e+00	0	0
##	[24946,]	6.031936e+06	0.000000e+00	0	0
##	[24947,]	2.209000e+05	0.000000e+00	0	0
##	[24948,]	0.000000e+00	0.000000e+00	0	0
##	[24949,]	2.304960e+07	0.000000e+00	0	0
##	[24950,]	4.088484e+06	0.000000e+00	0	0
##	[24951,]	0.000000e+00	0.000000e+00	0	0
##	[24952,]	5.929225e+06	0.000000e+00	0	0
##	[24953,]	8.880400e+04	0.000000e+00	0	0
##	[24954,]	2.378610e+09	0.000000e+00	0	0
##	[24955,]	2.395654e+10	0.000000e+00	0	0
##	[24956,]	0.000000e+00	0.000000e+00	0	0
##	[24957,]	3.839248e+08	0.000000e+00	0	0
##	[24958,]	0.000000e+00	0.000000e+00	0	0
##	[24959,]	0.000000e+00	0.000000e+00	0	0
##	[24960,]	4.000000e+00	0.000000e+00	0	0
##	[24961,]	1.000000e+00	0.000000e+00	0	0
##	[24962,]	6.400000e+03	0.000000e+00	0	0
##	[24963,]	1.115560e+05	0.000000e+00	0	0
##	[24964,]	0.000000e+00	0.000000e+00	0	0
##	[24965,]	5.244100e+04	0.000000e+00	0	0
##	[24966,]	4.044121e+06	0.000000e+00	0	0
##	[24967,]	9.172418e+08	0.000000e+00	0	0
##	[24968,]	0.000000e+00	0.000000e+00	0	0
##	[24969,]	6.235009e+06	0.000000e+00	0	0
##	[24970,]	5.235970e+07	0.000000e+00	0	0
##	[24971,]	3.020644e+06	0.000000e+00	0	0
##	[24972,]	4.949122e+07	0.000000e+00	0	0
##	[24973,]	0.000000e+00	0.000000e+00	0	0
##	[24974,]	3.395912e+08	0.000000e+00	0	0
##	[24975,]	3.143845e+07	0.000000e+00	0	0
##	[24976,]	0.000000e+00	0.000000e+00	0	0
##	[24977,]	5.679130e+07	0.000000e+00	0	0
##	[24978,]	1.063477e+09	0.000000e+00	0	0
##	[24979,]	2.641600e+08	0.000000e+00	0	0
##	[24980,]	4.551256e+09	0.000000e+00	0	0
##	[24981,]	6.885680e+07	0.000000e+00	0	0
##	[24982,]	0.000000e+00	0.000000e+00	0	0
##	[24983,]	1.500625e+06	0.000000e+00	0	0
##	[24984,]	1.076821e+08	0.000000e+00	0	0
##	[24985,]	0.000000e+00	0.000000e+00	0	0
##	[24986,]	1.584040e+07	0.000000e+00	0	0
##	[24987,]	4.000000e+00	0.000000e+00	0	0
##	[24988,]	1.000000e+00	0.000000e+00	0	0
##	[24989,]	6.400000e+03	0.000000e+00	0	0
##	[24990,]	0.000000e+00	0.000000e+00	0	0
##	[24991,]	6.889000e+05	0.000000e+00	0	0
##	[24992,]	4.137156e+06	0.000000e+00	0	0
##	[24993,]	6.250484e+07	0.000000e+00	0	0
##	[24994,]	0.000000e+00	0.000000e+00	0	0

```
## [24995,] 2.391210e+05 0.000000e+00 0 0
## [24996,] 7.279204e+06 0.000000e+00 0 0
## [24997,] 1.174433e+07 0.000000e+00 0 0
## [24998,] 3.046819e+09 0.000000e+00 0 0
## [24999,] 1.977961e+08 0.000000e+00 0 0
## [ reached getOption("max.print") -- omitted 504242 rows ]
```

```
# rapply for recursive calculations
rapply(vaccines, mean, class = "integer")
```

```
##      Denominator NumberDosesReceived NumberDosesExported      FirstDose
##      NA              NA              NA              1.749675e+03
##      FirstDoseRefused      SecondDose      DoseAdditional1      DoseAdditional2
##      NA              1.582874e+03      1.251688e+03      1.962433e+02
##      DoseAdditional3      UnknownDose      Population
##      4.458589e+00      1.395121e+01      1.574692e+07
```

```
rapply(vaccines, table, class = "factor")
```

```
## NULL
```

```
vaccines$ReportingCountry <- as.factor(vaccines$ReportingCountry)
vaccines$Vaccine <- as.factor(vaccines$Vaccine)
vaccines$TargetGroup <- as.factor(vaccines$TargetGroup)
vaccines$Region <- as.factor(vaccines$Region)
rapply(vaccines, table, class = "factor") #factors need to be defined and now it gives the counts for
```

```
## ReportingCountry.AT ReportingCountry.BE ReportingCountry.BG
##      11520              4510              3977
## ReportingCountry.CY ReportingCountry.CZ ReportingCountry.DE
##      4237              3967              594
## ReportingCountry.DK ReportingCountry.EE ReportingCountry.EL
##      3922              3741              10752
## ReportingCountry.ES ReportingCountry.FI ReportingCountry.FR
##      5820              269568             15604
## ReportingCountry.HR ReportingCountry.HU ReportingCountry.IE
##      7005              4939              3001
## ReportingCountry.IS ReportingCountry.IT ReportingCountry.LI
##      3850              10148              3030
## ReportingCountry.LT ReportingCountry.LU ReportingCountry.LV
##      6868              5244              5705
## ReportingCountry.MT ReportingCountry.NL ReportingCountry.NO
##      4028              5940              2616
## ReportingCountry.PL ReportingCountry.PT ReportingCountry.RO
##      106080             7882              3245
## ReportingCountry.SE ReportingCountry.SI ReportingCountry.SK
##      6113              2371              2964
##      Region.AT      Region.BE      Region.BG
##      11520              4510              3977
##      Region.CY      Region.CZ      Region.DE
##      4237              3967              594
##      Region.DK      Region.EE      Region.EL
##      3922              3741              10752
##      Region.ES      Region.FI      Region.FI19
##      5820              11232             11232
##      Region.FI193    Region.FI194    Region.FI195
```

##	11232	11232	11232
##	Region.FI197	Region.FI1B	Region.FI1B1
##	11232	11232	11232
##	Region.FI1C	Region.FI1C1	Region.FI1C2
##	11232	11232	11232
##	Region.FI1C3	Region.FI1C4	Region.FI1C5
##	11232	11232	11232
##	Region.FI1D	Region.FI1D1	Region.FI1D2
##	11232	11232	11232
##	Region.FI1D3	Region.FI1D5	Region.FI1D7
##	11232	11232	11232
##	Region.FI1D8	Region.FI1D9	Region.FI20
##	11232	11232	11232
##	Region.FI200	Region.FR	Region.FR1
##	11232	1316	752
##	Region.FRB	Region.FRC	Region.FRD
##	752	752	752
##	Region.FRE	Region.FRF	Region.FRG
##	752	752	752
##	Region.FRH	Region.FRI	Region.FRJ
##	752	752	752
##	Region.FRK	Region.FRL	Region.FRM
##	752	752	752
##	Region.FRY1	Region.FRY2	Region.FRY3
##	752	752	752
##	Region.FRY4	Region.FRY5	Region.HR
##	752	752	7005
##	Region.HU	Region.IE	Region.IS
##	4939	3001	3850
##	Region.IT	Region.ITC1	Region.ITC2
##	3776	331	270
##	Region.ITC3	Region.ITC4	Region.ITF1
##	301	315	302
##	Region.ITF2	Region.ITF3	Region.ITF4
##	269	316	307
##	Region.ITF5	Region.ITF6	Region.ITG1
##	283	298	304
##	Region.ITG2	Region.ITH1	Region.ITH2
##	269	315	297
##	Region.ITH3	Region.ITH4	Region.ITH5
##	317	319	313
##	Region.ITI1	Region.ITI2	Region.ITI3
##	316	294	315
##	Region.ITI4	Region.LI	Region.LT
##	321	3030	5252
##	Region.LT01	Region.LT02	Region.LU
##	808	808	5244
##	Region.LV	Region.MT	Region.NL
##	5705	4028	5940
##	Region.NO	Region.PL	Region.PL21
##	2616	6240	6240
##	Region.PL22	Region.PL41	Region.PL42
##	6240	6240	6240
##	Region.PL43	Region.PL51	Region.PL52

```
##          6240          6240          6240
##      Region.PL61      Region.PL62      Region.PL63
##          6240          6240          6240
##      Region.PL71      Region.PL72      Region.PL81
##          6240          6240          6240
##      Region.PL82      Region.PL84      Region.PL92X
##          6240          6240          6240
##      Region.PT      Region.PTCSR01      Region.PTCSR02
##          5022          492          489
##      Region.PTCSR04      Region.PTCSR05      Region.PTCSR07
##          586          666          627
##      Region.R0      Region.SE      Region.SE11
##          3245          3073          380
##      Region.SE12      Region.SE21      Region.SE22
##          380          380          380
##      Region.SE23      Region.SE31      Region.SE32
##          380          380          380
##      Region.SE33      Region.SI      Region.SK
##          380          2371          2964
##      Region.UNK TargetGroup.1_Age<60 TargetGroup.1_Age60+
##          752          1073          1073
##      TargetGroup.Age<18 TargetGroup.Age0_4 TargetGroup.Age10_14
##          29811          32496          34880
##      TargetGroup.Age15_17 TargetGroup.Age18_24 TargetGroup.Age25_49
##          35572          41427          41807
##      TargetGroup.Age5_9 TargetGroup.Age50_59 TargetGroup.Age60_69
##          34093          41501          41465
##      TargetGroup.Age70_79 TargetGroup.Age80+ TargetGroup.AgeUNK
##          41303          41013          34528
##      TargetGroup.ALL      TargetGroup.HCW      TargetGroup.LTCF
##          56499          14998          5702
##      Vaccine.AZ      Vaccine.BECNBG      Vaccine.BHACOV
##          75003          1847          183
##      Vaccine.COM      Vaccine.COMBA.1      Vaccine.COMBA.4-5
##          83781          33897          33422
##      Vaccine.COMBIV      Vaccine.JANSS      Vaccine.MOD
##          6          74417          81117
##      Vaccine.MODBA.1      Vaccine.MODBA.4-5      Vaccine.MODBIV
##          1744          49          6
##      Vaccine.NVXD      Vaccine.SIN      Vaccine.SPU
##          61004          976          683
##      Vaccine.UNK      Vaccine.VLA
##          49997          31109
```

```
rapply(vaccines, median, how = "list", class = "integer", na.rm = TRUE) #returns a list
```

```
## $YearWeekISO
## NULL
##
## $ReportingCountry
## NULL
##
## $Denominator
## [1] 258230
##
```

```
## $NumberDosesReceived
## [1] 0
##
## $NumberDosesExported
## [1] 0
##
## $FirstDose
## [1] 0
##
## $FirstDoseRefused
## [1] 0
##
## $SecondDose
## [1] 0
##
## $DoseAdditional1
## [1] 0
##
## $DoseAdditional2
## [1] 0
##
## $DoseAdditional3
## [1] 0
##
## $UnknownDose
## [1] 0
##
## $Region
## NULL
##
## $TargetGroup
## NULL
##
## $Vaccine
## NULL
##
## $Population
## [1] 5533793
```

```
rapply(vaccines, median, how = "unlist", class = "integer", na.rm = TRUE) #gives a vector
```

```
##      Denominator NumberDosesReceived NumberDosesExported      FirstDose
##      258230           0              0              0
## FirstDoseRefused      SecondDose      DoseAdditional1      DoseAdditional2
##           0              0              0              0
## DoseAdditional3      UnknownDose      Population
##           0              0          5533793
```

```
# what do you mean by RECURSIVELY?
```

```
x <- list("a", list(24, 443), 434, list(54, list(6443, 7234))) #this is a complex list with sublists
```

```
str(x)
```

```
## List of 4
## $ : chr "a"
## $ :List of 2
```

```
## ..$ : num 24
## ..$ : num 443
## $ : num 434
## $ :List of 2
## ..$ : num 54
## ..$ :List of 2
## .. ..$ : num 6443
## .. ..$ : num 7234
rapply(x, log2, class = c("numeric"))

## [1] 4.584963 8.791163 8.761551 5.754888 12.653517 12.820578
(r <- rapply(x, log2, class = c("numeric"), how = "unlist"))

## [1] 4.584963 8.791163 8.761551 5.754888 12.653517 12.820578
str(r)

## num [1:6] 4.58 8.79 8.76 5.75 12.65 ...
```

Note that `tapply()` and `by()` are very similar. Indeed, `by()` is a wrapper of `tapply()`. On the other hand, `vapply()` is similar to `sapply`, but has a pre-specified type of return value, so it can be safer (or faster) to use sometimes. Finally, `rapply()` is not very often used, but it can be the best option for complex datasets, like those including nested lists or complex lists with several dataframes and/or vectors.

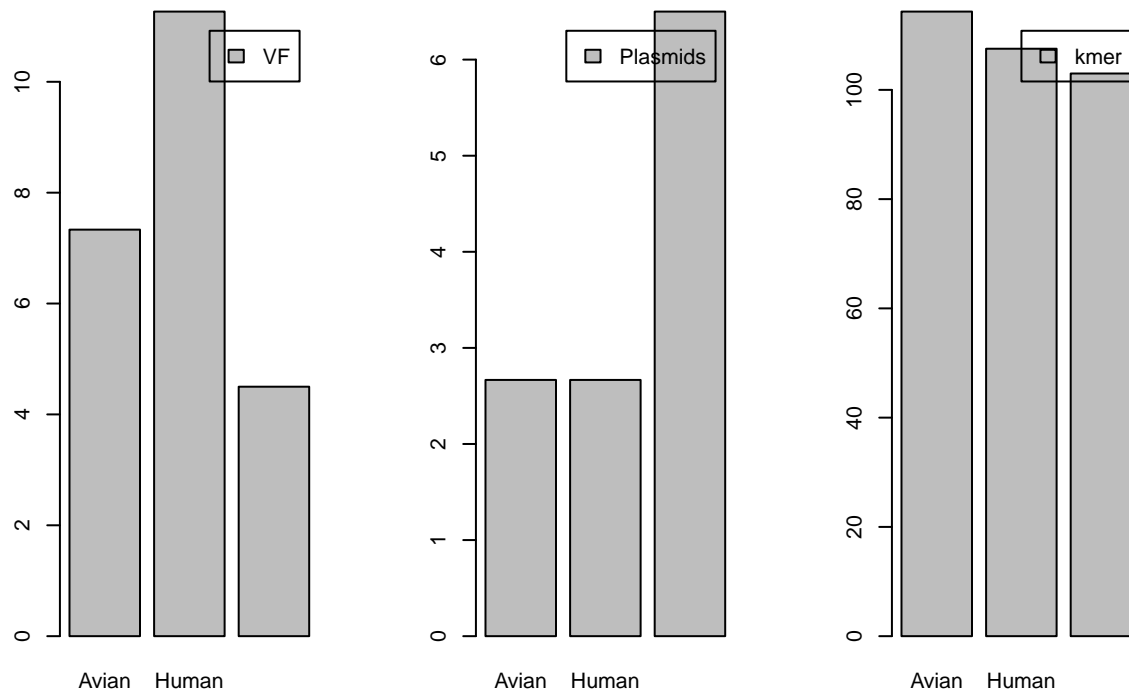
The applications of *apply* functions are very wide. You can use them to parse data with many different input and output structures, even for plots. Check out the following example.

```
# how can you generate several plots for different variable
# by factors??
par(mfrow = c(1, 3)) #arrange the three plots in a row (see Lesson 11)

# option 1: looping
system.time(for (i in 9:11) {
  barplot(by(col_i_genomes[, i], list(col_i_genomes$Source),
    mean), legend.text = names(col_i_genomes[i]))
})

## user system elapsed
## 0.013 0.000 0.014

# option2: lapply
ploteando <- function(x) {
  barplot(by(col_i_genomes[, x], list(col_i_genomes$Source),
    mean), legend.text = names(col_i_genomes[x]))
}
system.time(lapply(9:11, FUN = ploteando))
```



```
## user system elapsed
## 0.008 0.000 0.008
```

In this example `lapply()` returns a list of plots and even for only 3 plots you can notice that it is faster than a loop.

References

- Manipulación de datos en R: <https://r-coder.com/manipulacion-datos-r/> [ES] & <https://r-coder.com/r-data-manipulation/> [EN]
- *R in action*. Robert I. Kabacoff. March 2022 ISBN 9781617296055
- Working with tables in R: https://bookdown.org/kdonovan125/ibis_data_analysis_r4/working-with-tables-in-r.html
- About flat tables in R: <https://cran.r-project.org/web/packages/memisc/vignettes/ftable-matrix.html>
- *data.table* cheatsheet: <https://raw.githubusercontent.com/rstudio/cheatsheets/main/datatable.pdf>
- Data aggregation: <https://r-coder.com/aggregate-r/>
- About *Applies*: <https://www.r-bloggers.com/2016/03/apply-lapply-rapply-sapply-functions-in-r-2/> & <https://gist.github.com/lyndametref/4d137fcb1ec4d9af80ad53245b358ff>

Exercises

1. Using the *merge3* dataset, create a data matrix table containing the strain name and the columns Plasmids, CRISPR, VR and AMR are transformed as a single variable.
2. Two students enrolled in different University courses: Rafa in A,B,D, E and G and Roger in B, C, D and F. Rafa got the following marks 8, 9 ,9.5, 8.75 and 9 and Roger obtained 10, 9.7, 9 and 10. Write a R program to create merged dataframes with all the marks (outer join),

all the Rafa's marks (left outer), all the Roger's marks (right outer), and the marks in the common courses (inner join).

3. We are using the Covid19 test data for exercises 3-6. You can download the updated *csv* file from <https://opendata.ecdc.europa.eu/covid19/testing/csv/data.csv> (see also <https://www.ecdc.europa.eu/en/publications-data/covid-19-testing>). Read the data and write the table in your computer as *covid_tests.csv*.

4. Generate two contingency tables showing the number of tests done (1) by country per week and (2) by country per month. Hint. For the second table, use the function *ISOweek2date()* from the package "ISOweek" to transform the ISO date_week to standard date format.

3. Remove all the character columns to create a subset dataframe named *minitests*. You can use *subset()* and *sapply()* here.

4. Use *apply()* to obtain the min, max, median and mean of each column.

5. Use *tapply()* to obtain the mean, median and min of *new_cases* per country and construct a dataframe with the result. Hint. Consider how to handle NA's.

6. Create a function that calculates *log10()* of the mean, apply it to *new_cases* per country and append it to the dataframe from the previous exercise. Then, write the results in a csv file.

Short exercises

The topics in this lesson can be dense and bewildering the first time. I selected some sheets of exercises from great websites that can give you an extra practice.

- <https://www.r-exercises.com/2016/04/14/merging-dataframes-exercises/>
- <https://www.r-bloggers.com/2016/05/cross-tabulation-with-xtabs-exercises/>
- <https://www.r-exercises.com/2016/09/08/efficient-processing-with-apply-exercises/>
- <https://www.r-exercises.com/2016/06/16/summary-statistics-with-aggregate/>

Session Info

```
sessionInfo()

## R version 4.2.2 (2022-10-31)
## Platform: x86_64-apple-darwin17.0 (64-bit)
## Running under: macOS Big Sur ... 10.16
##
## Matrix products: default
## BLAS: /Library/Frameworks/R.framework/Versions/4.2/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/4.2/Resources/lib/libRlapack.dylib
##
## locale:
## [1] es_ES.UTF-8/es_ES.UTF-8/es_ES.UTF-8/C/es_ES.UTF-8/es_ES.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
```

```
##
## other attached packages:
## [1] data.table_1.14.4 formatR_1.12      knitr_1.40
##
## loaded via a namespace (and not attached):
## [1] digest_0.6.30  magrittr_2.0.3 evaluate_0.17  highr_0.9
## [5] rlang_1.0.6    stringi_1.7.8  cli_3.4.1      rstudioapi_0.14
## [9] rmarkdown_2.17 tools_4.2.2    stringr_1.4.1  xfun_0.34
## [13] yaml_2.3.6     fastmap_1.1.0 compiler_4.2.2 htmltools_0.5.3
```

Course home