

# ML Assignemnt 3

Ananth Kumar

11/10/2021

## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
.libPaths("C:\\Users\\Ananth\\OneDrive\\Desktop\\MSBA Kent\\Fall 2021\\Fundamentals of Machine Learning\\Assignment\\Ass 2")
```

```
library(reshape) library(caret) library(e1071)
```

## readin the excel data into dataframe

```
rm(list=ls())
NB3 <- read.csv("UniversalBank.csv")
head(NB3)
```

```
##   ID Age Experience  Income ZIP.Code Family CCAvg Education Mortgage
## 1  1  25          1     49   91107      4   1.6          1          0
## 2  2  45         19     34   90089      3   1.5          1          0
## 3  3  39         15     11   94720      1   1.0          1          0
## 4  4  35          9    100   94112      1   2.7          2          0
## 5  5  35          8     45   91330      4   1.0          2          0
## 6  6  37         13     29   92121      4   0.4          2        155
##   Personal.Loan Securities.Account CD.Account Online CreditCard
## 1             0                   1           0         0          0
## 2             0                   1           0         0          0
## 3             0                   0           0         0          0
## 4             0                   0           0         0          0
## 5             0                   0           0         0          1
## 6             0                   0           0         1          0
```

Converting data into factors(categorical) mainly the one which are important to this.

```

NB3$Personal.Loan = as.factor(NB3$Personal.Loan)
NB3$Online = as.factor(NB3$Online)
NB3$CreditCard = as.factor(NB3$CreditCard)
NB3

```

##	ID	Age	Experience	Income	ZIP.Code	Family	CCAvg	Education	Mortgage
## 1	1	25	1	49	91107	4	1.60	1	0
## 2	2	45	19	34	90089	3	1.50	1	0
## 3	3	39	15	11	94720	1	1.00	1	0
## 4	4	35	9	100	94112	1	2.70	2	0
## 5	5	35	8	45	91330	4	1.00	2	0
## 6	6	37	13	29	92121	4	0.40	2	155
## 7	7	53	27	72	91711	2	1.50	2	0
## 8	8	50	24	22	93943	1	0.30	3	0
## 9	9	35	10	81	90089	3	0.60	2	104
## 10	10	34	9	180	93023	1	8.90	3	0
## 11	11	65	39	105	94710	4	2.40	3	0
## 12	12	29	5	45	90277	3	0.10	2	0
## 13	13	48	23	114	93106	2	3.80	3	0
## 14	14	59	32	40	94920	4	2.50	2	0
## 15	15	67	41	112	91741	1	2.00	1	0
## 16	16	60	30	22	95054	1	1.50	3	0
## 17	17	38	14	130	95010	4	4.70	3	134
## 18	18	42	18	81	94305	4	2.40	1	0
## 19	19	46	21	193	91604	2	8.10	3	0
## 20	20	55	28	21	94720	1	0.50	2	0
## 21	21	56	31	25	94015	4	0.90	2	111
## 22	22	57	27	63	90095	3	2.00	3	0
## 23	23	29	5	62	90277	1	1.20	1	260
## 24	24	44	18	43	91320	2	0.70	1	163
## 25	25	36	11	152	95521	2	3.90	1	159
## 26	26	43	19	29	94305	3	0.50	1	97
## 27	27	40	16	83	95064	4	0.20	3	0
## 28	28	46	20	158	90064	1	2.40	1	0
## 29	29	56	30	48	94539	1	2.20	3	0
## 30	30	38	13	119	94104	1	3.30	2	0
## 31	31	59	35	35	93106	1	1.20	3	122
## 32	32	40	16	29	94117	1	2.00	2	0
## 33	33	53	28	41	94801	2	0.60	3	193
## 34	34	30	6	18	91330	3	0.90	3	0
## 35	35	31	5	50	94035	4	1.80	3	0
## 36	36	48	24	81	92647	3	0.70	1	0
## 37	37	59	35	121	94720	1	2.90	1	0
## 38	38	51	25	71	95814	1	1.40	3	198
## 39	39	42	18	141	94114	3	5.00	3	0
## 40	40	38	13	80	94115	4	0.70	3	285
## 41	41	57	32	84	92672	3	1.60	3	0
## 42	42	34	9	60	94122	3	2.30	1	0
## 43	43	32	7	132	90019	4	1.10	2	412
## 44	44	39	15	45	95616	1	0.70	1	0
## 45	45	46	20	104	94065	1	5.70	1	0
## 46	46	57	31	52	94720	4	2.50	1	0
## 47	47	39	14	43	95014	3	0.70	2	153

## 48	48	37	12	194	91380	4	0.20	3	211
## 49	49	56	26	81	95747	2	4.50	3	0
## 50	50	40	16	49	92373	1	1.80	1	0
## 51	51	32	8	8	92093	4	0.70	2	0
## 52	52	61	37	131	94720	1	2.90	1	0
## 53	53	30	6	72	94005	1	0.10	1	207
## 54	54	50	26	190	90245	3	2.10	3	240
## 55	55	29	5	44	95819	1	0.20	3	0
## 56	56	41	17	139	94022	2	8.00	1	0
## 57	57	55	30	29	94005	3	0.10	2	0
## 58	58	56	31	131	95616	2	1.20	3	0
## 59	59	28	2	93	94065	2	0.20	1	0
## 60	60	31	5	188	91320	2	4.50	1	455
## 61	61	49	24	39	90404	3	1.70	2	0
## 62	62	47	21	125	93407	1	5.70	1	112
## 63	63	42	18	22	90089	1	1.00	1	0
## 64	64	42	17	32	94523	4	0.00	2	0
## 65	65	47	23	105	90024	2	3.30	1	0
## 66	66	59	35	131	91360	1	3.80	1	0
## 67	67	62	36	105	95670	2	2.80	1	336
## 68	68	53	23	45	95123	4	2.00	3	132
## 69	69	47	21	60	93407	3	2.10	1	0
## 70	70	53	29	20	90045	4	0.20	1	0
## 71	71	42	18	115	91335	1	3.50	1	0
## 72	72	53	29	69	93907	4	1.00	2	0
## 73	73	44	20	130	92007	1	5.00	1	0
## 74	74	41	16	85	94606	1	4.00	3	0
## 75	75	28	3	135	94611	2	3.30	1	0
## 76	76	31	7	135	94901	4	3.80	2	0
## 77	77	58	32	12	91320	3	0.30	3	0
## 78	78	46	20	29	92220	3	0.50	2	0
## 79	79	54	30	133	93305	2	2.60	3	0
## 80	80	50	26	19	94720	2	0.40	1	118
## 81	81	60	36	41	95134	4	1.30	1	174
## 82	82	47	22	40	94612	3	2.70	2	0
## 83	83	41	16	82	92507	1	4.00	3	0
## 84	84	33	9	50	94305	1	2.40	2	0
## 85	85	46	22	18	91730	1	0.90	3	0
## 86	86	27	2	109	94005	4	1.80	3	0
## 87	87	40	16	42	94501	4	2.20	2	126
## 88	88	48	22	78	94305	3	1.10	1	0
## 89	89	65	41	51	94117	2	1.10	1	0
## 90	90	25	-1	113	94303	4	2.30	3	0
## 91	91	55	30	118	90277	4	5.60	2	0
## 92	92	35	10	29	94105	4	1.10	3	0
## 93	93	43	19	34	94305	3	0.60	2	0
## 94	94	60	34	64	94550	2	1.70	3	236
## 95	95	65	39	121	92612	1	2.00	1	0
## 96	96	38	12	48	95617	4	0.20	3	0
## 97	97	41	15	80	95014	1	5.20	1	0
## 98	98	54	28	161	92121	1	2.90	1	0
## 99	99	49	23	94	92374	1	0.30	1	0
## 100	100	66	41	15	91711	3	0.10	3	0
## 101	101	48	23	74	94080	1	1.20	1	0

## 102	102	61	36	30	94608	3	1.30	2	0
## 103	103	53	23	44	93555	3	1.00	3	198
## 104	104	43	18	22	95670	2	0.30	2	0
## 105	105	56	32	38	93311	4	1.30	1	166
## 106	106	24	0	35	94704	3	0.10	2	0
## 107	107	43	17	69	92717	4	2.90	1	0
## 108	108	42	18	43	92037	1	0.70	1	136
## 109	109	33	7	32	95136	1	0.60	3	166
## 110	110	43	17	49	94542	1	2.80	1	0
## 111	111	41	14	9	91330	3	1.00	2	0
## 112	112	62	38	45	94143	4	1.30	2	0
## 113	113	40	15	82	91775	3	1.00	1	309
## 114	114	58	34	92	92703	2	2.80	1	103
## 115	115	39	14	39	92354	3	0.50	3	0
## 116	116	65	40	81	92024	3	1.80	2	0
## 117	117	54	29	35	92831	1	1.50	2	0
## 118	118	58	33	61	92833	2	2.30	3	193
## 119	119	41	16	73	92647	3	3.00	1	0
## 120	120	32	7	112	94304	1	4.60	1	366
## 121	121	54	29	12	90057	2	0.20	3	0
## 122	122	52	26	38	91711	3	0.90	3	0
## 123	123	58	32	73	94523	2	0.70	2	0
## 124	124	37	13	84	92130	1	3.60	2	0
## 125	125	39	15	78	92121	4	2.40	1	118
## 126	126	60	35	80	91301	3	0.50	1	0
## 127	127	31	5	115	92096	2	1.30	1	101
## 128	128	34	8	82	92646	1	2.70	2	251
## 129	129	38	14	74	92182	2	0.00	1	0
## 130	130	41	16	70	92131	3	0.50	3	0
## 131	131	28	4	81	94801	3	1.50	1	276
## 132	132	58	34	149	93720	4	7.20	2	0
## 133	133	31	1	51	90840	2	1.75	3	0
## 134	134	30	4	39	90245	3	1.10	2	0
## 135	135	53	29	98	95035	3	1.80	2	0
## 136	136	58	33	45	93010	4	2.10	1	0
## 137	137	59	32	49	95035	4	2.50	2	0
## 138	138	49	25	128	95054	2	0.40	1	0
## 139	139	59	34	42	94928	3	1.50	1	0
## 140	140	59	35	18	93305	1	1.20	3	0
## 141	141	51	25	31	90245	2	0.40	3	161
## 142	142	35	11	58	95831	3	2.00	1	149
## 143	143	33	9	48	91770	1	2.10	3	0
## 144	144	25	1	54	94117	4	1.60	1	0
## 145	145	49	23	70	92093	2	1.50	2	0
## 146	146	59	35	124	90007	1	7.40	1	0
## 147	147	46	19	84	94102	1	2.67	2	0
## 148	148	50	25	83	94542	4	3.60	3	188
## 149	149	52	28	163	91423	2	0.40	1	116
## 150	150	48	22	42	93955	3	2.20	2	0
## 151	151	46	22	118	94107	2	7.50	1	0
## 152	152	26	0	132	92834	3	6.50	3	0
## 153	153	57	32	24	93117	1	1.30	1	0
## 154	154	60	36	22	94551	2	1.00	1	0
## 155	155	54	29	58	92612	4	1.30	3	0

## 156	156	24	0	60	94596	4	1.60	1	0
## 157	157	26	0	15	92131	4	0.40	1	0
## 158	158	41	17	83	94025	4	2.67	1	0
## 159	159	32	6	79	94720	2	1.50	3	0
## 160	160	61	35	41	94545	4	1.70	2	0
## 161	161	29	0	134	95819	4	6.50	3	0
## 162	162	61	35	80	95053	2	2.80	1	0
## 163	163	38	12	52	90036	1	2.00	1	0
## 164	164	28	4	70	91125	4	2.60	1	0
## 165	165	53	27	92	95120	2	1.10	1	0
## 166	166	27	1	43	94706	1	1.50	1	0
## 167	167	25	1	21	95827	3	1.00	2	0
## 168	168	33	9	23	94305	3	0.90	3	0
## 169	169	50	26	13	91320	4	1.00	1	0
## 170	170	27	1	112	90503	4	2.10	3	0
## 171	171	27	1	138	90250	2	2.00	1	0
## 172	172	52	28	11	95817	3	0.40	1	0
## 173	173	38	13	171	92717	2	7.80	1	0
## 174	174	58	34	42	90095	4	1.50	1	0
## 175	175	42	17	168	95503	2	7.90	2	0
## 176	176	45	20	85	91711	4	1.10	2	0
## 177	177	52	25	44	93111	3	1.00	2	135
## 178	178	29	3	65	94132	4	1.80	2	244
## 179	179	53	29	24	95818	4	0.20	1	0
## 180	180	62	37	11	91942	1	0.10	1	0
## 181	181	51	27	38	90401	2	1.00	3	164
## 182	182	36	12	10	93524	4	0.70	2	81
## 183	183	24	0	135	95133	1	1.50	1	0
## 184	184	29	3	148	92173	3	4.10	1	0
## 185	185	52	26	63	92717	2	1.50	2	0
## 186	186	39	14	115	91320	1	1.00	3	0
## 187	187	48	23	45	95616	1	0.30	1	0
## 188	188	46	21	159	94305	3	1.90	3	315
## 189	189	64	40	169	91320	2	2.10	1	122
## 190	190	55	29	112	94043	2	1.40	1	0
## 191	191	60	36	93	92521	1	4.30	1	0
## 192	192	51	25	29	90404	1	0.30	3	140
## 193	193	50	23	85	92122	1	2.67	2	0
## 194	194	48	24	21	93118	4	0.60	1	0
## 195	195	53	29	144	92697	2	6.80	1	0
## 196	196	34	10	13	94577	4	1.00	1	95
## 197	197	48	24	165	93407	1	5.00	1	0
## 198	198	55	31	9	91345	4	0.70	1	89
## 199	199	27	3	59	94123	4	0.00	1	90
## 200	200	36	11	158	92152	1	5.10	3	0
## 201	201	32	6	29	91355	1	1.90	3	0
## 202	202	35	9	20	94609	2	1.40	3	0
## 203	203	30	3	68	94306	4	2.00	2	0
## 204	204	58	34	65	95747	4	2.20	1	0
## 205	205	56	31	61	96150	2	1.90	2	105
## 206	206	38	12	91	95616	4	1.40	2	100
## 207	207	49	25	31	91355	1	1.00	1	0
## 208	208	34	10	71	94115	4	0.10	2	0
## 209	209	40	16	73	94110	4	2.67	1	0

##	210	210	64	39	172	94707	4	3.10	1	282
##	211	211	51	26	20	92131	2	0.00	1	0
##	212	212	44	18	55	94720	1	0.20	1	0
##	213	213	46	22	69	91604	2	1.70	1	209
##	214	214	57	33	155	91326	1	7.40	1	0
##	215	215	54	28	94	90291	1	1.90	2	0
##	216	216	38	14	92	95818	2	0.00	1	249
##	217	217	27	3	125	95521	2	0.60	1	0
##	218	218	39	14	74	94305	3	3.00	1	0
##	219	219	44	20	72	92807	3	0.30	3	0
##	220	220	56	30	61	94707	1	2.20	3	0
##	221	221	32	6	25	92130	2	0.30	1	0
##	222	222	45	19	83	95051	2	1.70	2	0
##	223	223	26	2	104	94306	3	2.50	1	0
##	224	224	55	25	41	95014	3	1.00	3	0
##	225	225	52	27	58	94305	4	1.80	3	91
##	226	226	39	13	93	94720	1	1.50	3	0
##	227	227	24	-1	39	94085	2	1.70	2	0
##	228	228	47	23	148	94551	2	7.50	1	0
##	229	229	47	22	53	92677	4	1.90	3	98
##	230	230	48	24	71	93117	2	1.70	1	145
##	231	231	47	22	92	94720	1	2.80	2	0
##	232	232	35	10	61	94304	4	2.10	3	0
##	233	233	46	19	38	94122	3	2.50	2	135
##	234	234	62	37	58	91320	4	1.70	1	0
##	235	235	26	1	80	95616	1	0.80	2	150
##	236	236	38	8	71	94720	4	1.80	3	0
##	237	237	43	18	89	93407	3	0.50	3	0
##	238	238	62	38	83	92521	1	1.80	3	0
##	239	239	57	32	28	95831	3	0.20	1	0
##	240	240	28	3	52	94112	4	1.70	2	0
##	241	241	51	26	70	90089	1	1.20	1	169
##	242	242	48	22	71	91711	1	1.40	3	0
##	243	243	41	16	75	94005	1	3.70	3	280
##	244	244	65	39	170	90095	3	7.90	3	99
##	245	245	41	17	78	94025	4	0.80	1	78
##	246	246	35	11	25	92614	2	1.00	2	0
##	247	247	38	14	60	94025	2	0.60	3	0
##	248	248	53	29	120	92626	4	2.70	2	111
##	249	249	55	29	99	92121	2	1.40	1	264
##	250	250	26	1	55	90089	3	2.60	3	113
##	251	251	30	6	29	94305	3	1.00	2	117
##	252	252	54	28	170	92182	2	6.20	2	325
##	253	253	65	40	53	91711	3	2.20	1	0
##	254	254	47	21	138	94583	1	0.00	1	0
##	255	255	65	41	134	91942	3	3.90	3	121
##	256	256	66	40	42	92103	2	0.70	3	138
##	257	257	26	0	99	92697	4	2.30	3	0
##	258	258	66	41	18	92691	3	0.50	1	0
##	259	259	35	9	24	95747	4	0.30	1	0
##	260	260	56	30	55	94107	1	1.40	1	77
##	261	261	51	27	58	92407	1	0.00	1	0
##	262	262	42	16	111	93106	2	1.20	3	251
##	263	263	49	23	33	90245	1	0.30	3	0

## 264	264	27	1	74	92121	4	1.80	2	112
## 265	265	45	19	38	90840	2	0.70	1	0
## 266	266	49	23	23	94305	4	0.60	3	98
## 267	267	63	38	61	94720	2	1.50	1	0
## 268	268	47	22	81	90504	1	2.90	1	138
## 269	269	64	39	129	94002	1	2.50	1	0
## 270	270	43	13	33	95039	1	0.75	3	0
## 271	271	60	36	63	94063	4	2.20	1	0
## 272	272	40	14	70	94923	4	1.40	2	0
## 273	273	29	3	45	95023	4	0.20	1	158
## 274	274	41	16	65	90095	3	0.50	3	0
## 275	275	30	5	74	95616	4	2.20	1	0
## 276	276	49	24	50	94706	4	1.80	3	0
## 277	277	30	5	22	90058	4	0.50	3	109
## 278	278	29	2	30	92126	4	1.00	3	0
## 279	279	50	26	21	91125	4	1.00	1	0
## 280	280	39	14	155	94577	2	3.90	1	0
## 281	281	33	8	64	92121	4	2.10	3	164
## 282	282	57	31	65	94118	4	2.60	3	0
## 283	283	34	9	71	91711	4	0.70	3	0
## 284	284	61	36	40	90029	3	0.50	2	0
## 285	285	44	19	69	92806	3	0.50	3	0
## 286	286	40	13	69	94305	3	2.33	2	0
## 287	287	51	25	45	94806	3	0.60	2	131
## 288	288	37	12	62	92110	3	0.70	2	0
## 289	289	44	19	172	94306	2	4.30	3	391
## 290	290	42	15	24	92121	3	1.00	2	0
## 291	291	51	25	80	92373	1	4.90	1	0
## 292	292	43	16	8	90089	3	0.67	2	88
## 293	293	30	5	38	94542	4	0.80	1	129
## 294	294	45	19	93	90095	4	2.60	3	0
## 295	295	35	9	55	94536	1	2.00	1	0
## 296	296	60	34	64	94304	2	1.70	3	0
## 297	297	34	9	122	90623	1	0.00	1	0
## 298	298	55	25	70	93720	3	1.40	3	0
## 299	299	43	19	81	92069	2	3.20	1	0
## 300	300	41	15	159	90057	1	5.50	3	0
## 301	301	34	9	70	92843	4	1.30	1	0
## 302	302	65	39	150	92120	2	6.90	1	196
## 303	303	45	21	152	94550	2	7.50	1	0
## 304	304	49	25	195	95605	4	3.00	1	617
## 305	305	48	23	22	90740	1	0.10	1	0
## 306	306	60	35	22	91207	1	1.30	1	123
## 307	307	55	29	79	92373	3	0.80	1	0
## 308	308	42	18	33	90401	1	1.40	3	0
## 309	309	32	8	128	94720	2	4.33	1	0
## 310	310	62	38	91	95929	1	3.80	1	0
## 311	311	57	32	39	90277	4	0.90	1	0
## 312	312	52	26	121	94550	1	7.30	1	167
## 313	313	36	6	21	91741	1	0.67	3	0
## 314	314	34	9	41	93720	3	2.30	1	0
## 315	315	63	37	45	93437	2	0.70	3	0
## 316	316	24	-2	51	90630	3	0.30	3	0
## 317	317	57	31	165	95054	1	1.60	2	0

## 318	318	40	16	119	91335	2	4.20	2	0
## 319	319	27	2	110	95670	4	1.80	3	190
## 320	320	65	39	20	90034	3	0.70	2	0
## 321	321	60	34	64	90266	1	0.80	2	248
## 322	322	44	20	101	92717	3	4.40	2	82
## 323	323	63	39	101	92007	1	3.90	1	0
## 324	324	59	34	99	90034	1	4.40	1	0
## 325	325	56	30	158	90089	4	6.10	1	0
## 326	326	54	28	89	95039	1	1.90	2	0
## 327	327	52	27	80	95616	1	1.30	3	0
## 328	328	58	32	114	91330	2	2.00	1	402
## 329	329	60	35	49	94110	3	0.50	2	0
## 330	330	28	4	191	90064	1	6.33	1	0
## 331	331	54	30	78	92374	4	1.00	2	0
## 332	332	32	6	28	94115	3	1.00	1	0
## 333	333	59	33	42	95630	1	0.80	2	0
## 334	334	63	38	140	92407	1	2.50	1	0
## 335	335	48	23	45	95053	1	1.30	2	0
## 336	336	56	32	122	95827	2	0.30	1	360
## 337	337	36	12	65	95051	3	2.60	2	0
## 338	338	57	27	68	94117	1	1.40	3	0
## 339	339	29	3	153	93657	2	2.00	1	392
## 340	340	39	13	89	92110	4	1.40	2	0
## 341	341	59	34	91	93524	1	2.60	1	0
## 342	342	31	6	55	92038	4	2.00	2	185
## 343	343	43	19	118	91304	2	3.30	1	0
## 344	344	35	5	22	93407	1	0.67	3	103
## 345	345	54	24	63	92606	3	1.40	3	138
## 346	346	51	27	12	92192	4	0.50	2	78
## 347	347	44	19	50	90745	3	2.70	2	0
## 348	348	25	0	43	94305	2	1.60	3	0
## 349	349	40	15	173	95060	4	6.60	1	0
## 350	350	26	2	60	93407	2	3.00	1	132
## 351	351	39	14	113	94301	1	1.00	3	0
## 352	352	28	4	155	92182	4	5.30	2	0
## 353	353	52	28	91	92692	4	1.00	2	0
## 354	354	53	29	55	95818	4	1.10	2	0
## 355	355	44	20	173	90277	2	1.40	1	419
## 356	356	43	19	71	92101	3	0.30	3	0
## 357	357	56	30	24	94704	2	0.40	3	88
## 358	358	38	14	42	94610	1	2.00	2	81
## 359	359	30	6	141	94539	2	4.33	1	0
## 360	360	32	6	32	93106	1	1.90	3	0
## 361	361	35	10	55	94539	4	1.30	1	0
## 362	362	43	19	153	90254	2	7.50	1	0
## 363	363	58	32	113	94590	2	1.40	1	270
## 364	364	25	0	30	92691	2	1.70	2	0
## 365	365	54	24	29	92028	3	1.00	3	148
## 366	366	57	32	174	90089	1	6.80	2	466
## 367	367	50	24	35	92717	1	0.30	3	0
## 368	368	32	8	98	95054	2	2.00	2	175
## 369	369	63	37	30	92054	2	1.00	3	159
## 370	370	31	6	58	95051	2	2.50	1	0
## 371	371	36	12	25	92101	4	1.00	1	147



## 372	372	58	34	19	92029	4	0.70	1	0
## 373	373	56	30	44	93105	4	0.70	2	174
## 374	374	49	25	20	90291	4	1.00	1	111
## 375	375	30	5	98	91941	2	3.10	1	220
## 376	376	33	7	90	92346	3	1.60	1	0
## 377	377	45	21	61	94304	3	0.70	1	0
## 378	378	30	5	40	94402	4	2.00	2	0
## 379	379	47	23	38	94618	2	2.10	3	0
## 380	380	25	0	28	92093	2	1.70	2	0
## 381	381	63	33	34	94305	1	1.50	3	0
## 382	382	55	29	73	95616	2	2.30	3	0
## 383	383	65	41	133	94904	4	2.00	1	0
## 384	384	44	18	53	94608	1	0.20	1	0
## 385	385	51	25	21	9307	4	0.60	3	0
## 386	386	35	9	40	93943	3	0.90	1	0
## 387	387	30	5	41	95051	4	1.70	2	0
## 388	388	31	5	82	95482	4	1.80	2	0
## 389	389	54	30	100	95814	4	3.40	3	0
## 390	390	45	20	155	90024	1	7.00	1	0
## 391	391	45	19	45	92521	1	0.20	1	0
## 392	392	58	32	9	94080	3	0.30	3	0
## 393	393	54	29	48	91709	4	1.80	3	0
## 394	394	53	28	18	90095	4	0.10	3	109
## 395	395	33	9	80	91311	4	3.40	1	0
## 396	396	60	35	64	94509	2	2.80	1	0
## 397	397	50	24	29	93023	4	0.10	1	0
## 398	398	26	2	48	90503	3	0.70	2	0
## 399	399	54	30	23	94608	2	0.40	1	0
## 400	400	28	3	84	90024	4	0.20	1	0
## 401	401	36	10	179	94542	3	6.60	1	0
## 402	402	29	2	30	95747	4	1.50	2	112
## 403	403	54	28	93	91604	1	4.90	1	133
## 404	404	55	30	39	92647	2	1.90	2	0
## 405	405	61	36	60	92866	3	0.50	2	182
## 406	406	36	11	133	90245	1	3.80	1	290
## 407	407	45	19	125	92354	1	2.40	1	0
## 408	408	64	40	58	93437	1	1.80	3	0
## 409	409	60	36	89	91745	2	2.80	1	0
## 410	410	49	22	82	90019	1	2.67	2	125
## 411	411	47	23	110	94111	2	3.30	1	0
## 412	412	60	36	54	92182	4	2.30	3	0
## 413	413	45	20	89	93311	4	1.90	3	0
## 414	414	32	7	42	92407	3	2.30	1	0
## 415	415	52	28	41	94309	3	1.90	2	0
## 416	416	35	8	38	93106	4	1.00	2	124
## 417	417	40	15	85	94304	2	0.40	1	0
## 418	418	53	29	83	90073	4	1.00	2	0
## 419	419	27	0	33	90089	4	1.00	3	0
## 420	420	58	33	50	94501	4	2.10	1	0
## 421	421	47	22	58	93105	4	3.60	3	0
## 422	422	28	3	115	92333	4	3.10	2	0
## 423	423	46	20	145	91380	2	6.30	1	0
## 424	424	43	19	161	95616	2	7.50	1	0
## 425	425	56	30	38	92029	1	0.20	1	0

##	426	426	28	3	28	90505	4	0.80	1	0
##	427	427	42	18	75	92182	3	2.33	1	0
##	428	428	32	7	35	92521	3	1.30	1	116
##	429	429	62	38	24	94720	2	1.00	1	116
##	430	430	37	13	78	94998	4	0.10	2	0
##	431	431	51	26	113	94086	1	1.30	3	161
##	432	432	39	13	75	94305	3	2.10	1	224
##	433	433	43	17	91	91311	1	5.70	1	0
##	434	434	52	28	31	91330	4	0.20	1	141
##	435	435	30	6	45	95819	1	1.80	2	0
##	436	436	52	26	80	94709	3	0.80	1	0
##	437	437	61	35	50	92122	3	1.40	3	112
##	438	438	36	9	31	95825	4	1.00	2	0
##	439	439	58	32	113	93943	2	3.80	2	119
##	440	440	47	23	29	94304	4	0.60	1	0
##	441	441	64	39	59	92626	2	1.50	1	139
##	442	442	52	27	43	93555	1	1.30	2	0
##	443	443	58	28	122	95136	1	3.00	3	115
##	444	444	48	24	29	90509	1	1.00	1	0
##	445	445	64	40	91	93106	2	0.00	3	0
##	446	446	58	32	65	94590	3	2.20	3	0
##	447	447	47	23	22	93108	1	1.00	1	0
##	448	448	49	23	71	95134	1	1.40	3	0
##	449	449	31	4	60	94588	4	2.00	2	0
##	450	450	61	37	60	91706	3	2.00	3	0
##	451	451	51	25	69	95747	1	0.30	1	0
##	452	452	28	-2	48	94132	2	1.75	3	89
##	453	453	39	13	21	94022	3	0.20	2	0
##	454	454	54	28	53	92109	4	2.80	2	0
##	455	455	50	24	29	94110	3	0.90	3	0
##	456	456	30	4	60	91107	4	2.20	2	0
##	457	457	64	39	42	92068	3	0.50	2	116
##	458	458	29	3	69	94303	3	0.30	3	0
##	459	459	48	24	20	95841	1	1.00	1	0
##	460	460	35	10	200	91107	2	3.00	1	458
##	461	461	60	36	141	90277	2	2.10	1	0
##	462	462	55	30	81	92123	2	3.70	1	0
##	463	463	29	4	183	91423	3	8.30	3	0
##	464	464	48	22	149	94928	2	5.50	2	0
##	465	465	43	19	83	94305	4	3.60	3	0
##	466	466	66	42	35	94305	1	1.90	2	172
##	467	467	25	0	13	91342	2	0.90	3	0
##	468	468	45	20	39	90232	1	2.40	1	0
##	469	469	34	10	21	92634	1	0.50	3	0
##	470	470	48	23	10	94609	2	0.70	3	0
##	471	471	32	6	84	91006	4	1.80	2	0
##	472	472	50	24	30	91768	4	0.10	1	161
##	473	473	43	19	31	90007	4	0.30	1	156
##	474	474	64	39	182	93955	1	1.20	2	547
##	475	475	60	34	114	90028	2	6.90	1	0
##	476	476	43	19	152	92008	3	6.10	2	0
##	477	477	60	34	53	92717	1	0.80	2	0
##	478	478	64	39	24	95112	4	0.40	2	78
##	479	479	44	20	150	95060	2	3.30	1	0

## 480	480	60	36	132	92154	2	6.00	1	470
## 481	481	54	29	68	94998	3	1.60	3	0
## 482	482	33	9	53	94063	1	1.20	1	0
## 483	483	56	32	173	94022	1	4.60	2	88
## 484	484	29	5	30	90095	3	1.00	2	0
## 485	485	25	1	113	95023	2	0.20	1	0
## 486	486	60	34	15	95014	1	0.80	2	0
## 487	487	55	30	84	92173	2	3.70	1	304
## 488	488	39	13	88	94117	4	1.40	2	0
## 489	489	37	13	43	94122	3	2.80	1	0
## 490	490	53	28	43	91380	2	2.10	3	0
## 491	491	34	10	90	94303	2	2.70	1	0
## 492	492	42	18	34	92115	4	0.30	1	104
## 493	493	60	36	38	94596	4	1.30	1	0
## 494	494	50	24	173	94720	1	1.00	1	0
## 495	495	41	17	160	92647	2	8.00	1	0
## 496	496	25	0	44	94545	4	0.60	2	0
## 497	497	50	24	83	94301	2	0.40	3	0
## 498	498	48	22	94	90623	4	2.60	3	0
## 499	499	32	8	43	95023	1	2.10	3	0
## 500	500	50	25	42	93108	3	1.70	2	0
## 501	501	59	33	34	92177	2	0.30	1	0
## 502	502	50	26	39	90640	3	1.90	2	0
## 503	503	44	19	70	92833	1	0.10	2	0
## 504	504	31	5	39	94022	4	1.80	3	185
## 505	505	40	10	44	94720	3	2.00	3	0
## 506	506	36	12	69	94305	3	3.10	2	0
## 507	507	51	25	44	94608	3	0.90	3	0
## 508	508	64	40	32	91380	3	0.10	3	0
## 509	509	47	22	15	95521	2	0.70	3	0
## 510	510	52	28	118	90503	2	6.80	1	112
## 511	511	51	26	62	95136	1	1.30	2	221
## 512	512	31	5	82	94143	4	2.20	2	0
## 513	513	39	14	54	95035	3	3.00	1	108
## 514	514	30	6	48	94607	1	2.10	3	0
## 515	515	27	1	74	91730	3	0.30	3	0
## 516	516	41	16	113	92780	1	1.00	3	211
## 517	517	53	27	81	90009	3	1.70	2	0
## 518	518	54	27	43	92834	3	1.00	2	169
## 519	519	28	4	34	92677	1	1.80	2	0
## 520	520	34	9	48	95616	1	2.50	3	105
## 521	521	61	37	54	90024	4	1.20	2	129
## 522	522	48	24	75	92518	4	1.40	2	0
## 523	523	36	11	72	91007	1	2.80	1	224
## 524	524	56	31	39	93023	4	0.90	1	0
## 525	525	24	-1	75	93014	4	0.20	1	0
## 526	526	64	38	79	94024	2	2.80	1	179
## 527	527	26	2	205	93106	1	6.33	1	271
## 528	528	33	8	65	90027	2	0.10	1	89
## 529	529	64	39	122	90089	4	0.20	1	378
## 530	530	39	15	82	95207	1	0.80	2	0
## 531	531	54	30	21	91706	2	0.20	1	0
## 532	532	32	6	50	90401	4	2.10	3	0
## 533	533	62	37	39	94305	2	2.80	1	113

## 534	534	27	2	101	92807	1	1.90	1	0
## 535	535	53	28	41	93117	2	0.60	3	0
## 536	536	51	25	132	94143	1	0.30	1	0
## 537	537	25	-1	43	92173	3	2.40	2	176
## 538	538	44	20	131	90717	1	4.90	3	0
## 539	539	31	5	11	94534	1	0.40	2	76
## 540	540	57	32	21	94720	1	0.30	3	117
## 541	541	25	-1	109	94010	4	2.30	3	314
## 542	542	30	6	141	95014	2	4.33	1	0
## 543	543	40	14	81	94709	3	0.10	1	0
## 544	544	63	38	54	94704	3	2.40	1	90
## 545	545	35	10	164	91614	2	7.80	1	0
## 546	546	43	19	28	94303	4	0.30	1	87
## 547	547	27	2	68	94025	3	2.60	3	203
## 548	548	44	14	44	94132	3	2.00	3	180
## 549	549	49	23	61	94117	1	1.40	3	0
## 550	550	61	36	35	94110	3	1.30	2	0
## 551	551	60	34	54	94301	3	0.30	2	0
## 552	552	59	34	14	93118	1	0.10	1	0
## 553	553	28	3	52	90024	4	2.20	1	230
## 554	554	52	28	101	91330	2	0.30	1	0
## 555	555	28	2	149	94720	2	7.20	1	0
## 556	556	34	8	35	92037	4	0.80	1	137
## 557	557	60	34	21	93105	3	0.30	3	129
## 558	558	39	15	118	95039	2	1.90	1	0
## 559	559	30	5	38	95064	4	2.00	2	0
## 560	560	49	25	24	95818	4	0.20	1	138
## 561	561	43	18	59	93943	1	3.70	3	0
## 562	562	63	33	41	94234	4	1.67	3	0
## 563	563	28	3	85	94035	1	0.80	2	0
## 564	564	51	27	12	94608	4	1.00	1	0
## 565	565	33	7	32	94904	1	0.60	3	152
## 566	566	55	29	79	90210	3	0.80	1	0
## 567	567	53	28	175	95060	3	3.60	3	0
## 568	568	34	8	28	95112	3	0.90	1	0
## 569	569	34	9	41	92101	2	0.10	1	161
## 570	570	40	14	70	95136	3	2.10	1	185
## 571	571	49	25	161	94928	3	6.50	2	485
## 572	572	35	9	53	94143	4	2.20	2	0
## 573	573	39	15	128	92333	1	3.40	1	0
## 574	574	55	28	50	95020	3	1.00	2	0
## 575	575	29	5	80	94709	2	2.00	2	0
## 576	576	54	30	93	91107	1	2.70	2	0
## 577	577	25	-1	48	92870	3	0.30	3	0
## 578	578	52	28	149	94043	2	6.80	1	0
## 579	579	46	19	49	92124	3	2.50	2	0
## 580	580	57	33	88	93524	1	2.70	2	0
## 581	581	52	22	22	90049	4	0.40	3	0
## 582	582	28	3	55	94521	4	2.20	1	0
## 583	583	44	18	72	95678	1	0.70	3	155
## 584	584	24	-1	38	95045	2	1.70	2	0
## 585	585	40	16	114	91604	1	3.40	1	300
## 586	586	34	4	83	92653	4	4.00	3	0
## 587	587	39	14	101	94305	2	0.40	1	0

##	588	588	50	24	94	93305	1	4.90	1	272
##	589	589	41	17	40	93117	2	2.50	1	0
##	590	590	31	7	128	92821	1	6.00	1	0
##	591	591	29	3	39	94612	4	2.10	3	0
##	592	592	30	5	51	92037	1	1.00	1	0
##	593	593	44	20	79	95051	4	2.00	3	0
##	594	594	33	7	48	90025	4	2.20	2	0
##	595	595	50	26	85	94143	1	0.00	1	144
##	596	596	42	18	41	92121	1	1.80	1	94
##	597	597	48	22	152	94022	1	3.50	3	0
##	598	598	24	-2	125	92835	2	7.20	1	0
##	599	599	56	31	11	92374	2	0.20	3	90
##	600	600	28	4	103	94720	2	2.50	1	0
##	601	601	56	30	141	94143	2	0.50	1	0
##	602	602	58	32	38	91320	1	1.40	1	0
##	603	603	29	5	135	95035	2	0.60	1	0
##	604	604	63	38	28	94720	2	0.50	2	89
##	605	605	28	3	70	90245	4	2.20	1	240
##	606	606	57	31	41	91330	1	0.20	1	0
##	607	607	34	8	81	91741	3	0.90	2	208
##	608	608	28	3	170	95014	1	0.10	3	0
##	609	609	27	2	55	91910	4	1.70	2	0
##	610	610	37	11	24	91770	4	1.50	3	0
##	611	611	52	28	81	94132	3	1.80	2	275
##	612	612	49	23	32	94701	4	1.80	1	83
##	613	613	65	40	129	90095	1	1.30	1	0
##	614	614	60	35	108	94904	1	0.90	1	0
##	615	615	37	12	180	90034	1	8.60	1	0
##	616	616	63	37	139	93943	2	6.90	1	0
##	617	617	40	14	33	94025	2	1.40	3	0
##	618	618	46	20	74	94024	4	2.60	3	0
##	619	619	63	37	42	91320	2	0.70	3	115
##	620	620	57	27	73	93106	1	3.00	3	0
##	621	621	33	8	115	91129	4	2.90	2	0
##	622	622	41	17	114	91125	2	1.80	2	0
##	623	623	41	17	92	93555	2	1.90	1	131
##	624	624	44	19	34	95616	1	0.30	3	78
##	625	625	33	6	54	92821	2	1.67	2	122
##	626	626	52	28	64	95605	2	1.00	3	211
##	627	627	30	6	42	94305	1	0.20	3	100
##	628	628	45	19	70	92677	3	2.10	1	0
##	629	629	49	24	51	90071	1	1.30	2	0
##	630	630	45	19	71	91711	4	2.90	1	218
##	631	631	32	7	35	96651	3	1.30	1	108
##	632	632	45	18	40	94960	3	1.00	2	0
##	633	633	57	32	165	94720	4	2.70	3	0
##	634	634	61	31	18	94583	1	1.50	3	0
##	635	635	57	31	32	90034	3	1.40	1	0
##	636	636	60	35	35	90509	3	0.20	1	169
##	637	637	40	16	120	92037	2	6.10	1	196
##	638	638	53	28	31	90245	4	0.10	3	0
##	639	639	42	16	35	92054	3	1.50	1	0
##	640	640	62	36	32	92646	2	0.20	3	0
##	641	641	43	18	85	94960	1	3.70	3	327

## 642	642	35	10	139	95060	2	7.80	1	0
## 643	643	50	24	103	94132	1	0.30	1	0
## 644	644	45	21	152	91902	2	1.40	1	0
## 645	645	52	27	33	92121	2	2.00	2	0
## 646	646	35	9	84	95120	4	2.20	2	322
## 647	647	58	33	61	90033	4	1.70	1	0
## 648	648	62	38	64	95064	4	2.20	1	123
## 649	649	50	25	34	95621	1	1.30	2	0
## 650	650	25	-1	82	92677	4	2.10	3	0
## 651	651	47	22	122	90037	1	5.10	3	163
## 652	652	28	4	58	92121	3	1.50	1	131
## 653	653	34	9	92	90005	1	2.80	1	0
## 654	654	49	23	78	92691	2	2.40	2	205
## 655	655	54	29	129	93940	4	4.20	3	0
## 656	656	50	25	13	91109	2	0.70	3	0
## 657	657	37	11	81	94539	1	2.80	3	145
## 658	658	38	8	23	95207	1	0.67	3	0
## 659	659	52	26	35	91711	3	0.90	3	0
## 660	660	63	39	79	93009	4	1.70	2	0
## 661	661	39	14	165	92126	2	3.30	1	0
## 662	662	63	38	52	94720	2	2.80	1	0
## 663	663	65	41	185	93561	3	2.00	2	0
## 664	664	46	20	49	90503	3	2.20	2	0
## 665	665	54	30	64	95126	1	1.80	3	227
## 666	666	54	24	61	92866	4	2.00	3	0
## 667	667	52	26	112	92120	1	2.40	1	0
## 668	668	63	39	72	93106	3	2.00	3	190
## 669	669	66	41	18	94010	3	0.50	1	0
## 670	670	56	29	41	94109	4	2.50	2	0
## 671	671	23	-1	61	92374	4	2.60	1	239
## 672	672	65	41	105	92612	1	3.00	2	282
## 673	673	51	27	23	96651	1	0.20	1	0
## 674	674	34	10	22	95670	1	0.50	3	85
## 675	675	49	23	59	95827	3	2.10	1	0
## 676	676	29	2	33	91711	1	2.00	2	160
## 677	677	47	23	11	94063	1	0.90	3	103
## 678	678	46	21	204	92780	2	2.80	1	0
## 679	679	52	27	61	92101	4	1.80	3	207
## 680	680	55	31	103	92093	3	1.80	2	364
## 681	681	61	36	51	94706	3	1.50	1	0
## 682	682	34	9	164	94720	1	6.00	3	0
## 683	683	58	34	12	90504	1	0.10	2	0
## 684	684	40	16	82	91311	1	3.60	2	0
## 685	685	43	17	164	90266	1	2.40	1	449
## 686	686	35	8	48	93107	2	1.67	2	0
## 687	687	24	-1	38	92612	4	0.60	2	0
## 688	688	48	22	65	92120	2	1.50	2	0
## 689	689	44	20	71	94304	4	1.90	1	207
## 690	690	54	30	18	94591	1	0.30	1	0
## 691	691	59	34	52	94115	2	1.60	3	75
## 692	692	45	18	48	90025	3	2.50	2	113
## 693	693	26	2	30	94720	1	1.00	3	111
## 694	694	40	15	40	92096	2	2.20	3	107
## 695	695	32	7	112	90740	1	3.80	1	81

## 696	696	29	4	115	92717	1	1.90	1	0
## 697	697	51	27	63	92251	2	1.00	3	82
## 698	698	42	17	85	92648	1	3.70	3	0
## 699	699	64	38	59	92028	1	2.50	3	220
## 700	700	44	20	68	95060	1	0.80	3	91
## 701	701	37	11	84	90089	2	1.80	1	0
## 702	702	44	19	62	93106	3	0.80	3	0
## 703	703	35	9	109	92709	3	4.00	1	0
## 704	704	41	17	141	94022	2	7.60	1	92
## 705	705	56	32	129	94065	1	7.40	1	0
## 706	706	62	36	30	94720	3	0.70	2	0
## 707	707	58	34	148	95819	1	4.70	1	0
## 708	708	47	20	25	95064	3	0.67	2	0
## 709	709	35	10	21	92182	3	1.30	1	115
## 710	710	29	4	72	95841	4	2.20	1	0
## 711	711	43	17	59	94085	3	0.90	3	87
## 712	712	62	37	83	91754	3	1.80	2	187
## 713	713	41	16	10	94123	2	0.30	2	0
## 714	714	34	9	84	92009	3	0.60	2	0
## 715	715	50	23	98	92068	3	2.00	2	0
## 716	716	47	23	32	92130	1	1.00	1	0
## 717	717	29	5	31	96064	4	0.40	2	161
## 718	718	59	34	94	93940	3	0.50	1	0
## 719	719	56	31	21	90024	2	0.20	3	137
## 720	720	61	35	110	92521	3	4.40	1	0
## 721	721	58	32	38	94025	1	2.20	3	0
## 722	722	49	24	39	92717	1	1.40	3	0
## 723	723	45	21	132	91103	3	1.20	2	0
## 724	724	50	24	61	94301	4	2.60	1	0
## 725	725	64	38	92	94086	1	2.00	1	0
## 726	726	39	15	119	92037	2	6.10	1	0
## 727	727	58	33	53	91030	4	2.10	1	0
## 728	728	62	37	18	92037	3	1.30	2	0
## 729	729	45	20	114	94720	2	4.40	2	0
## 730	730	58	28	90	93106	1	3.00	3	0
## 731	731	43	18	140	95616	1	7.00	1	205
## 732	732	28	3	90	90066	2	3.30	1	0
## 733	733	26	1	85	90064	1	1.90	1	0
## 734	734	49	24	80	92009	1	1.20	1	0
## 735	735	66	42	53	92182	2	1.10	1	0
## 736	736	33	7	49	95403	4	2.20	2	0
## 737	737	61	35	152	91016	3	3.30	3	0
## 738	738	64	37	138	94709	2	2.80	2	0
## 739	739	36	10	80	94596	4	2.20	2	0
## 740	740	49	23	82	91902	2	2.40	2	0
## 741	741	52	27	195	90266	1	8.10	1	0
## 742	742	61	37	22	94590	1	1.20	3	0
## 743	743	32	6	81	92626	1	2.50	1	0
## 744	744	61	37	40	94539	4	2.20	1	0
## 745	745	45	20	154	94720	2	2.80	1	0
## 746	746	30	4	49	93955	3	1.10	2	0
## 747	747	62	37	85	95051	4	3.40	2	0
## 748	748	57	32	21	94112	3	0.10	2	0
## 749	749	41	17	14	91330	1	1.00	1	0

## 750	750	58	34	60	92008	4	1.60	2	0
## 751	751	29	5	138	93106	2	4.33	1	0
## 752	752	53	28	98	90210	1	1.30	3	355
## 753	753	64	39	22	90071	4	0.60	2	0
## 754	754	49	23	49	94720	1	1.20	2	0
## 755	755	38	14	102	95020	2	1.90	1	0
## 756	756	56	30	45	91103	4	0.70	2	0
## 757	757	56	31	82	95348	4	1.30	3	0
## 758	758	52	28	81	91745	3	1.80	2	0
## 759	759	64	39	35	90266	1	1.50	2	0
## 760	760	53	28	59	91950	2	1.90	2	0
## 761	761	29	3	52	92122	3	1.10	2	0
## 762	762	48	24	84	92152	3	0.70	1	166
## 763	763	32	6	85	90504	1	2.70	2	100
## 764	764	54	28	65	94122	1	0.20	1	0
## 765	765	37	13	89	95051	2	1.70	2	314
## 766	766	47	21	109	95822	4	1.80	1	0
## 767	767	37	12	81	94538	1	2.80	1	0
## 768	768	64	39	38	92024	1	1.10	3	108
## 769	769	43	19	72	90024	2	1.70	1	0
## 770	770	33	6	78	90250	4	2.00	2	119
## 771	771	26	2	172	94551	2	6.90	2	0
## 772	772	42	18	71	91614	3	2.33	1	106
## 773	773	54	28	165	92093	1	4.10	3	0
## 774	774	41	16	120	92612	2	3.90	1	0
## 775	775	55	29	39	92154	1	0.20	1	0
## 776	776	65	39	23	92835	3	0.70	2	0
## 777	777	50	26	135	92121	2	4.60	3	91
## 778	778	55	31	12	95060	2	0.20	1	76
## 779	779	62	36	92	94801	2	0.70	2	0
## 780	780	53	28	192	94304	2	6.40	3	0
## 781	781	32	7	42	92634	4	0.80	1	0
## 782	782	56	32	158	94588	3	3.70	3	0
## 783	783	54	30	194	92056	3	6.00	3	587
## 784	784	44	20	160	94606	2	7.60	1	0
## 785	785	48	22	98	94115	2	6.30	1	0
## 786	786	46	22	164	94122	2	7.60	1	0
## 787	787	45	21	42	94305	2	2.50	1	0
## 788	788	45	15	202	91380	3	10.00	3	0
## 789	789	58	34	10	92521	4	0.70	1	0
## 790	790	29	3	31	92126	4	0.30	2	0
## 791	791	55	30	58	92028	4	0.90	1	0
## 792	792	55	29	65	94501	4	2.80	2	0
## 793	793	41	16	98	93117	1	4.00	3	0
## 794	794	24	-2	150	94720	2	2.00	1	0
## 795	795	54	29	44	91301	2	2.30	3	0
## 796	796	57	32	15	92806	2	0.20	3	0
## 797	797	30	6	82	93657	2	2.50	1	0
## 798	798	42	17	61	94998	3	0.50	3	0
## 799	799	29	2	38	93063	1	2.00	2	0
## 800	800	29	3	39	95051	4	2.10	3	0
## 801	801	31	7	173	91040	1	6.00	1	0
## 802	802	47	23	8	92612	4	0.20	1	0
## 803	803	36	12	51	92521	3	2.00	1	214



## 804	804	52	27	62	92661	4	1.80	3	82
## 805	805	54	28	34	94061	4	0.70	2	0
## 806	806	55	29	132	95758	3	5.90	2	307
## 807	807	53	27	44	94542	4	1.50	3	0
## 808	808	52	27	162	92096	1	8.10	1	0
## 809	809	64	39	64	92068	3	2.20	1	0
## 810	810	54	29	111	94304	1	0.10	3	0
## 811	811	32	6	41	92182	2	2.00	3	0
## 812	812	63	33	52	94720	4	1.67	3	0
## 813	813	36	10	65	90089	4	2.20	2	0
## 814	814	50	25	130	94720	1	1.10	2	0
## 815	815	33	8	45	93943	2	0.10	1	0
## 816	816	62	38	35	94596	1	1.90	2	118
## 817	817	49	23	65	94035	3	0.70	2	263
## 818	818	41	15	38	90291	2	0.70	1	91
## 819	819	51	27	42	95039	4	1.10	2	0
## 820	820	56	30	45	90024	4	1.50	3	0
## 821	821	51	25	145	90740	1	0.30	1	0
## 822	822	39	13	33	92093	4	1.50	3	0
## 823	823	61	35	60	96091	3	1.40	3	0
## 824	824	35	9	45	90509	1	2.00	1	0
## 825	825	39	15	72	94801	4	2.40	1	0
## 826	826	37	11	34	95616	3	0.20	2	0
## 827	827	48	21	23	93555	3	0.67	2	0
## 828	828	63	37	45	94542	2	1.00	3	88
## 829	829	35	9	28	94542	4	1.00	1	75
## 830	830	55	30	81	90254	4	3.80	2	0
## 831	831	29	5	72	92407	3	0.70	2	81
## 832	832	61	31	49	94066	4	1.67	3	0
## 833	833	36	10	31	90630	4	1.20	2	0
## 834	834	61	35	63	94939	3	2.20	3	0
## 835	835	36	12	150	95138	4	5.40	1	0
## 836	836	58	33	142	92691	2	3.90	1	193
## 837	837	42	17	74	92123	3	3.00	1	0
## 838	838	30	4	24	92096	1	0.40	2	81
## 839	839	45	20	29	92507	4	1.90	3	0
## 840	840	39	15	79	92646	4	2.40	1	0
## 841	841	27	3	94	92373	2	0.20	1	310
## 842	842	57	33	121	94542	1	4.30	1	0
## 843	843	34	10	54	92101	3	2.00	1	0
## 844	844	64	39	73	94720	3	2.40	1	0
## 845	845	47	23	71	95762	1	0.80	3	127
## 846	846	44	17	29	94706	3	1.00	2	0
## 847	847	51	27	93	92154	1	2.70	1	0
## 848	848	40	14	73	94539	1	1.50	3	252
## 849	849	57	32	19	94720	4	0.90	2	0
## 850	850	33	8	58	94305	2	0.10	1	0
## 851	851	46	20	39	95054	1	0.20	1	0
## 852	852	41	16	23	94521	2	1.40	2	0
## 853	853	33	7	29	92064	1	0.60	3	127
## 854	854	27	2	155	95138	1	0.80	1	0
## 855	855	52	28	90	95814	1	2.60	2	0
## 856	856	59	33	113	92152	2	2.00	1	77
## 857	857	62	38	42	94025	1	1.80	3	0

## 858	858	49	25	30	95616	4	0.20	1	0
## 859	859	45	19	19	94720	3	0.50	2	0
## 860	860	63	37	124	92182	3	5.00	2	170
## 861	861	57	31	30	95841	2	0.70	2	145
## 862	862	60	30	28	92354	1	1.50	3	124
## 863	863	50	23	15	94025	2	1.00	2	101
## 864	864	54	30	70	90095	1	1.60	3	265
## 865	865	28	2	10	94080	1	0.10	2	0
## 866	866	60	34	22	92037	3	0.30	3	139
## 867	867	44	20	70	94611	4	1.90	1	0
## 868	868	61	35	61	94708	1	1.60	1	0
## 869	869	40	15	161	94596	2	3.30	1	0
## 870	870	54	30	29	93014	2	0.80	1	0
## 871	871	43	19	35	92106	3	0.50	1	0
## 872	872	54	28	48	96091	4	2.80	2	0
## 873	873	32	7	44	90095	4	0.80	1	0
## 874	874	24	0	88	90740	3	0.80	1	134
## 875	875	30	4	40	92056	4	2.10	3	0
## 876	876	61	36	21	95616	4	0.40	2	123
## 877	877	40	14	58	94025	2	2.80	1	0
## 878	878	35	11	59	95123	4	0.10	2	0
## 879	879	33	3	74	95616	4	4.00	3	0
## 880	880	63	37	84	91768	4	1.90	2	0
## 881	881	57	31	58	91604	1	0.20	1	177
## 882	882	44	19	154	92116	2	8.80	1	0
## 883	883	51	25	185	94117	1	1.70	1	0
## 884	884	51	26	78	92703	1	1.20	1	305
## 885	885	38	13	55	91709	2	1.10	2	0
## 886	886	31	5	30	94304	4	0.30	2	0
## 887	887	54	29	74	93907	3	2.00	2	0
## 888	888	41	16	118	94720	2	3.30	1	0
## 889	889	57	33	182	94114	2	3.30	3	372
## 890	890	24	-2	82	91103	2	1.60	3	0
## 891	891	55	29	29	92780	4	1.50	3	79
## 892	892	32	6	120	94102	4	5.40	1	301
## 893	893	38	12	53	95616	2	2.40	2	0
## 894	894	58	32	43	93943	3	1.40	1	0
## 895	895	29	4	59	95064	4	2.20	1	232
## 896	896	43	17	84	94608	4	2.60	3	289
## 897	897	50	24	161	95133	3	3.40	1	212
## 898	898	62	37	21	92691	4	0.40	2	137
## 899	899	57	32	63	94111	4	0.70	1	0
## 900	900	30	3	172	91302	3	3.40	2	0
## 901	901	30	4	51	94709	4	0.20	1	172
## 902	902	57	33	24	95616	4	0.70	1	0
## 903	903	57	33	95	95054	2	1.60	1	0
## 904	904	43	18	59	90048	1	2.40	1	250
## 905	905	28	2	51	90503	4	1.80	2	0
## 906	906	46	22	28	94720	1	1.00	1	84
## 907	907	29	3	154	94720	2	2.00	1	130
## 908	908	64	40	15	91711	2	0.30	3	115
## 909	909	66	36	55	93023	4	1.67	3	0
## 910	910	23	-1	149	91709	1	6.33	1	305
## 911	911	60	36	79	92120	1	1.80	3	0

##	912	912	47	21	68	94538	4	2.60	3	0
##	913	913	35	10	78	94105	1	2.60	2	0
##	914	914	57	32	34	92507	2	2.00	2	0
##	915	915	65	41	195	91711	3	0.40	1	0
##	916	916	53	28	184	94550	1	8.10	1	303
##	917	917	44	20	85	92192	2	3.20	1	0
##	918	918	45	20	200	90405	2	8.80	1	0
##	919	919	41	16	64	92325	3	0.50	3	0
##	920	920	51	27	88	91116	1	2.60	2	0
##	921	921	27	1	42	94501	3	2.40	2	0
##	922	922	31	5	91	92096	3	1.60	1	126
##	923	923	32	6	38	92868	1	0.30	1	0
##	924	924	55	30	28	95123	1	1.50	2	0
##	925	925	55	30	32	91330	4	0.10	3	0
##	926	926	42	18	31	94720	1	0.30	3	0
##	927	927	33	9	22	93940	4	0.40	2	103
##	928	928	65	40	95	95014	3	3.70	2	138
##	929	929	35	10	74	90638	4	1.30	1	0
##	930	930	55	30	22	92121	1	1.50	2	91
##	931	931	28	4	43	92103	3	0.10	2	0
##	932	932	27	3	43	91302	1	1.00	3	0
##	933	933	51	27	112	94720	3	1.80	2	0
##	934	934	50	23	9	92064	2	1.00	2	0
##	935	935	58	33	81	91320	2	0.00	3	0
##	936	936	46	20	131	95929	1	5.70	1	256
##	937	937	62	32	19	92109	1	1.50	3	0
##	938	938	38	13	62	92093	3	0.70	2	0
##	939	939	62	37	19	95818	4	0.40	2	124
##	940	940	56	32	8	93943	2	0.30	1	0
##	941	941	61	36	193	94303	1	4.70	3	203
##	942	942	38	13	129	92093	4	4.40	1	140
##	943	943	55	29	30	91320	4	0.70	2	0
##	944	944	30	4	80	94701	4	1.80	2	0
##	945	945	41	15	22	90503	4	1.50	3	0
##	946	946	57	32	33	91745	1	1.50	2	0
##	947	947	36	11	64	91355	4	2.10	3	0
##	948	948	55	29	60	94305	3	2.20	3	84
##	949	949	30	4	81	92037	1	2.90	3	259
##	950	950	40	16	45	94720	3	0.60	2	204
##	951	951	32	6	112	95054	4	1.80	2	0
##	952	952	59	34	83	94105	2	3.40	3	0
##	953	953	44	20	180	93943	2	7.60	1	524
##	954	954	51	26	28	92130	4	0.20	2	0
##	955	955	37	12	169	91107	2	5.20	3	249
##	956	956	59	35	14	90840	4	0.70	1	0
##	957	957	37	11	43	90250	1	2.00	1	0
##	958	958	56	32	88	94309	2	0.30	1	0
##	959	959	55	29	78	90747	4	2.60	3	0
##	960	960	49	24	68	94143	1	0.20	2	163
##	961	961	46	22	144	93611	2	3.30	1	0
##	962	962	35	9	30	94114	4	1.00	1	163
##	963	963	47	21	120	95833	1	0.00	1	135
##	964	964	39	14	24	94305	2	0.30	2	0
##	965	965	27	1	78	92037	4	2.30	3	157

## 966	966	62	36	135	94301	2	5.20	2	0
## 967	967	57	32	44	91605	2	1.60	3	0
## 968	968	55	30	73	92675	4	3.80	2	0
## 969	969	55	31	90	92868	1	2.70	2	0
## 970	970	41	15	58	94704	3	0.50	3	0
## 971	971	57	32	75	94928	2	3.70	1	236
## 972	972	43	19	174	92028	3	1.70	3	231
## 973	973	40	16	50	92093	2	1.70	1	174
## 974	974	43	18	85	92703	1	4.00	3	287
## 975	975	63	38	54	90401	3	2.20	1	0
## 976	976	63	38	83	92122	2	3.40	1	0
## 977	977	54	30	24	94109	4	0.20	1	0
## 978	978	54	30	45	95134	4	1.10	2	205
## 979	979	52	26	68	92068	1	0.80	3	0
## 980	980	50	26	48	94720	4	0.10	3	0
## 981	981	38	13	114	92697	1	1.00	3	0
## 982	982	36	12	142	90064	3	2.30	2	0
## 983	983	58	33	52	94402	3	0.50	2	0
## 984	984	46	22	142	92220	2	3.30	1	0
## 985	985	50	25	15	92173	1	0.40	3	0
## 986	986	46	22	118	92120	1	4.70	1	159
## 987	987	53	27	101	90245	4	4.90	1	0
## 988	988	62	36	84	94609	2	2.80	1	0
## 989	989	63	39	32	94998	1	1.90	2	100
## 990	990	42	16	64	94607	3	0.50	3	247
## 991	991	34	10	81	94002	4	3.40	1	0
## 992	992	40	14	28	94025	4	1.50	3	0
## 993	993	34	9	93	94608	1	0.00	1	0
## 994	994	41	15	185	91775	1	3.60	2	0
## 995	995	32	8	42	90650	1	1.80	2	0
## 996	996	28	3	45	94305	2	1.60	3	0
## 997	997	33	6	49	92037	2	1.67	2	214
## 998	998	46	20	69	92780	3	2.10	1	0
## 999	999	52	27	94	93106	1	2.80	2	333
## 1000	1000	60	35	18	92120	1	1.50	2	0
## 1001	1001	59	35	8	92691	4	0.70	1	91
## 1002	1002	57	32	55	90717	4	2.10	1	108
## 1003	1003	46	20	85	95617	2	0.40	3	0
## 1004	1004	25	1	62	94720	4	0.00	1	229
## 1005	1005	53	23	65	95054	4	2.00	3	0
## 1006	1006	38	12	138	95112	2	0.00	1	0
## 1007	1007	63	38	103	91103	1	2.50	1	0
## 1008	1008	44	19	99	95064	3	3.50	3	357
## 1009	1009	50	24	152	92220	1	7.30	1	0
## 1010	1010	28	3	25	91330	2	0.90	3	140
## 1011	1011	27	3	98	95616	2	2.50	1	361
## 1012	1012	52	27	39	94304	2	0.70	2	166
## 1013	1013	50	25	40	95820	1	1.30	2	0
## 1014	1014	39	13	58	94551	3	2.10	1	169
## 1015	1015	50	26	192	90245	2	1.80	3	301
## 1016	1016	60	34	62	94303	1	0.80	2	0
## 1017	1017	30	5	69	94720	1	0.80	2	0
## 1018	1018	31	5	40	94305	4	1.30	3	170
## 1019	1019	39	15	61	90018	2	0.60	3	127

##	1020	1020	29	3	30	91745	4	0.30	2	157
##	1021	1021	54	29	29	90071	1	1.50	2	97
##	1022	1022	35	8	41	92612	2	1.00	2	0
##	1023	1023	27	3	118	95605	1	3.30	2	0
##	1024	1024	45	20	109	94117	1	7.00	1	366
##	1025	1025	58	33	122	93711	4	0.20	2	0
##	1026	1026	62	37	50	94545	3	1.50	1	169
##	1027	1027	28	4	43	95616	3	0.10	2	0
##	1028	1028	32	7	108	94550	1	4.60	1	0
##	1029	1029	29	4	110	92096	4	2.50	3	0
##	1030	1030	41	17	20	94720	1	1.40	3	0
##	1031	1031	61	35	112	90024	4	1.70	3	0
##	1032	1032	56	32	25	95403	1	0.10	2	136
##	1033	1033	37	12	42	94720	3	0.70	2	0
##	1034	1034	60	34	29	95973	2	0.30	1	0
##	1035	1035	49	23	84	90095	3	2.10	1	134
##	1036	1036	43	17	81	94720	4	2.60	3	0
##	1037	1037	53	28	55	94720	4	0.90	1	119
##	1038	1038	35	11	40	93106	1	2.40	2	0
##	1039	1039	56	30	145	95831	4	5.70	2	0
##	1040	1040	41	16	175	94304	2	1.10	3	0
##	1041	1041	36	6	78	91107	4	1.80	3	163
##	1042	1042	56	32	51	92780	4	1.50	1	0
##	1043	1043	64	34	50	95616	4	1.67	3	0
##	1044	1044	51	27	21	95630	3	0.40	1	0
##	1045	1045	49	24	79	95827	1	0.20	2	83
##	1046	1046	43	18	84	92096	1	4.00	3	0
##	1047	1047	51	26	34	94105	4	0.40	2	0
##	1048	1048	55	31	73	94143	4	1.60	2	0
##	1049	1049	62	37	90	95747	3	0.50	1	0
##	1050	1050	35	10	23	94501	4	0.20	3	0
##	1051	1051	53	27	145	90095	2	6.10	3	294
##	1052	1052	33	7	54	92886	4	0.20	1	141
##	1053	1053	43	17	49	95812	3	2.20	2	103
##	1054	1054	58	32	51	95819	1	2.80	2	0
##	1055	1055	63	38	8	95136	4	0.60	2	0
##	1056	1056	31	6	62	95630	1	1.00	1	0
##	1057	1057	36	6	25	95020	1	0.67	3	0
##	1058	1058	30	0	63	95503	2	1.75	3	0
##	1059	1059	59	34	24	94105	2	0.20	3	86
##	1060	1060	28	2	11	91203	1	0.10	2	0
##	1061	1061	59	34	23	93111	1	0.10	1	0
##	1062	1062	47	22	33	91105	1	1.40	3	0
##	1063	1063	47	21	83	92220	1	3.80	1	97
##	1064	1064	56	30	39	90024	3	1.40	1	131
##	1065	1065	41	17	138	95008	3	6.90	2	0
##	1066	1066	25	1	113	90401	3	2.50	1	0
##	1067	1067	30	5	125	90016	4	0.50	3	0
##	1068	1068	50	24	195	95035	1	1.70	1	0
##	1069	1069	34	9	105	90035	3	1.20	3	0
##	1070	1070	44	18	75	91203	2	3.50	1	0
##	1071	1071	36	9	40	90840	2	1.00	2	0
##	1072	1072	39	14	61	94005	3	0.50	3	137
##	1073	1073	54	24	75	90089	2	4.50	3	0

##	1074	1074	33	8	122	94583	1	0.00	1	0
##	1075	1075	39	14	75	95762	3	3.00	1	0
##	1076	1076	41	15	59	90024	4	0.20	3	0
##	1077	1077	40	13	24	94608	3	1.00	2	0
##	1078	1078	29	3	175	90095	3	3.30	3	329
##	1079	1079	51	27	39	92709	2	0.80	1	182
##	1080	1080	54	30	145	94591	2	6.80	1	0
##	1081	1081	47	22	24	90717	4	0.40	2	142
##	1082	1082	53	28	20	94080	3	0.10	2	0
##	1083	1083	30	5	85	94115	1	2.60	2	0
##	1084	1084	28	3	65	95014	3	2.60	3	0
##	1085	1085	60	35	191	93407	4	5.60	3	0
##	1086	1086	51	26	11	92612	2	0.00	1	0
##	1087	1087	63	37	40	94024	2	1.00	3	167
##	1088	1088	38	13	54	92028	3	0.70	2	196
##	1089	1089	59	35	95	95521	1	3.80	1	0
##	1090	1090	53	29	94	92103	4	1.00	2	0
##	1091	1091	31	5	79	94720	4	2.20	2	0
##	1092	1092	41	17	48	94720	3	0.30	3	0
##	1093	1093	25	1	70	92120	4	2.60	1	0
##	1094	1094	27	3	40	94550	3	0.10	2	111
##	1095	1095	50	24	44	94086	4	1.80	1	0
##	1096	1096	50	25	43	92129	1	1.40	3	137
##	1097	1097	43	18	29	90245	1	0.30	3	0
##	1098	1098	50	24	188	92007	3	1.30	1	184
##	1099	1099	46	20	114	90720	1	0.00	1	0
##	1100	1100	30	6	52	92717	3	0.70	2	0
##	1101	1101	42	16	13	91711	1	0.20	1	0
##	1102	1102	42	17	95	90095	3	0.50	3	0
##	1103	1103	29	3	84	95023	1	2.90	3	0
##	1104	1104	38	14	49	90037	1	1.80	1	0
##	1105	1105	51	25	181	93106	1	1.70	1	0
##	1106	1106	35	10	182	95051	1	0.30	2	229
##	1107	1107	37	13	70	92101	2	2.70	1	0
##	1108	1108	47	21	79	94110	3	1.10	1	185
##	1109	1109	55	29	61	95051	4	2.80	2	0
##	1110	1110	65	41	121	92126	2	2.10	1	0
##	1111	1111	58	33	34	92028	3	0.20	1	83
##	1112	1112	54	28	183	90071	1	1.00	1	442
##	1113	1113	52	28	51	94949	1	1.60	3	0
##	1114	1114	28	2	70	90630	3	0.30	3	0
##	1115	1115	32	8	39	95827	1	1.70	1	0
##	1116	1116	51	24	84	94117	3	2.00	2	0
##	1117	1117	43	18	122	92056	1	7.00	1	0
##	1118	1118	42	18	145	94709	1	1.70	1	132
##	1119	1119	42	17	98	95670	2	0.40	1	0
##	1120	1120	41	16	79	96064	1	1.00	3	233
##	1121	1121	34	8	38	94304	2	2.00	3	0
##	1122	1122	30	6	49	91330	3	0.70	2	196
##	1123	1123	32	7	38	90041	1	1.00	1	0
##	1124	1124	46	20	91	92521	4	2.60	3	0
##	1125	1125	38	12	29	94022	4	0.20	1	0
##	1126	1126	37	13	172	95003	2	6.50	1	0
##	1127	1127	32	8	104	95192	2	3.70	1	0

##	1128	1128	35	9	58	91101	1	2.50	1	0
##	1129	1129	30	5	171	94025	2	1.90	2	0
##	1130	1130	30	4	73	94305	3	3.30	1	0
##	1131	1131	58	32	191	94402	1	2.90	1	0
##	1132	1132	57	27	90	91709	2	4.50	3	0
##	1133	1133	34	9	55	94920	3	2.30	1	0
##	1134	1134	31	4	28	94126	1	2.00	2	0
##	1135	1135	39	14	42	95616	1	2.50	3	0
##	1136	1136	57	33	9	93106	1	0.10	2	91
##	1137	1137	47	21	65	94086	1	1.50	2	0
##	1138	1138	51	26	134	90230	4	4.50	3	0
##	1139	1139	30	6	83	93101	4	3.40	1	0
##	1140	1140	55	28	38	95616	3	1.00	2	0
##	1141	1141	32	6	13	94611	4	0.30	1	0
##	1142	1142	32	7	143	91365	3	2.90	3	0
##	1143	1143	44	20	75	91335	4	1.90	1	0
##	1144	1144	33	7	120	94022	1	3.20	3	0
##	1145	1145	49	24	91	95822	1	2.80	2	0
##	1146	1146	32	6	99	92101	2	1.50	3	0
##	1147	1147	31	7	71	90034	1	0.10	1	78
##	1148	1148	37	13	111	91367	1	0.80	2	0
##	1149	1149	41	15	108	90034	1	5.20	1	0
##	1150	1150	56	32	158	91763	1	7.40	1	0
##	1151	1151	55	31	81	95521	3	2.67	1	0
##	1152	1152	49	23	12	94720	2	0.10	3	0
##	1153	1153	63	37	21	95831	2	0.40	1	0
##	1154	1154	55	30	55	92821	4	0.90	1	215
##	1155	1155	59	35	42	93555	1	1.80	3	0
##	1156	1156	41	16	81	92653	2	0.40	1	0
##	1157	1157	49	25	13	94305	4	0.20	1	87
##	1158	1158	48	23	132	94998	1	0.60	1	157
##	1159	1159	41	16	99	92660	1	1.00	3	0
##	1160	1160	50	26	23	92028	4	0.20	1	0
##	1161	1161	28	1	40	95134	1	2.00	2	0
##	1162	1162	36	11	181	94309	3	1.40	1	0
##	1163	1163	38	14	112	94501	2	2.20	1	394
##	1164	1164	34	9	138	94720	2	7.80	1	227
##	1165	1165	41	17	94	90071	3	3.80	2	327
##	1166	1166	43	19	113	91203	1	1.70	1	0
##	1167	1167	30	5	112	91711	4	5.00	2	0
##	1168	1168	37	12	190	92354	2	3.00	1	475
##	1169	1169	62	37	38	91706	1	1.10	3	0
##	1170	1170	40	16	32	92110	1	1.40	3	158
##	1171	1171	35	10	104	91320	3	0.60	2	0
##	1172	1172	64	40	43	95014	1	1.90	2	0
##	1173	1173	49	24	45	92104	3	1.70	2	0
##	1174	1174	24	-1	35	94305	2	1.70	2	0
##	1175	1175	36	10	42	93106	4	1.20	2	0
##	1176	1176	29	4	58	91006	1	0.80	2	0
##	1177	1177	29	3	103	90049	4	3.40	1	0
##	1178	1178	28	3	71	90405	1	3.30	2	149
##	1179	1179	33	7	14	94025	1	0.40	2	98
##	1180	1180	36	11	98	90291	3	1.20	3	0
##	1181	1181	42	17	90	90504	1	0.10	2	0

##	1182	1182	25	0	65	90095	4	0.20	1	0
##	1183	1183	28	2	19	94720	4	0.40	1	0
##	1184	1184	50	25	35	94105	3	1.70	2	0
##	1185	1185	34	9	71	90041	4	1.30	1	0
##	1186	1186	43	19	31	94025	3	0.50	1	0
##	1187	1187	62	38	43	94928	4	1.20	2	0
##	1188	1188	61	36	24	94309	1	1.50	2	87
##	1189	1189	45	19	58	94305	2	0.40	3	0
##	1190	1190	42	17	115	92717	2	0.40	1	0
##	1191	1191	39	15	168	93117	2	8.00	1	152
##	1192	1192	29	5	128	94111	1	1.50	1	0
##	1193	1193	45	20	138	92870	1	7.00	1	0
##	1194	1194	58	32	81	92121	3	1.70	2	0
##	1195	1195	29	3	41	94305	4	1.30	3	0
##	1196	1196	32	7	123	92407	2	2.90	2	0
##	1197	1197	37	13	71	94609	2	2.70	1	94
##	1198	1198	48	23	8	92866	1	0.40	3	0
##	1199	1199	40	14	42	94801	2	0.70	1	101
##	1200	1200	29	4	62	92064	2	2.50	1	184
##	1201	1201	36	12	22	92507	4	1.00	1	91
##	1202	1202	35	8	38	95060	4	1.00	2	0
##	1203	1203	35	11	24	95521	4	0.40	2	0
##	1204	1204	62	37	50	91311	3	2.40	1	0
##	1205	1205	26	1	190	91604	4	1.30	2	197
##	1206	1206	32	7	94	91361	2	3.10	1	0
##	1207	1207	63	37	165	95035	4	5.10	3	0
##	1208	1208	38	12	43	94301	4	1.20	2	0
##	1209	1209	50	26	48	91711	1	1.60	2	0
##	1210	1210	46	21	52	91304	3	2.70	2	228
##	1211	1211	50	24	84	93943	4	4.90	1	0
##	1212	1212	61	36	131	92407	1	0.90	1	0
##	1213	1213	34	8	44	91101	4	0.20	1	0
##	1214	1214	27	2	78	93943	4	0.20	1	87
##	1215	1215	61	36	15	92521	4	0.40	2	0
##	1216	1216	45	20	38	94550	4	1.90	3	144
##	1217	1217	50	25	84	91107	1	1.30	3	0
##	1218	1218	44	20	122	94305	1	0.30	1	0
##	1219	1219	62	36	98	92122	2	2.80	1	0
##	1220	1220	45	18	80	92407	3	2.67	2	0
##	1221	1221	41	17	165	94143	2	8.00	1	0
##	1222	1222	30	5	121	94132	2	3.30	1	0
##	1223	1223	61	37	20	90011	3	0.40	2	94
##	1224	1224	45	19	11	96150	1	0.20	1	91
##	1225	1225	59	35	45	94920	1	1.80	3	0
##	1226	1226	30	6	118	94534	2	2.80	2	0
##	1227	1227	60	36	14	90089	2	0.30	1	109
##	1228	1228	39	13	30	92122	3	0.20	2	0
##	1229	1229	56	30	45	92870	1	0.20	1	98
##	1230	1230	56	32	80	94596	3	2.67	1	0
##	1231	1231	27	1	25	94920	4	0.30	2	0
##	1232	1232	66	41	144	94306	1	2.50	1	0
##	1233	1233	43	19	84	92646	4	0.20	3	297
##	1234	1234	53	29	22	93943	2	0.40	1	0
##	1235	1235	44	18	33	90405	3	1.50	1	0



##	1236	1236	54	28	60	94110	4	2.60	3	0
##	1237	1237	31	6	81	95762	4	2.20	2	116
##	1238	1238	38	13	169	92093	1	6.80	3	0
##	1239	1239	28	2	63	91116	2	1.60	3	0
##	1240	1240	51	26	12	90245	2	0.70	3	109
##	1241	1241	52	27	15	91320	4	0.80	1	101
##	1242	1242	64	38	39	92120	1	0.50	3	0
##	1243	1243	29	4	44	91380	4	2.00	2	0
##	1244	1244	34	10	110	92697	1	4.00	1	0
##	1245	1245	33	8	130	94720	3	6.30	2	99
##	1246	1246	46	21	41	94025	1	1.40	3	128
##	1247	1247	48	22	59	91775	1	1.40	3	241
##	1248	1248	52	28	39	94606	2	0.80	1	0
##	1249	1249	44	19	35	94305	4	0.00	2	0
##	1250	1250	51	27	80	90032	1	2.60	2	0
##	1251	1251	47	20	81	94301	1	2.67	2	0
##	1252	1252	39	13	31	95120	2	0.80	3	0
##	1253	1253	42	17	93	92182	4	1.90	3	0
##	1254	1254	57	33	45	92346	4	1.50	1	204
##	1255	1255	36	12	40	91101	2	0.60	3	0
##	1256	1256	27	1	80	95354	2	1.60	3	185
##	1257	1257	31	7	20	92115	1	0.40	3	0
##	1258	1258	63	37	41	93014	1	0.50	3	0
##	1259	1259	34	8	31	91203	1	0.30	1	104
##	1260	1260	52	27	35	95616	4	0.20	2	0
##	1261	1261	57	31	40	91107	3	1.40	3	137
##	1262	1262	63	39	84	94901	1	1.80	3	0
##	1263	1263	26	1	53	94720	2	1.60	3	0
##	1264	1264	35	5	85	92870	4	4.00	3	0
##	1265	1265	58	33	138	94546	2	3.90	1	0
##	1266	1266	32	2	71	95014	2	1.75	3	108
##	1267	1267	64	39	113	92121	1	0.80	3	0
##	1268	1268	50	23	23	94720	2	1.00	2	0
##	1269	1269	34	9	62	92677	3	2.30	1	0
##	1270	1270	36	11	14	92673	4	0.20	3	100
##	1271	1271	43	18	60	91311	2	2.20	3	0
##	1272	1272	28	4	94	92115	3	0.80	1	236
##	1273	1273	64	39	83	95616	3	1.80	2	0
##	1274	1274	60	35	130	95741	3	6.30	3	437
##	1275	1275	62	37	61	93117	4	1.70	1	0
##	1276	1276	27	2	92	95616	2	3.10	1	178
##	1277	1277	42	16	20	95351	2	0.80	3	117
##	1278	1278	45	20	194	92110	2	8.80	1	428
##	1279	1279	36	10	74	94305	1	2.50	1	0
##	1280	1280	48	22	84	90024	2	0.40	3	145
##	1281	1281	65	40	98	95064	3	1.80	2	333
##	1282	1282	39	15	52	92093	3	2.33	1	0
##	1283	1283	51	26	55	93955	1	1.30	2	236
##	1284	1284	30	6	64	94305	4	3.40	1	117
##	1285	1285	65	40	128	90740	1	2.50	1	162
##	1286	1286	38	13	113	94720	4	1.70	2	0
##	1287	1287	29	3	50	94010	3	1.10	2	0
##	1288	1288	42	18	54	94010	4	2.20	2	0
##	1289	1289	63	38	129	91326	1	0.90	1	366

##	1290	1290	46	21	82	94523	4	0.40	1	0
##	1291	1291	62	38	100	90277	4	1.70	2	0
##	1292	1292	58	34	44	94111	4	2.20	1	0
##	1293	1293	56	30	164	94610	4	0.50	2	234
##	1294	1294	56	31	81	92373	2	3.70	1	121
##	1295	1295	34	10	71	95003	1	0.10	1	257
##	1296	1296	42	17	28	92866	1	0.50	3	90
##	1297	1297	30	6	80	92399	3	1.50	1	219
##	1298	1298	61	35	90	95814	4	1.90	2	0
##	1299	1299	38	14	74	90274	1	3.60	2	0
##	1300	1300	50	25	14	95762	2	0.70	3	0
##	1301	1301	61	36	23	91754	2	0.50	2	103
##	1302	1302	41	17	153	92121	1	1.70	1	337
##	1303	1303	42	16	38	94087	3	0.90	3	0
##	1304	1304	29	5	112	94720	2	2.00	2	382
##	1305	1305	51	26	145	90025	1	8.10	1	397
##	1306	1306	32	6	28	94025	2	0.30	2	88
##	1307	1307	34	9	31	94115	4	1.10	3	0
##	1308	1308	26	2	195	94546	1	6.33	1	0
##	1309	1309	54	24	50	92037	3	2.00	3	0
##	1310	1310	38	14	71	95136	4	2.00	3	0
##	1311	1311	62	36	21	95616	3	0.30	3	0
##	1312	1312	37	11	35	90044	2	0.80	3	125
##	1313	1313	46	21	42	92691	1	2.40	1	0
##	1314	1314	52	27	78	92008	4	3.60	3	141
##	1315	1315	32	6	73	94305	4	2.20	2	0
##	1316	1316	49	25	53	95134	2	1.00	3	181
##	1317	1317	28	3	51	94086	2	1.60	3	123
##	1318	1318	55	30	40	95521	2	2.30	3	0
##	1319	1319	52	26	178	94234	1	1.00	1	0
##	1320	1320	32	6	35	94005	2	0.30	1	0
##	1321	1321	31	7	192	90250	1	0.00	2	0
##	1322	1322	27	3	123	95138	1	5.40	1	0
##	1323	1323	32	5	48	94022	2	1.67	2	0
##	1324	1324	52	26	45	91604	3	0.60	2	0
##	1325	1325	52	28	15	95064	1	0.20	1	0
##	1326	1326	50	24	79	94304	1	0.30	1	120
##	1327	1327	32	5	63	90024	4	2.00	2	0
##	1328	1328	61	35	30	94720	2	0.20	3	0
##	1329	1329	60	36	145	95616	4	6.90	1	380
##	1330	1330	28	4	32	90095	3	1.00	2	0
##	1331	1331	34	9	64	92346	2	0.10	1	224
##	1332	1332	31	7	84	92692	1	0.10	1	0
##	1333	1333	31	5	21	94309	1	0.40	2	0
##	1334	1334	62	38	99	95014	4	1.70	2	0
##	1335	1335	47	22	35	94304	2	1.30	1	0
##	1336	1336	50	24	180	94539	1	1.70	1	0
##	1337	1337	36	12	42	93555	1	1.33	1	0
##	1338	1338	26	0	179	92028	4	2.10	2	0
##	1339	1339	51	27	42	90245	4	0.10	3	0
##	1340	1340	52	25	180	94545	2	9.00	2	297
##	1341	1341	35	11	82	94131	4	3.40	1	0
##	1342	1342	42	16	55	91355	2	0.70	1	149
##	1343	1343	36	12	79	90041	2	2.20	1	0

##	1344	1344	41	17	48	92831	2	0.60	3	215
##	1345	1345	49	25	93	93117	1	2.70	1	0
##	1346	1346	57	32	23	92126	2	0.20	3	0
##	1347	1347	44	20	50	95670	3	2.33	1	200
##	1348	1348	60	34	85	91367	2	2.00	1	0
##	1349	1349	38	14	35	95051	1	1.50	2	97
##	1350	1350	26	2	171	93943	3	6.00	2	0
##	1351	1351	29	2	29	90266	4	1.50	2	0
##	1352	1352	59	35	84	94588	1	1.80	3	0
##	1353	1353	51	27	20	90401	4	0.50	2	0
##	1354	1354	50	25	14	94124	1	0.40	3	0
##	1355	1355	35	10	179	91942	1	8.60	1	357
##	1356	1356	61	37	48	91910	1	0.80	1	158
##	1357	1357	42	16	74	90066	1	2.80	1	0
##	1358	1358	55	29	53	95134	1	1.40	1	0
##	1359	1359	50	25	83	92007	1	2.80	2	0
##	1360	1360	64	40	171	90034	2	2.10	1	433
##	1361	1361	54	28	85	92028	4	4.90	1	0
##	1362	1362	50	26	38	95039	4	0.90	2	0
##	1363	1363	31	5	85	92130	3	1.60	1	157
##	1364	1364	32	8	79	92115	1	0.10	1	0
##	1365	1365	44	19	69	92129	4	0.40	1	0
##	1366	1366	60	35	43	94720	3	0.90	3	0
##	1367	1367	60	34	33	91107	2	0.30	1	101
##	1368	1368	62	38	42	95747	3	0.10	3	149
##	1369	1369	46	21	40	94025	4	1.90	3	122
##	1370	1370	57	33	43	91902	1	1.80	3	0
##	1371	1371	30	5	20	94545	4	0.50	3	117
##	1372	1372	58	32	65	95621	3	2.50	1	222
##	1373	1373	39	13	139	95616	3	3.40	1	483
##	1374	1374	60	35	135	92612	3	0.30	3	0
##	1375	1375	59	34	84	94043	3	1.60	3	0
##	1376	1376	50	26	179	92612	1	2.90	3	0
##	1377	1377	63	39	45	92870	4	1.30	2	86
##	1378	1378	27	3	109	93023	2	2.50	1	0
##	1379	1379	54	29	34	93305	4	0.10	3	0
##	1380	1380	62	37	162	95051	1	1.30	1	0
##	1381	1381	60	34	105	92103	2	1.40	1	0
##	1382	1382	38	12	22	91380	3	0.20	2	0
##	1383	1383	34	8	82	91775	2	1.80	1	178
##	1384	1384	65	41	105	95616	4	1.70	2	230
##	1385	1385	55	31	62	91711	1	1.80	3	0
##	1386	1386	57	31	82	95032	2	2.00	1	83
##	1387	1387	27	3	72	95616	4	0.00	1	0
##	1388	1388	35	10	38	95762	4	1.70	1	0
##	1389	1389	52	28	25	90212	4	1.00	1	0
##	1390	1390	45	15	20	94107	1	0.75	3	0
##	1391	1391	29	3	80	94305	4	1.80	2	0
##	1392	1392	44	18	84	91330	3	1.10	1	0
##	1393	1393	47	23	33	90095	1	1.00	1	0
##	1394	1394	62	37	55	95039	3	0.90	3	0
##	1395	1395	52	27	33	90095	2	0.70	2	0
##	1396	1396	47	23	190	92831	4	0.30	3	305
##	1397	1397	42	18	43	91107	1	0.30	3	158

##	1398	1398	65	41	45	95521	3	0.10	3	0
##	1399	1399	42	18	141	93407	1	3.50	1	0
##	1400	1400	40	16	69	92009	4	2.40	1	0
##	1401	1401	32	8	78	90401	4	0.10	2	0
##	1402	1402	40	15	84	94521	1	3.70	3	0
##	1403	1403	55	29	172	95064	1	5.20	2	0
##	1404	1404	32	6	51	93109	4	0.20	1	154
##	1405	1405	58	28	75	92121	1	1.40	3	0
##	1406	1406	46	22	183	91605	1	3.10	2	0
##	1407	1407	53	23	20	92123	4	0.40	3	0
##	1408	1408	63	39	101	94306	2	3.90	3	294
##	1409	1409	40	14	129	90089	1	5.90	3	0
##	1410	1410	41	17	63	90745	2	3.20	1	0
##	1411	1411	60	35	44	92126	4	2.10	1	0
##	1412	1412	65	39	184	91302	1	5.40	3	176
##	1413	1413	59	33	100	95064	2	2.00	1	127
##	1414	1414	48	24	12	90058	3	0.40	1	0
##	1415	1415	59	33	68	94105	2	2.30	3	128
##	1416	1416	33	8	48	94019	1	1.00	1	212
##	1417	1417	40	15	82	93101	2	0.40	1	0
##	1418	1418	42	18	52	94061	2	2.50	1	0
##	1419	1419	65	41	154	92008	2	4.60	2	0
##	1420	1420	30	4	39	91105	1	1.50	1	0
##	1421	1421	30	4	40	91605	1	0.30	1	0
##	1422	1422	42	17	54	94720	4	1.90	3	164
##	1423	1423	32	8	32	94143	2	1.00	2	103
##	1424	1424	55	30	64	90250	2	2.30	3	0
##	1425	1425	29	3	92	94539	2	1.30	1	287
##	1426	1426	64	38	40	91330	1	2.50	3	94
##	1427	1427	37	11	60	96651	3	0.50	3	0
##	1428	1428	31	5	85	95828	2	1.30	1	119
##	1429	1429	25	-1	21	94583	4	0.40	1	90
##	1430	1430	31	5	35	95064	1	0.60	3	171
##	1431	1431	32	7	52	92660	2	0.10	1	0
##	1432	1432	58	34	128	90058	1	7.40	1	0
##	1433	1433	26	2	195	90245	1	6.33	1	0
##	1434	1434	51	25	68	92647	2	1.50	2	117
##	1435	1435	65	41	55	93106	2	1.10	1	0
##	1436	1436	43	17	55	90266	1	0.20	1	0
##	1437	1437	46	21	80	95054	4	0.40	1	0
##	1438	1438	28	3	123	92007	1	0.80	1	146
##	1439	1439	63	37	90	94105	4	1.90	2	106
##	1440	1440	59	29	61	94025	1	1.40	3	0
##	1441	1441	42	15	41	94610	3	2.50	2	0
##	1442	1442	58	33	43	94720	2	1.60	3	0
##	1443	1443	39	13	71	95822	3	0.10	1	162
##	1444	1444	36	12	25	95051	4	1.00	1	0
##	1445	1445	60	33	154	90740	1	3.00	2	0
##	1446	1446	47	21	141	90095	1	2.40	1	0
##	1447	1447	29	4	22	92661	2	0.90	3	110
##	1448	1448	52	28	145	94131	2	6.80	1	0
##	1449	1449	41	16	49	92122	3	0.50	3	0
##	1450	1450	63	37	109	90740	1	2.00	1	0
##	1451	1451	59	34	80	90086	3	0.50	1	0

##	1452	1452	44	20	82	94555	4	1.40	2	201
##	1453	1453	54	28	52	94102	4	2.50	1	0
##	1454	1454	29	5	85	90232	3	2.50	1	0
##	1455	1455	51	25	148	90024	1	1.00	1	0
##	1456	1456	63	39	160	91330	2	2.10	1	0
##	1457	1457	36	11	39	90095	4	1.70	1	0
##	1458	1458	42	16	25	94304	2	0.80	3	0
##	1459	1459	51	25	33	93033	1	1.40	3	0
##	1460	1460	47	20	38	92115	3	2.50	2	0
##	1461	1461	40	16	85	92677	4	0.20	3	0
##	1462	1462	54	28	48	93022	1	0.20	1	0
##	1463	1463	47	21	15	95207	4	0.60	3	77
##	1464	1464	35	10	94	91343	1	0.00	1	174
##	1465	1465	28	4	120	92333	2	0.60	1	0
##	1466	1466	45	19	60	91911	1	0.70	3	159
##	1467	1467	33	9	145	94303	2	4.33	1	277
##	1468	1468	62	36	29	91107	2	0.70	3	0
##	1469	1469	45	18	78	92129	3	2.67	2	0
##	1470	1470	59	35	59	90005	4	1.20	2	0
##	1471	1471	58	28	80	91116	2	4.50	3	0
##	1472	1472	52	26	180	94305	1	1.00	1	0
##	1473	1473	34	8	8	94710	3	0.10	2	83
##	1474	1474	65	35	23	91711	1	1.50	3	0
##	1475	1475	48	23	79	92124	2	3.80	3	0
##	1476	1476	44	19	78	92064	2	3.80	3	268
##	1477	1477	61	37	64	92028	1	0.00	2	0
##	1478	1478	40	14	64	91320	4	0.20	3	0
##	1479	1479	65	39	160	94803	4	3.80	1	237
##	1480	1480	28	4	43	91304	1	1.00	3	102
##	1481	1481	67	42	32	93943	1	1.10	3	0
##	1482	1482	35	9	179	91125	2	0.00	1	76
##	1483	1483	60	35	8	94143	1	0.10	1	0
##	1484	1484	58	32	63	92717	1	1.60	1	0
##	1485	1485	55	30	40	94126	2	2.30	3	0
##	1486	1486	34	9	99	90245	4	2.20	2	155
##	1487	1487	35	9	141	93022	2	4.50	2	0
##	1488	1488	28	4	159	93907	1	1.50	1	0
##	1489	1489	38	12	39	95825	2	0.30	1	174
##	1490	1490	62	38	99	91604	4	1.70	2	0
##	1491	1491	30	4	18	95020	4	0.30	2	0
##	1492	1492	38	12	38	94553	2	0.30	1	0
##	1493	1493	33	8	133	90024	1	0.00	1	0
##	1494	1494	58	34	84	91380	2	2.80	1	0
##	1495	1495	59	35	60	90089	1	0.00	2	0
##	1496	1496	52	28	178	92647	3	5.40	3	147
##	1497	1497	36	12	18	91330	1	0.50	3	0
##	1498	1498	45	21	73	95020	1	0.80	3	0
##	1499	1499	49	23	125	94022	1	7.30	1	0
##	1500	1500	52	26	91	92173	1	4.30	2	0
##	1501	1501	54	28	74	95014	2	1.10	1	0
##	1502	1502	30	4	35	92130	2	0.30	2	0
##	1503	1503	65	39	113	90036	1	2.00	1	0
##	1504	1504	34	8	52	94720	4	2.20	2	0
##	1505	1505	30	6	191	92028	2	4.40	2	0

##	1506	1506	51	25	18	92109	1	0.30	3	93
##	1507	1507	52	27	25	95138	2	0.00	1	0
##	1508	1508	43	18	50	91006	4	1.90	3	0
##	1509	1509	35	10	75	93940	4	0.70	3	0
##	1510	1510	56	26	92	92647	2	4.50	3	0
##	1511	1511	57	32	33	95747	2	2.00	2	0
##	1512	1512	58	32	65	90266	3	2.20	3	0
##	1513	1513	53	28	44	91604	3	1.70	1	0
##	1514	1514	45	21	183	95211	2	1.40	1	354
##	1515	1515	44	20	175	96150	2	1.40	1	0
##	1516	1516	54	28	28	94305	4	1.50	3	0
##	1517	1517	41	17	49	92130	4	2.20	2	0
##	1518	1518	52	26	45	92697	4	1.80	1	0
##	1519	1519	43	17	64	95053	4	3.00	3	221
##	1520	1520	63	38	22	92115	3	0.10	3	90
##	1521	1521	54	30	120	95039	1	7.40	1	119
##	1522	1522	33	8	175	92354	2	6.70	1	102
##	1523	1523	25	-1	101	94720	4	2.30	3	256
##	1524	1524	41	16	104	92037	1	1.00	3	0
##	1525	1525	40	16	155	94002	4	0.10	3	0
##	1526	1526	43	18	58	95747	1	2.40	1	0
##	1527	1527	36	10	80	94608	4	2.20	2	0
##	1528	1528	57	33	45	94117	1	1.80	3	195
##	1529	1529	34	9	134	94550	1	4.60	1	164
##	1530	1530	38	14	58	91709	4	2.00	3	153
##	1531	1531	47	21	20	94066	1	0.20	1	0
##	1532	1532	39	13	25	90304	4	1.50	3	0
##	1533	1533	45	20	55	94588	1	0.30	1	0
##	1534	1534	62	37	155	93943	1	1.30	1	0
##	1535	1535	59	34	30	92084	1	1.30	1	0
##	1536	1536	61	37	39	92096	4	0.40	1	0
##	1537	1537	36	12	73	95617	4	2.00	3	188
##	1538	1538	58	34	41	94608	4	1.30	1	0
##	1539	1539	55	30	34	95820	4	0.10	3	157
##	1540	1540	29	5	21	90601	3	0.90	3	119
##	1541	1541	34	8	11	91320	4	0.30	1	0
##	1542	1542	61	35	154	92704	2	6.90	1	0
##	1543	1543	50	20	19	92612	4	0.40	3	0
##	1544	1544	52	26	101	93407	2	2.40	2	0
##	1545	1545	39	15	24	92123	1	1.00	1	116
##	1546	1546	55	29	131	92675	2	2.70	1	0
##	1547	1547	33	9	105	95136	1	4.00	1	0
##	1548	1548	47	21	52	94720	1	1.20	2	194
##	1549	1549	57	32	21	92037	4	0.90	2	113
##	1550	1550	57	31	45	94305	3	1.40	1	198
##	1551	1551	40	14	39	93117	1	2.00	1	0
##	1552	1552	50	25	192	94115	2	2.80	1	238
##	1553	1553	29	5	195	94301	1	4.30	1	0
##	1554	1554	46	22	83	95616	3	0.70	1	0
##	1555	1555	42	15	34	91302	3	1.00	2	0
##	1556	1556	59	33	49	93009	4	1.70	2	104
##	1557	1557	31	1	60	94143	4	4.00	3	244
##	1558	1558	51	25	41	94939	4	1.80	1	0
##	1559	1559	35	10	72	91320	3	2.30	1	285

##	1560	1560	59	35	102	92677	4	3.00	2	115
##	1561	1561	35	10	31	95605	3	1.30	1	0
##	1562	1562	46	20	73	93106	1	1.50	2	128
##	1563	1563	34	9	89	91763	1	0.00	1	0
##	1564	1564	55	29	19	92109	4	0.70	3	121
##	1565	1565	64	40	63	94706	4	1.20	2	0
##	1566	1566	34	9	104	95758	3	1.20	3	0
##	1567	1567	61	35	40	95064	1	0.80	2	128
##	1568	1568	63	39	92	94710	2	0.00	3	0
##	1569	1569	59	33	72	92350	2	0.70	2	226
##	1570	1570	51	27	44	94305	3	1.90	2	141
##	1571	1571	41	16	114	94705	4	3.50	1	0
##	1572	1572	37	13	73	95758	4	2.40	1	0
##	1573	1573	64	40	63	91711	4	1.20	2	0
##	1574	1574	44	20	69	92028	1	0.80	3	184
##	1575	1575	62	37	42	92106	3	1.50	1	0
##	1576	1576	50	26	88	90037	1	2.70	1	0
##	1577	1577	43	18	98	92131	2	0.40	1	0
##	1578	1578	34	8	65	92093	1	3.00	1	227
##	1579	1579	38	13	12	94143	2	0.30	2	104
##	1580	1580	29	5	122	94305	4	3.00	1	0
##	1581	1581	39	14	12	92093	2	0.00	3	0
##	1582	1582	53	29	24	94105	2	0.20	1	0
##	1583	1583	43	19	170	92037	4	4.25	1	318
##	1584	1584	61	36	184	92028	4	2.30	2	342
##	1585	1585	46	20	25	93401	4	0.60	3	125
##	1586	1586	57	31	131	90502	2	2.70	1	0
##	1587	1587	59	33	50	94122	2	2.30	3	0
##	1588	1588	52	28	21	94035	2	0.40	1	0
##	1589	1589	29	3	55	95616	3	1.10	2	0
##	1590	1590	57	32	124	90049	1	0.20	2	0
##	1591	1591	49	23	58	95819	4	2.60	1	188
##	1592	1592	39	13	72	95817	2	2.80	1	0
##	1593	1593	56	31	192	90089	1	7.00	3	0
##	1594	1594	63	38	83	91320	3	1.80	2	0
##	1595	1595	37	12	93	90025	1	2.80	1	0
##	1596	1596	56	26	38	94305	3	1.00	3	110
##	1597	1597	45	20	55	92606	4	1.90	3	164
##	1598	1598	66	41	11	92325	3	0.10	3	0
##	1599	1599	40	15	85	94550	2	0.40	1	0
##	1600	1600	50	24	124	93305	1	4.90	1	266
##	1601	1601	60	36	129	92028	2	6.00	1	0
##	1602	1602	31	7	180	93407	1	4.30	1	0
##	1603	1603	40	14	74	90245	4	1.40	2	0
##	1604	1604	36	6	138	92152	1	7.00	3	86
##	1605	1605	55	29	111	90502	2	3.60	3	0
##	1606	1606	54	28	83	93555	3	0.80	1	0
##	1607	1607	35	10	33	90266	4	1.70	1	87
##	1608	1608	55	29	21	92028	4	0.70	3	0
##	1609	1609	36	10	35	94608	2	0.30	1	98
##	1610	1610	66	41	105	93023	1	0.80	3	0
##	1611	1611	38	14	103	94305	1	0.80	2	0
##	1612	1612	58	32	75	92096	2	2.30	3	0
##	1613	1613	41	17	33	94550	1	0.70	1	104

##	1614	1614	60	34	52	94305	4	1.70	2	0
##	1615	1615	47	23	89	94920	1	2.60	2	0
##	1616	1616	62	36	63	93109	1	2.50	3	0
##	1617	1617	48	23	84	94402	4	3.10	2	0
##	1618	1618	61	36	44	91302	4	2.10	1	0
##	1619	1619	29	3	29	94720	3	1.00	1	0
##	1620	1620	45	21	29	90005	1	0.30	3	0
##	1621	1621	39	14	22	94035	2	0.30	2	0
##	1622	1622	31	6	53	92093	4	2.20	1	114
##	1623	1623	39	14	24	94611	2	0.30	2	0
##	1624	1624	63	38	153	90045	1	1.30	1	455
##	1625	1625	28	2	31	90024	2	0.30	2	0
##	1626	1626	56	30	21	94542	2	0.70	2	0
##	1627	1627	31	6	180	93108	2	6.70	1	0
##	1628	1628	46	20	82	91016	3	0.70	2	0
##	1629	1629	42	18	90	95064	4	0.80	1	245
##	1630	1630	53	29	154	93407	4	7.40	3	0
##	1631	1631	41	17	99	92096	2	1.80	2	0
##	1632	1632	61	36	153	91105	1	2.60	2	0
##	1633	1633	31	5	93	95032	2	3.10	2	0
##	1634	1634	62	38	53	92121	1	0.00	2	0
##	1635	1635	59	34	18	95814	3	1.30	2	104
##	1636	1636	49	24	70	91330	1	2.90	1	0
##	1637	1637	65	39	100	92122	4	1.70	3	0
##	1638	1638	30	6	193	94022	3	6.30	3	0
##	1639	1639	32	7	125	95133	1	0.00	1	0
##	1640	1640	56	31	68	94571	2	0.00	3	0
##	1641	1641	36	10	55	90009	1	2.00	1	95
##	1642	1642	58	34	152	92182	4	3.60	3	0
##	1643	1643	27	3	84	95814	3	1.50	1	0
##	1644	1644	41	16	13	91125	2	0.00	3	0
##	1645	1645	59	35	33	91355	4	0.40	1	131
##	1646	1646	56	32	89	92096	4	1.00	2	90
##	1647	1647	52	26	93	91745	1	2.40	1	0
##	1648	1648	35	5	68	90509	4	1.80	3	0
##	1649	1649	47	21	85	93106	2	1.70	2	0
##	1650	1650	29	4	73	95039	1	0.80	2	0
##	1651	1651	31	6	83	92131	4	2.20	2	106
##	1652	1652	62	36	158	94301	2	6.30	3	0
##	1653	1653	48	18	182	92626	4	6.00	3	0
##	1654	1654	26	1	24	96651	2	0.90	3	123
##	1655	1655	60	34	102	94305	2	2.00	1	0
##	1656	1656	35	11	53	91355	3	2.80	1	0
##	1657	1657	40	15	175	92646	2	3.30	1	0
##	1658	1658	31	5	28	94538	3	1.00	1	0
##	1659	1659	50	25	14	92037	4	0.80	1	0
##	1660	1660	33	7	139	95828	1	4.00	3	106
##	1661	1661	37	11	34	95747	3	0.90	1	0
##	1662	1662	38	14	64	92093	1	1.50	3	0
##	1663	1663	63	38	84	94607	4	0.10	2	0
##	1664	1664	57	32	42	95070	3	0.50	2	0
##	1665	1665	61	35	63	91605	1	1.60	1	0
##	1666	1666	37	12	100	92735	3	1.20	3	341
##	1667	1667	51	25	190	95138	2	4.20	2	0



##	1668	1668	44	20	22	90024	1	1.00	1	91
##	1669	1669	63	37	20	90066	1	0.80	2	0
##	1670	1670	43	18	21	95037	2	1.40	2	0
##	1671	1671	38	14	25	95135	4	0.40	2	101
##	1672	1672	34	9	20	92648	4	1.10	3	0
##	1673	1673	48	23	173	94546	3	0.20	1	0
##	1674	1674	29	5	81	94115	2	2.50	1	0
##	1675	1675	37	11	139	95814	2	0.80	2	421
##	1676	1676	60	35	119	90266	2	3.90	1	0
##	1677	1677	46	20	74	92821	4	2.60	3	104
##	1678	1678	34	10	42	92173	1	1.50	2	131
##	1679	1679	56	30	73	94035	2	1.10	1	0
##	1680	1680	57	31	114	94590	4	5.20	1	0
##	1681	1681	62	36	44	92093	2	1.00	3	0
##	1682	1682	32	8	141	90005	2	4.33	1	0
##	1683	1683	51	26	14	92182	2	0.00	1	103
##	1684	1684	55	29	33	92660	2	0.40	3	0
##	1685	1685	60	34	83	94028	2	2.00	1	249
##	1686	1686	40	16	89	90011	4	0.80	1	155
##	1687	1687	62	38	39	96003	4	2.20	1	0
##	1688	1688	63	39	83	90025	3	2.00	3	0
##	1689	1689	60	34	108	92152	2	2.00	1	359
##	1690	1690	59	34	21	92028	3	1.30	2	0
##	1691	1691	26	1	102	95521	1	1.90	1	0
##	1692	1692	56	32	48	94117	1	1.60	3	0
##	1693	1693	58	32	32	93014	3	1.40	1	0
##	1694	1694	57	31	43	95616	1	0.20	1	0
##	1695	1695	48	23	35	94025	4	0.40	2	118
##	1696	1696	30	6	184	91911	1	6.00	1	0
##	1697	1697	45	21	140	91024	2	7.60	1	132
##	1698	1698	64	38	32	90065	3	0.70	2	0
##	1699	1699	44	20	149	92121	1	1.70	1	0
##	1700	1700	51	25	15	94720	4	0.60	3	0
##	1701	1701	43	16	71	90089	3	2.33	2	0
##	1702	1702	29	3	108	94304	4	1.80	2	0
##	1703	1703	56	30	122	93555	2	0.50	1	0
##	1704	1704	65	41	40	94542	3	0.10	3	0
##	1705	1705	46	22	198	95521	2	6.67	1	0
##	1706	1706	48	24	79	90245	4	1.40	2	0
##	1707	1707	56	31	84	92672	1	0.10	3	0
##	1708	1708	61	37	31	92374	3	0.40	2	0
##	1709	1709	46	20	12	90250	4	0.60	3	0
##	1710	1710	58	34	88	93555	2	1.60	1	0
##	1711	1711	31	5	29	95405	2	0.30	2	131
##	1712	1712	27	3	201	95819	1	6.33	1	158
##	1713	1713	44	20	20	92780	1	1.40	3	0
##	1714	1714	44	20	15	90405	1	1.00	1	0
##	1715	1715	51	27	155	94720	2	0.40	1	107
##	1716	1716	39	13	25	95370	3	0.20	2	0
##	1717	1717	32	8	200	91330	2	6.50	1	565
##	1718	1718	33	7	101	93727	1	2.70	2	233
##	1719	1719	40	16	19	92028	4	0.40	2	0
##	1720	1720	36	12	188	91304	2	6.50	1	0
##	1721	1721	52	28	8	95060	1	0.30	1	0

##	1722	1722	54	29	59	92867	2	2.30	3	152
##	1723	1723	26	2	72	92647	4	2.60	1	0
##	1724	1724	39	15	55	95821	1	1.50	3	0
##	1725	1725	46	19	24	90025	3	0.67	2	0
##	1726	1726	57	32	19	95348	1	1.30	1	0
##	1727	1727	59	33	71	91335	2	2.30	3	150
##	1728	1728	52	26	54	90049	2	1.50	2	0
##	1729	1729	52	26	28	95405	1	0.30	3	0
##	1730	1730	50	20	25	91320	4	0.40	3	0
##	1731	1731	41	17	51	94402	2	0.60	3	0
##	1732	1732	43	19	125	92122	3	2.40	1	0
##	1733	1733	25	0	88	94566	2	1.80	2	319
##	1734	1734	40	16	125	95125	2	2.20	1	0
##	1735	1735	35	10	79	94720	4	2.10	3	182
##	1736	1736	60	36	31	95051	3	0.40	2	0
##	1737	1737	57	31	131	95133	2	2.70	1	394
##	1738	1738	44	19	70	92399	1	0.20	2	230
##	1739	1739	61	36	38	91129	3	0.90	3	82
##	1740	1740	33	7	83	95211	1	2.50	1	0
##	1741	1741	45	20	59	95008	1	2.40	1	0
##	1742	1742	45	21	121	94066	1	4.70	1	0
##	1743	1743	64	38	42	95929	2	0.70	3	137
##	1744	1744	50	24	32	94701	4	1.80	1	109
##	1745	1745	28	3	29	91105	4	0.80	1	135
##	1746	1746	37	12	40	90065	2	1.10	2	0
##	1747	1747	62	36	25	90740	3	0.30	3	0
##	1748	1748	29	5	21	90717	4	0.40	2	89
##	1749	1749	49	23	79	95819	3	0.70	2	151
##	1750	1750	46	22	52	95814	2	2.10	3	221
##	1751	1751	60	34	61	95521	4	1.70	2	229
##	1752	1752	55	31	25	94720	2	0.20	1	0
##	1753	1753	33	8	155	92717	1	7.40	3	0
##	1754	1754	53	29	25	92008	2	0.40	1	0
##	1755	1755	50	24	80	95616	4	4.90	1	0
##	1756	1756	28	3	55	92647	4	1.70	2	0
##	1757	1757	42	17	23	95053	2	0.00	3	0
##	1758	1758	33	9	60	90630	1	1.20	1	0
##	1759	1759	40	14	54	96003	2	0.70	1	0
##	1760	1760	31	6	44	94720	4	0.80	1	0
##	1761	1761	41	16	33	94309	4	0.00	2	0
##	1762	1762	52	27	45	94720	2	2.00	2	121
##	1763	1763	65	35	55	94526	4	1.67	3	89
##	1764	1764	48	24	134	94105	1	5.00	1	0
##	1765	1765	45	21	44	94596	3	0.60	2	0
##	1766	1766	26	0	149	95051	2	7.20	1	154
##	1767	1767	64	38	22	92697	2	0.20	3	0
##	1768	1768	41	14	74	92691	3	2.33	2	0
##	1769	1769	43	18	128	92093	4	5.30	1	84
##	1770	1770	60	36	62	94061	4	2.20	1	0
##	1771	1771	62	37	9	91320	1	0.10	1	94
##	1772	1772	46	21	9	95023	2	0.70	3	0
##	1773	1773	36	11	15	94720	2	0.30	2	119
##	1774	1774	31	5	28	92037	4	0.80	1	0
##	1775	1775	43	18	83	93109	3	0.50	3	0

## 1776	1776	46	22	73	91360	1	0.80	3	117
## 1777	1777	50	26	42	94080	4	1.10	2	151
## 1778	1778	52	27	34	93117	2	0.70	2	114
## 1779	1779	27	3	32	94710	3	1.00	2	0
## 1780	1780	34	9	68	94720	1	2.80	1	0
## 1781	1781	49	24	82	95051	1	2.90	1	267
## 1782	1782	52	26	19	90650	2	0.70	2	0
## 1783	1783	37	11	60	95825	2	2.80	1	181
## 1784	1784	53	27	192	94720	1	1.70	1	601
## 1785	1785	54	29	119	91355	3	2.00	1	0
## 1786	1786	29	3	190	94080	2	4.50	1	0
## 1787	1787	35	11	34	93117	1	1.50	2	0
## 1788	1788	32	6	44	94608	4	0.20	1	0
## 1789	1789	38	13	23	91116	4	0.20	3	0
## 1790	1790	44	20	171	91330	4	0.70	1	567
## 1791	1791	44	20	43	92124	1	0.30	3	0
## 1792	1792	48	22	139	94309	1	0.00	1	0
## 1793	1793	46	20	118	93009	1	5.70	1	0
## 1794	1794	35	9	113	94596	3	0.80	3	0
## 1795	1795	56	32	98	91355	3	3.90	3	0
## 1796	1796	49	24	70	90024	1	2.90	1	0
## 1797	1797	57	32	42	92831	2	2.10	3	0
## 1798	1798	35	10	143	91365	1	8.60	1	0
## 1799	1799	44	20	185	94086	3	2.70	1	0
## 1800	1800	38	14	28	95821	4	0.40	2	100
## 1801	1801	57	33	45	94080	3	1.50	1	181
## 1802	1802	35	10	78	92121	1	2.60	2	0
## 1803	1803	29	3	121	92806	2	1.30	1	0
## 1804	1804	58	32	59	94542	1	1.60	1	0
## 1805	1805	40	16	64	92661	4	2.67	1	0
## 1806	1806	51	26	15	92373	2	0.00	1	114
## 1807	1807	61	36	10	90740	1	0.10	1	0
## 1808	1808	46	20	61	90036	2	0.40	3	0
## 1809	1809	55	31	50	93010	4	1.50	1	0
## 1810	1810	35	10	79	95045	4	2.10	3	0
## 1811	1811	60	34	35	90025	1	0.20	1	0
## 1812	1812	28	3	11	94534	4	0.50	3	0
## 1813	1813	43	19	128	95054	1	4.70	1	0
## 1814	1814	61	36	55	90033	3	0.90	3	0
## 1815	1815	48	22	79	95747	3	0.70	2	0
## 1816	1816	65	39	18	94923	2	0.40	1	0
## 1817	1817	45	19	91	92373	2	1.70	2	0
## 1818	1818	36	11	9	94604	4	0.20	3	0
## 1819	1819	45	20	62	95818	2	2.20	3	0
## 1820	1820	60	34	59	94110	1	1.60	1	231
## 1821	1821	47	22	25	90404	1	0.10	1	148
## 1822	1822	32	7	54	96008	4	1.30	1	0
## 1823	1823	48	23	112	93014	1	5.10	2	86
## 1824	1824	33	8	125	91320	1	0.00	1	0
## 1825	1825	49	23	194	94022	4	8.30	2	0
## 1826	1826	56	32	161	94720	1	5.80	3	0
## 1827	1827	59	33	35	91105	1	0.20	1	171
## 1828	1828	56	30	113	92704	2	2.70	1	352
## 1829	1829	30	4	25	92123	2	0.30	2	0

##	1830	1830	59	29	45	95630	3	2.00	3	0
##	1831	1831	38	13	119	94571	2	7.80	1	221
##	1832	1832	47	22	30	94118	4	0.40	2	115
##	1833	1833	54	29	79	91330	4	3.80	2	0
##	1834	1834	34	9	178	94303	1	0.80	3	0
##	1835	1835	41	16	23	94143	2	0.30	2	118
##	1836	1836	47	23	171	94546	2	1.40	1	284
##	1837	1837	44	19	74	90041	4	1.90	3	0
##	1838	1838	43	18	103	90089	3	1.00	1	180
##	1839	1839	31	7	99	94720	1	4.00	1	0
##	1840	1840	28	2	43	95616	4	1.30	3	0
##	1841	1841	55	25	23	93106	4	0.40	3	88
##	1842	1842	42	17	91	94583	1	0.10	2	199
##	1843	1843	53	29	93	95051	1	2.70	2	256
##	1844	1844	30	6	154	90230	1	6.00	1	0
##	1845	1845	65	40	21	92717	3	0.10	3	0
##	1846	1846	43	18	65	93065	2	2.20	3	0
##	1847	1847	56	32	15	90089	1	0.10	2	0
##	1848	1848	25	0	52	95126	3	2.60	3	159
##	1849	1849	35	10	30	95032	3	1.30	1	0
##	1850	1850	50	26	42	90630	1	1.60	2	0
##	1851	1851	36	10	20	90033	4	0.30	1	97
##	1852	1852	34	8	60	94015	4	2.20	2	0
##	1853	1853	32	6	54	94596	4	1.80	3	167
##	1854	1854	51	25	60	90401	4	2.60	1	97
##	1855	1855	52	25	41	95403	3	1.00	2	0
##	1856	1856	65	39	30	94304	3	0.70	2	0
##	1857	1857	51	24	21	95014	2	1.00	2	0
##	1858	1858	37	13	105	94066	1	0.80	2	0
##	1859	1859	35	11	65	90747	3	2.80	1	240
##	1860	1860	67	41	20	91741	2	0.40	1	80
##	1861	1861	30	6	179	91103	3	4.90	1	142
##	1862	1862	62	38	161	90274	1	2.90	1	0
##	1863	1863	42	17	82	95616	1	3.70	3	0
##	1864	1864	48	22	43	94588	1	1.20	2	112
##	1865	1865	61	36	61	92103	2	2.80	1	0
##	1866	1866	36	6	90	91342	4	1.80	3	0
##	1867	1867	48	24	90	94523	1	2.60	2	334
##	1868	1868	65	39	21	94553	2	0.40	1	0
##	1869	1869	25	1	118	92833	1	5.40	1	0
##	1870	1870	55	30	44	94025	2	2.00	2	0
##	1871	1871	63	37	110	95032	1	4.10	3	0
##	1872	1872	31	5	99	94065	4	1.80	2	268
##	1873	1873	43	17	98	94402	3	1.10	1	0
##	1874	1874	28	4	69	94538	3	0.70	2	80
##	1875	1875	37	11	82	95819	3	0.90	2	218
##	1876	1876	27	3	112	90066	3	2.50	1	389
##	1877	1877	62	38	123	90210	1	2.90	1	0
##	1878	1878	51	24	78	90037	1	2.67	2	0
##	1879	1879	56	30	59	95833	3	0.80	1	159
##	1880	1880	56	30	78	90401	3	1.70	2	0
##	1881	1881	44	19	49	94720	4	1.90	3	89
##	1882	1882	46	19	82	91365	3	2.67	2	0
##	1883	1883	56	32	125	91330	3	0.60	1	342

##	1884	1884	56	30	185	91711	1	2.90	1	0
##	1885	1885	57	33	163	94132	1	7.40	1	0
##	1886	1886	31	6	19	96001	4	1.10	3	104
##	1887	1887	65	41	115	94105	4	1.70	2	0
##	1888	1888	31	7	81	95006	2	2.00	2	0
##	1889	1889	36	10	93	94305	1	2.80	3	0
##	1890	1890	56	30	111	93106	4	0.30	1	372
##	1891	1891	52	27	184	90630	1	8.10	1	0
##	1892	1892	42	18	50	95126	4	2.20	2	0
##	1893	1893	55	30	55	94110	3	1.70	1	0
##	1894	1894	49	24	13	94608	1	0.40	3	101
##	1895	1895	51	25	29	94303	4	0.10	1	0
##	1896	1896	26	2	72	95003	4	2.60	1	0
##	1897	1897	32	7	83	94304	1	2.60	2	0
##	1898	1898	54	29	98	93065	1	0.10	3	0
##	1899	1899	50	24	43	95630	4	0.10	1	0
##	1900	1900	59	33	34	94115	1	0.20	1	0
##	1901	1901	61	36	10	91365	4	0.40	2	0
##	1902	1902	43	19	201	94305	2	6.67	1	0
##	1903	1903	39	14	85	94005	3	1.20	3	107
##	1904	1904	56	26	50	90095	3	1.40	3	0
##	1905	1905	38	14	91	95060	2	0.00	1	0
##	1906	1906	25	-1	112	92507	2	2.00	1	241
##	1907	1907	42	17	98	92866	2	0.40	1	275
##	1908	1908	42	18	115	93711	1	0.30	1	0
##	1909	1909	50	26	22	92037	4	0.50	2	112
##	1910	1910	56	30	101	90048	3	1.70	2	0
##	1911	1911	43	18	83	95616	2	3.80	3	112
##	1912	1912	60	35	52	94709	3	0.50	2	0
##	1913	1913	42	16	191	94304	3	4.80	2	0
##	1914	1914	57	33	134	92110	4	0.90	1	198
##	1915	1915	48	24	54	95616	1	1.60	2	186
##	1916	1916	37	11	69	91911	3	2.10	1	0
##	1917	1917	57	32	64	95138	3	1.60	3	0
##	1918	1918	62	32	53	96001	4	1.67	3	142
##	1919	1919	39	9	118	93555	2	6.00	3	246
##	1920	1920	38	13	19	92069	2	1.40	2	120
##	1921	1921	54	28	31	92130	2	0.40	3	0
##	1922	1922	45	21	63	95621	1	0.80	3	245
##	1923	1923	39	15	25	93023	1	1.40	3	0
##	1924	1924	45	19	22	90639	1	0.20	1	0
##	1925	1925	62	38	78	92009	1	1.80	3	0
##	1926	1926	43	19	81	90245	1	0.30	1	218
##	1927	1927	30	6	41	90095	1	2.40	2	0
##	1928	1928	35	10	62	93106	3	2.30	1	0
##	1929	1929	58	34	35	94122	1	1.20	3	0
##	1930	1930	44	19	30	94501	1	0.60	3	0
##	1931	1931	56	29	51	94080	3	1.00	2	0
##	1932	1932	28	2	140	92122	2	2.00	1	0
##	1933	1933	64	39	73	90073	3	2.40	1	185
##	1934	1934	63	39	40	91311	4	1.20	2	0
##	1935	1935	44	20	69	95814	1	0.80	3	0
##	1936	1936	34	9	191	94086	1	4.80	3	0
##	1937	1937	50	24	82	90291	3	3.00	2	0

##	1938	1938	51	25	181	95051	1	3.30	3	589
##	1939	1939	30	4	38	90245	1	1.90	3	0
##	1940	1940	55	31	23	94122	2	0.20	1	0
##	1941	1941	57	33	55	92630	1	1.80	3	0
##	1942	1942	43	19	58	95307	2	3.20	1	0
##	1943	1943	61	36	29	90210	2	0.50	2	0
##	1944	1944	49	23	39	95521	4	2.60	1	0
##	1945	1945	52	28	39	90095	3	1.90	2	83
##	1946	1946	57	33	30	93106	3	1.50	1	151
##	1947	1947	53	23	58	94720	4	2.00	3	0
##	1948	1948	52	28	62	94111	1	1.80	3	231
##	1949	1949	39	15	62	93955	4	2.40	1	86
##	1950	1950	58	34	19	90504	1	1.20	3	0
##	1951	1951	36	12	38	94109	1	1.50	2	0
##	1952	1952	45	21	84	94550	4	2.00	3	0
##	1953	1953	30	5	78	92037	1	2.60	2	0
##	1954	1954	49	25	22	90058	4	0.20	1	83
##	1955	1955	44	20	81	90245	4	2.00	3	277
##	1956	1956	43	17	32	90401	3	0.50	2	0
##	1957	1957	42	18	89	94539	4	0.80	1	184
##	1958	1958	29	4	121	90028	2	3.30	1	0
##	1959	1959	28	2	42	95762	1	1.50	1	0
##	1960	1960	50	24	130	95833	1	1.00	1	0
##	1961	1961	44	19	30	95616	4	0.00	2	0
##	1962	1962	52	26	114	94304	1	4.90	1	0
##	1963	1963	28	4	155	90019	1	6.33	1	0
##	1964	1964	62	38	50	94539	2	1.10	1	0
##	1965	1965	34	10	34	95060	1	1.50	2	111
##	1966	1966	45	20	94	90095	3	0.50	3	0
##	1967	1967	52	26	114	91330	2	2.40	2	0
##	1968	1968	43	18	89	94303	3	0.50	3	108
##	1969	1969	54	24	49	91801	1	1.40	3	0
##	1970	1970	64	38	115	94105	1	2.00	1	0
##	1971	1971	27	3	148	92780	1	1.50	1	397
##	1972	1972	42	17	72	95616	4	1.10	2	203
##	1973	1973	28	2	114	94606	4	2.10	3	0
##	1974	1974	47	22	11	92192	2	0.00	1	78
##	1975	1975	39	13	63	90095	4	0.20	3	242
##	1976	1976	29	3	113	94132	2	0.20	1	0
##	1977	1977	39	13	80	95616	2	1.80	1	0
##	1978	1978	41	15	54	94303	3	0.50	3	0
##	1979	1979	37	11	32	94612	2	1.40	3	0
##	1980	1980	41	17	11	91330	1	1.00	1	0
##	1981	1981	45	19	141	94706	1	2.40	1	0
##	1982	1982	52	26	84	91768	3	3.00	2	0
##	1983	1983	58	33	18	94701	3	0.10	2	110
##	1984	1984	31	5	20	94720	2	0.30	1	0
##	1985	1985	26	1	55	92630	4	1.70	2	175
##	1986	1986	31	7	31	94920	4	0.40	2	79
##	1987	1987	42	17	114	90065	2	0.40	1	0
##	1988	1988	56	31	52	94118	3	2.00	2	0
##	1989	1989	52	28	18	91301	1	0.30	1	120
##	1990	1990	59	35	55	90274	1	1.80	3	0
##	1991	1991	32	8	29	92807	1	0.20	3	76

##	1992	1992	46	22	30	90747	3	0.50	1	0
##	1993	1993	52	28	38	94302	2	0.80	1	0
##	1994	1994	30	5	122	94545	2	3.10	1	0
##	1995	1995	32	8	183	94080	1	6.00	1	0
##	1996	1996	35	11	41	94720	1	2.40	2	0
##	1997	1997	49	24	38	94305	1	1.40	3	0
##	1998	1998	54	30	61	92093	1	1.80	3	0
##	1999	1999	56	32	103	94111	3	4.00	3	0
##	2000	2000	48	22	80	93940	2	2.40	2	0
##	2001	2001	28	2	22	95670	1	0.10	2	0
##	2002	2002	44	17	128	94928	2	3.25	2	0
##	2003	2003	30	4	142	92126	3	4.20	1	359
##	2004	2004	44	20	124	90277	1	4.70	1	0
##	2005	2005	30	4	44	92704	1	1.90	3	143
##	2006	2006	47	23	170	90254	2	6.50	2	0
##	2007	2007	64	39	75	94720	4	0.10	2	0
##	2008	2008	48	21	78	94010	3	2.00	2	0
##	2009	2009	63	38	31	92037	1	1.10	3	125
##	2010	2010	25	0	99	92735	1	1.90	1	323
##	2011	2011	61	36	41	96001	2	1.50	1	0
##	2012	2012	46	21	39	92507	4	0.00	2	0
##	2013	2013	57	31	51	93943	1	1.40	1	0
##	2014	2014	40	15	52	92691	3	0.80	3	113
##	2015	2015	49	19	169	95054	3	5.67	3	167
##	2016	2016	30	5	141	95747	1	0.80	1	0
##	2017	2017	41	17	93	92835	4	0.80	1	218
##	2018	2018	42	15	14	92064	3	1.00	2	0
##	2019	2019	63	39	160	90089	2	2.10	1	0
##	2020	2020	43	17	44	94611	1	0.20	1	0
##	2021	2021	59	34	33	94303	3	0.20	1	0
##	2022	2022	46	20	103	91380	4	4.80	3	0
##	2023	2023	33	3	71	93561	4	1.80	3	236
##	2024	2024	55	29	55	94720	1	0.20	1	151
##	2025	2025	36	12	113	94305	4	0.20	1	0
##	2026	2026	47	20	79	94720	3	2.00	2	185
##	2027	2027	59	33	80	93907	2	0.70	2	0
##	2028	2028	38	12	179	94596	2	0.00	1	380
##	2029	2029	42	17	9	91710	2	0.00	3	0
##	2030	2030	30	3	61	92152	4	2.00	2	0
##	2031	2031	63	38	111	95814	2	3.90	1	207
##	2032	2032	60	35	80	94608	3	0.50	1	0
##	2033	2033	62	37	32	90266	3	0.20	1	0
##	2034	2034	49	23	83	92126	1	0.30	1	0
##	2035	2035	59	33	91	92821	4	1.90	2	329
##	2036	2036	36	10	29	93065	4	1.00	1	0
##	2037	2037	46	19	19	94305	3	0.67	2	0
##	2038	2038	35	8	52	95616	2	1.00	2	0
##	2039	2039	50	24	150	94551	1	7.30	1	0
##	2040	2040	51	25	32	91605	2	0.40	3	0
##	2041	2041	41	16	91	94720	3	0.50	3	0
##	2042	2042	45	20	180	95403	3	8.50	2	535
##	2043	2043	41	17	121	94102	1	0.30	1	0
##	2044	2044	57	32	25	90049	2	0.20	3	0
##	2045	2045	51	25	102	92677	1	0.30	1	0

##	2046	2046	52	28	44	95051	4	0.90	2	107
##	2047	2047	43	16	161	95134	3	8.00	2	0
##	2048	2048	63	38	134	90640	3	4.00	2	0
##	2049	2049	28	4	43	94803	1	1.80	2	0
##	2050	2050	43	18	94	92717	4	1.10	2	0
##	2051	2051	41	15	29	94024	2	0.80	3	98
##	2052	2052	34	8	38	90018	4	0.20	1	0
##	2053	2053	28	3	120	94080	1	0.80	1	170
##	2054	2054	58	32	85	92110	2	2.00	1	161
##	2055	2055	39	15	89	92126	2	1.90	1	0
##	2056	2056	49	23	25	90274	1	1.40	3	0
##	2057	2057	33	8	20	92691	3	1.30	1	83
##	2058	2058	37	12	125	91754	2	3.90	1	0
##	2059	2059	33	7	18	92093	1	0.60	3	0
##	2060	2060	28	3	173	92121	2	6.70	1	222
##	2061	2061	54	29	34	92093	4	0.10	3	0
##	2062	2062	63	38	159	93950	4	4.90	2	111
##	2063	2063	57	31	55	92521	3	2.50	1	219
##	2064	2064	56	30	32	94080	2	0.40	3	0
##	2065	2065	54	29	65	94545	4	1.80	3	0
##	2066	2066	29	5	83	92354	3	1.50	1	0
##	2067	2067	41	16	30	95814	2	1.40	2	0
##	2068	2068	58	32	180	91770	1	2.90	1	0
##	2069	2069	61	37	13	90024	2	0.30	3	0
##	2070	2070	30	4	35	90059	4	0.80	1	0
##	2071	2071	62	37	95	91107	3	0.50	1	0
##	2072	2072	52	28	83	94705	1	0.00	1	0
##	2073	2073	29	3	39	95831	4	0.20	1	137
##	2074	2074	46	20	54	91107	1	0.70	3	154
##	2075	2075	52	27	81	91942	1	1.30	3	293
##	2076	2076	40	16	53	94123	4	2.00	3	0
##	2077	2077	49	23	119	91030	1	7.30	1	398
##	2078	2078	34	9	160	94108	4	8.00	3	0
##	2079	2079	35	11	21	95814	2	1.00	2	0
##	2080	2080	26	2	40	94132	1	1.00	3	0
##	2081	2081	65	40	69	91706	4	0.10	2	0
##	2082	2082	52	27	45	95006	1	1.30	2	0
##	2083	2083	32	7	55	91301	4	2.00	2	0
##	2084	2084	31	7	38	94025	1	0.20	3	0
##	2085	2085	36	9	44	93907	4	1.00	2	101
##	2086	2086	50	24	45	94105	3	0.60	2	117
##	2087	2087	36	12	84	90291	1	0.80	2	0
##	2088	2088	51	27	188	94305	2	6.90	2	343
##	2089	2089	39	9	29	94701	3	2.00	3	151
##	2090	2090	53	29	95	94304	1	2.70	2	0
##	2091	2091	50	25	79	95023	1	2.90	1	307
##	2092	2092	31	4	41	91360	1	2.00	2	0
##	2093	2093	53	23	19	92673	4	0.40	3	84
##	2094	2094	48	23	75	94111	4	3.60	3	0
##	2095	2095	57	31	64	90024	3	2.50	1	208
##	2096	2096	47	21	174	94025	4	3.20	3	0
##	2097	2097	55	29	54	95051	2	2.30	3	93
##	2098	2098	37	11	14	90740	3	0.10	2	113
##	2099	2099	59	35	94	90089	1	3.80	1	272



##	2100	2100	53	29	10	90095	2	0.40	1	0
##	2101	2101	31	6	145	93940	1	0.80	1	84
##	2102	2102	35	5	203	95032	1	10.00	3	0
##	2103	2103	25	-1	81	92647	2	1.60	3	0
##	2104	2104	37	13	153	90630	2	6.50	1	0
##	2105	2105	40	14	58	90245	4	0.20	3	0
##	2106	2106	31	5	49	94114	4	1.80	3	0
##	2107	2107	62	38	132	90210	1	2.90	1	0
##	2108	2108	41	17	85	90291	4	0.20	3	229
##	2109	2109	56	32	85	94132	3	2.67	1	0
##	2110	2110	47	23	178	93014	1	6.50	3	0
##	2111	2111	28	4	104	94301	3	2.50	1	0
##	2112	2112	60	34	40	94105	1	1.60	1	0
##	2113	2113	27	2	103	93117	1	1.90	1	120
##	2114	2114	57	33	25	92064	2	1.00	1	0
##	2115	2115	62	36	69	95039	2	1.70	3	0
##	2116	2116	57	31	30	95070	3	1.40	1	0
##	2117	2117	44	17	70	94920	3	2.67	2	0
##	2118	2118	31	7	15	91380	3	0.90	3	0
##	2119	2119	31	5	125	91320	2	1.30	1	0
##	2120	2120	39	13	50	94923	3	0.50	3	0
##	2121	2121	41	17	44	93106	1	0.30	3	0
##	2122	2122	41	17	38	92182	4	2.20	2	180
##	2123	2123	55	29	64	93437	3	0.80	1	119
##	2124	2124	28	2	9	95014	1	0.10	2	0
##	2125	2125	35	9	44	92054	3	0.90	1	89
##	2126	2126	44	20	93	91910	4	0.80	1	101
##	2127	2127	44	19	83	92121	4	0.40	1	141
##	2128	2128	40	14	179	94720	2	0.00	1	0
##	2129	2129	65	40	40	94104	1	1.10	3	0
##	2130	2130	35	10	58	91754	4	0.70	3	232
##	2131	2131	55	31	74	94607	3	2.67	1	0
##	2132	2132	55	31	15	95747	1	0.20	1	0
##	2133	2133	59	35	11	94949	2	1.00	1	0
##	2134	2134	39	15	41	95035	1	2.00	2	176
##	2135	2135	50	24	68	95821	1	1.50	2	120
##	2136	2136	45	15	28	95039	1	0.75	3	0
##	2137	2137	50	26	115	95008	1	1.20	3	0
##	2138	2138	65	40	83	92354	4	0.10	2	247
##	2139	2139	36	11	40	93611	2	1.10	2	166
##	2140	2140	57	32	113	91768	1	0.10	3	0
##	2141	2141	53	27	89	92130	1	0.80	3	0
##	2142	2142	28	4	38	92109	4	1.60	1	0
##	2143	2143	55	31	62	93943	4	1.50	1	0
##	2144	2144	56	31	65	92093	3	1.70	1	109
##	2145	2145	33	6	168	94720	3	5.67	2	0
##	2146	2146	57	32	40	94720	3	1.70	1	0
##	2147	2147	27	3	30	93108	1	1.00	3	80
##	2148	2148	27	3	20	92007	4	1.00	1	0
##	2149	2149	54	30	58	92007	2	3.20	3	0
##	2150	2150	48	22	150	95039	1	7.30	1	193
##	2151	2151	62	38	54	91320	1	0.80	1	0
##	2152	2152	41	16	19	91730	2	0.30	2	105
##	2153	2153	62	38	30	94304	3	0.10	3	128

##	2154	2154	40	14	123	90041	1	5.20	1	0
##	2155	2155	32	8	45	94558	1	2.40	2	0
##	2156	2156	62	38	154	94305	1	2.90	1	0
##	2157	2157	35	11	93	90747	2	2.70	1	0
##	2158	2158	25	0	71	93727	4	0.20	1	78
##	2159	2159	50	25	83	94720	4	3.10	1	0
##	2160	2160	61	35	99	94085	1	4.80	3	255
##	2161	2161	43	17	55	93933	3	2.20	2	0
##	2162	2162	52	28	38	94131	4	0.90	2	95
##	2163	2163	39	13	74	95008	3	0.90	2	155
##	2164	2164	33	3	69	92161	4	1.80	3	0
##	2165	2165	27	3	104	92007	2	2.50	1	184
##	2166	2166	27	0	38	95929	4	1.00	3	154
##	2167	2167	32	8	25	93524	3	0.90	3	0
##	2168	2168	65	40	162	94596	1	1.30	1	0
##	2169	2169	55	29	64	93063	4	2.60	3	0
##	2170	2170	52	27	30	94305	2	0.70	2	0
##	2171	2171	39	13	52	95039	3	0.50	3	0
##	2172	2172	35	11	42	93108	1	1.50	3	0
##	2173	2173	39	15	79	92028	2	1.80	2	219
##	2174	2174	34	10	34	93407	1	1.70	1	164
##	2175	2175	30	5	123	95605	2	3.10	1	0
##	2176	2176	37	12	160	94305	2	3.30	1	0
##	2177	2177	41	14	51	91320	3	2.33	2	0
##	2178	2178	31	7	108	94507	1	4.00	1	0
##	2179	2179	37	13	158	93943	2	2.30	2	0
##	2180	2180	49	23	68	90024	1	1.50	2	0
##	2181	2181	58	33	42	91380	2	1.60	3	0
##	2182	2182	45	15	32	94143	1	0.75	3	105
##	2183	2183	40	14	22	94566	2	1.40	3	0
##	2184	2184	34	8	29	90025	2	2.00	3	0
##	2185	2185	62	36	183	90095	2	3.40	3	0
##	2186	2186	54	30	69	92009	1	1.60	3	0
##	2187	2187	26	2	92	96001	2	0.20	1	0
##	2188	2188	54	30	40	90024	2	1.00	3	0
##	2189	2189	29	4	9	92037	4	0.50	3	86
##	2190	2190	48	23	128	94309	1	0.60	1	0
##	2191	2191	27	3	110	96150	2	0.20	1	294
##	2192	2192	42	18	171	90027	2	8.00	1	0
##	2193	2193	25	1	13	95814	4	1.00	1	95
##	2194	2194	45	19	25	94609	2	0.10	3	102
##	2195	2195	34	9	123	94553	1	1.60	2	0
##	2196	2196	51	27	33	92037	4	0.20	1	83
##	2197	2197	51	24	189	95211	4	4.75	2	0
##	2198	2198	60	35	34	94102	1	0.30	3	0
##	2199	2199	59	35	58	91355	1	0.00	2	0
##	2200	2200	49	24	51	91016	1	1.30	2	98
##	2201	2201	50	25	29	90095	2	1.30	1	0
##	2202	2202	41	16	111	92009	2	0.40	1	0
##	2203	2203	49	24	43	94709	4	1.90	3	0
##	2204	2204	50	25	130	91320	1	0.60	1	311
##	2205	2205	63	37	20	94704	2	0.40	1	76
##	2206	2206	63	37	101	95819	2	2.80	1	0
##	2207	2207	33	7	48	92831	4	2.20	2	207

##	2208	2208	38	12	180	90245	1	2.80	3	158
##	2209	2209	64	40	92	91109	2	0.00	3	185
##	2210	2210	36	10	33	94080	3	0.90	1	0
##	2211	2211	58	33	51	95006	2	1.90	2	0
##	2212	2212	39	14	31	92717	2	1.40	2	94
##	2213	2213	46	22	83	95060	1	2.70	1	0
##	2214	2214	61	37	45	94610	1	0.80	1	0
##	2215	2215	53	27	89	92735	1	0.80	3	146
##	2216	2216	28	3	193	94501	3	4.00	2	0
##	2217	2217	64	40	89	94707	1	3.80	1	0
##	2218	2218	48	24	162	91355	4	3.30	2	446
##	2219	2219	38	13	9	92634	2	0.30	2	0
##	2220	2220	52	22	58	93101	4	2.00	3	223
##	2221	2221	65	40	80	94105	1	0.80	3	0
##	2222	2222	59	33	73	92056	2	1.70	3	0
##	2223	2223	45	20	41	95008	1	0.30	1	0
##	2224	2224	53	28	74	91711	3	2.00	2	0
##	2225	2225	38	12	29	92084	2	1.40	3	0
##	2226	2226	54	24	25	90505	4	0.40	3	115
##	2227	2227	25	1	98	90717	1	5.40	1	0
##	2228	2228	61	35	59	90840	4	1.70	2	0
##	2229	2229	48	23	43	90254	4	1.90	3	0
##	2230	2230	46	22	72	91711	4	1.40	2	149
##	2231	2231	36	11	183	94704	1	3.00	3	0
##	2232	2232	46	20	134	94575	1	5.70	1	146
##	2233	2233	59	33	140	95035	2	0.50	1	262
##	2234	2234	59	35	39	92028	1	1.80	3	0
##	2235	2235	36	12	35	95812	4	0.40	2	0
##	2236	2236	63	37	141	92121	2	6.90	1	0
##	2237	2237	51	24	23	95616	1	0.50	2	0
##	2238	2238	30	5	134	92647	1	0.00	1	0
##	2239	2239	48	22	35	92709	1	1.40	3	0
##	2240	2240	55	29	42	95833	4	2.50	1	0
##	2241	2241	41	17	81	92868	4	0.20	3	167
##	2242	2242	26	0	14	94301	4	0.40	1	94
##	2243	2243	41	17	45	93437	1	1.80	1	172
##	2244	2244	54	28	79	91342	3	1.70	2	150
##	2245	2245	57	31	53	92806	1	0.80	2	120
##	2246	2246	54	28	33	94111	2	0.70	2	0
##	2247	2247	35	11	190	92093	3	3.10	2	266
##	2248	2248	60	34	60	95616	1	2.50	3	103
##	2249	2249	63	37	8	94618	1	0.80	2	97
##	2250	2250	41	14	38	95814	3	1.00	2	150
##	2251	2251	46	22	154	93109	1	5.00	1	0
##	2252	2252	31	5	54	92173	4	2.20	2	0
##	2253	2253	58	32	41	95819	3	1.40	1	0
##	2254	2254	59	35	25	95827	2	0.30	1	75
##	2255	2255	46	22	53	90025	2	1.70	1	109
##	2256	2256	33	9	79	94612	1	0.10	1	0
##	2257	2257	56	31	13	94305	4	0.90	2	76
##	2258	2258	47	23	130	91763	2	1.40	1	0
##	2259	2259	59	33	93	91320	2	0.70	2	0
##	2260	2260	24	0	82	90401	3	0.80	1	0
##	2261	2261	39	14	15	93561	2	0.30	2	92

##	2262	2262	30	3	150	94305	4	5.00	2	0
##	2263	2263	55	29	131	95070	2	0.70	2	0
##	2264	2264	47	21	28	92868	3	1.50	1	0
##	2265	2265	35	11	9	93106	4	0.70	2	0
##	2266	2266	47	23	88	94305	4	1.40	2	0
##	2267	2267	38	13	143	94550	1	4.10	1	0
##	2268	2268	38	13	168	92647	2	1.30	3	0
##	2269	2269	27	3	105	94304	1	3.00	2	0
##	2270	2270	42	18	62	94305	3	2.10	3	0
##	2271	2271	26	2	51	92103	4	2.60	1	0
##	2272	2272	60	34	101	94928	3	4.40	1	0
##	2273	2273	27	3	90	91365	3	0.80	1	0
##	2274	2274	27	1	83	91775	4	2.10	3	0
##	2275	2275	40	15	21	90034	2	0.00	3	0
##	2276	2276	40	16	115	94305	1	3.40	1	0
##	2277	2277	29	3	172	92093	4	4.40	1	0
##	2278	2278	30	6	32	91330	2	1.00	2	0
##	2279	2279	30	4	204	91107	2	4.50	1	0
##	2280	2280	47	23	34	91711	4	0.60	1	0
##	2281	2281	33	7	30	94920	2	2.00	3	132
##	2282	2282	57	32	31	95039	3	1.30	2	0
##	2283	2283	38	14	90	94110	2	2.70	1	0
##	2284	2284	54	28	79	92677	4	2.60	3	0
##	2285	2285	47	23	22	94901	4	0.60	1	0
##	2286	2286	48	22	114	92007	1	2.40	3	0
##	2287	2287	62	36	42	94122	1	0.50	3	128
##	2288	2288	30	6	29	92121	1	0.20	3	90
##	2289	2289	35	11	72	94706	3	2.60	2	0
##	2290	2290	59	35	68	93117	1	1.80	3	95
##	2291	2291	38	13	78	91942	4	0.70	3	0
##	2292	2292	47	23	90	95449	1	2.70	1	323
##	2293	2293	57	33	170	95051	2	2.10	2	0
##	2294	2294	42	17	14	91768	2	0.10	2	0
##	2295	2295	39	15	129	90035	2	1.90	1	0
##	2296	2296	53	23	39	92101	3	1.00	3	87
##	2297	2297	27	3	82	94305	2	0.20	1	0
##	2298	2298	59	35	31	94063	3	0.40	2	0
##	2299	2299	48	24	9	92630	4	0.50	2	0
##	2300	2300	62	37	15	94583	3	0.10	3	91
##	2301	2301	66	41	70	93711	3	2.20	1	0
##	2302	2302	38	13	84	93403	4	0.70	3	0
##	2303	2303	42	17	155	92806	1	7.00	1	0
##	2304	2304	47	21	89	94720	2	0.80	3	0
##	2305	2305	27	2	170	95818	3	4.70	1	0
##	2306	2306	32	7	185	92009	2	6.70	1	0
##	2307	2307	37	13	82	92373	2	2.20	1	0
##	2308	2308	56	31	60	92009	3	1.70	1	0
##	2309	2309	39	13	58	94590	2	2.40	2	0
##	2310	2310	36	12	29	94583	1	1.33	1	81
##	2311	2311	32	6	32	92806	2	0.30	1	0
##	2312	2312	62	37	115	90245	4	3.40	2	0
##	2313	2313	48	22	83	91345	2	2.40	2	0
##	2314	2314	58	32	54	94035	3	0.30	2	0
##	2315	2315	27	2	112	94501	4	1.80	3	0

##	2316	2316	52	26	182	95818	2	1.40	2	0
##	2317	2317	54	30	112	94920	2	6.80	1	0
##	2318	2318	31	5	129	95814	3	5.90	3	319
##	2319	2319	60	34	23	94803	1	0.80	2	112
##	2320	2320	34	9	198	95819	2	3.00	1	422
##	2321	2321	46	22	84	92692	4	2.00	3	0
##	2322	2322	41	15	39	91380	3	0.50	3	0
##	2323	2323	62	37	129	94143	1	1.30	1	0
##	2324	2324	31	7	113	94542	2	2.00	2	315
##	2325	2325	41	11	35	93107	1	0.75	3	114
##	2326	2326	55	30	85	94591	1	0.10	3	0
##	2327	2327	45	19	73	94086	4	2.90	1	0
##	2328	2328	51	25	70	90095	1	0.80	3	0
##	2329	2329	27	2	130	92182	3	4.40	1	192
##	2330	2330	30	4	39	94022	1	1.50	1	0
##	2331	2331	31	5	72	95133	4	1.80	2	242
##	2332	2332	61	37	68	90245	4	2.30	3	0
##	2333	2333	40	16	35	94022	1	1.40	3	0
##	2334	2334	45	21	61	95812	3	0.70	1	0
##	2335	2335	45	21	69	90025	4	1.90	1	0
##	2336	2336	37	13	59	93907	1	3.60	2	0
##	2337	2337	34	8	99	93460	2	4.50	3	217
##	2338	2338	43	16	201	95054	1	10.00	2	0
##	2339	2339	42	18	130	94611	2	7.50	1	0
##	2340	2340	56	31	72	90095	3	2.00	2	0
##	2341	2341	33	9	44	94112	1	1.20	1	0
##	2342	2342	36	10	91	92028	1	1.50	3	289
##	2343	2343	62	37	92	94608	3	0.50	1	310
##	2344	2344	58	34	55	90032	1	0.80	1	168
##	2345	2345	65	40	20	94608	3	0.50	1	102
##	2346	2346	65	40	89	90291	1	4.10	1	299
##	2347	2347	52	26	59	92660	2	1.50	2	239
##	2348	2348	64	39	8	92104	3	0.10	3	87
##	2349	2349	51	25	85	94015	4	4.90	1	0
##	2350	2350	59	35	94	94610	1	4.30	1	76
##	2351	2351	52	28	22	91711	2	0.40	1	0
##	2352	2352	55	31	74	94611	2	3.20	3	0
##	2353	2353	46	19	59	93555	3	2.67	2	0
##	2354	2354	61	36	12	93023	4	0.60	2	0
##	2355	2355	35	9	8	94043	1	0.40	2	0
##	2356	2356	56	31	74	94920	3	1.60	3	0
##	2357	2357	31	5	184	92064	4	3.40	2	0
##	2358	2358	44	19	34	95005	4	0.00	2	0
##	2359	2359	53	27	63	93109	2	0.80	3	0
##	2360	2360	36	12	123	95060	2	5.60	2	0
##	2361	2361	27	1	85	93302	2	1.60	3	0
##	2362	2362	36	12	109	94928	3	0.50	3	0
##	2363	2363	40	15	31	94720	1	0.60	3	0
##	2364	2364	39	13	61	90095	2	2.40	2	90
##	2365	2365	59	35	88	94923	2	1.60	1	0
##	2366	2366	43	18	22	91311	2	0.30	2	0
##	2367	2367	30	4	63	95008	4	2.20	2	0
##	2368	2368	26	1	80	95616	4	0.20	1	0
##	2369	2369	48	22	78	94588	3	2.10	1	0

##	2370	2370	50	24	45	94005	4	0.10	1	93
##	2371	2371	33	7	51	94040	4	2.10	3	0
##	2372	2372	32	6	111	95014	2	1.50	3	0
##	2373	2373	34	10	45	93943	3	2.80	1	153
##	2374	2374	33	9	184	94304	2	4.80	2	0
##	2375	2375	32	5	41	92008	2	1.00	2	112
##	2376	2376	55	30	69	91007	4	1.30	3	0
##	2377	2377	58	33	23	91768	3	0.20	1	0
##	2378	2378	47	23	160	92037	2	6.67	1	0
##	2379	2379	30	5	61	95605	1	0.80	2	251
##	2380	2380	42	18	110	94720	2	6.10	1	182
##	2381	2381	40	16	50	92606	2	0.60	3	0
##	2382	2382	33	9	49	94928	1	2.40	2	0
##	2383	2383	46	20	185	94131	4	7.50	2	428
##	2384	2384	63	39	52	90033	2	1.10	1	0
##	2385	2385	62	37	53	92028	2	2.80	1	0
##	2386	2386	43	17	125	94720	4	3.50	2	0
##	2387	2387	31	5	72	94542	3	1.60	1	0
##	2388	2388	28	2	51	94720	4	1.80	3	0
##	2389	2389	64	39	23	91768	3	0.50	1	0
##	2390	2390	27	1	41	90033	1	1.90	3	0
##	2391	2391	33	9	41	95814	3	2.00	1	108
##	2392	2392	39	12	138	92697	1	4.67	2	0
##	2393	2393	44	20	138	94143	2	3.30	1	0
##	2394	2394	53	28	14	94005	4	0.80	1	0
##	2395	2395	42	18	145	94065	2	8.00	1	505
##	2396	2396	44	17	25	95064	3	1.00	2	0
##	2397	2397	34	10	43	95014	1	1.70	1	142
##	2398	2398	47	22	93	90266	1	0.20	2	309
##	2399	2399	53	29	90	95053	2	0.30	1	217
##	2400	2400	62	36	41	90245	2	1.00	3	154
##	2401	2401	61	36	169	91380	2	6.10	3	106
##	2402	2402	42	17	63	95814	2	2.20	3	0
##	2403	2403	48	21	23	94720	3	0.67	2	95
##	2404	2404	38	13	140	90210	4	0.50	1	0
##	2405	2405	41	15	75	95010	1	1.50	3	0
##	2406	2406	57	32	13	94588	4	0.90	2	78
##	2407	2407	31	7	10	92354	1	0.50	3	81
##	2408	2408	39	15	100	94720	1	0.80	2	0
##	2409	2409	48	22	85	94105	3	1.10	1	203
##	2410	2410	55	31	73	95207	3	2.67	1	219
##	2411	2411	29	4	130	92630	2	6.70	1	0
##	2412	2412	47	22	65	91330	3	2.70	2	0
##	2413	2413	61	36	59	93118	4	1.70	1	148
##	2414	2414	60	34	31	91007	2	1.00	3	0
##	2415	2415	34	10	134	91775	1	4.00	1	0
##	2416	2416	45	21	11	94143	4	0.20	1	106
##	2417	2417	60	35	32	93611	1	0.30	3	80
##	2418	2418	25	0	53	90095	2	1.60	3	0
##	2419	2419	41	17	28	95616	1	0.70	1	0
##	2420	2420	63	37	44	94550	2	1.00	3	0
##	2421	2421	63	39	40	91304	1	0.80	1	118
##	2422	2422	43	19	40	94949	3	0.60	2	0
##	2423	2423	58	32	163	95014	2	0.50	1	400

##	2424	2424	50	25	82	91335	1	1.30	3	0
##	2425	2425	38	12	89	94583	4	1.40	2	0
##	2426	2426	54	30	78	92507	4	1.60	2	0
##	2427	2427	61	36	55	94132	3	0.90	3	197
##	2428	2428	29	5	34	92675	4	0.40	2	0
##	2429	2429	39	12	108	92717	4	3.67	2	301
##	2430	2430	33	7	58	95616	4	2.20	2	0
##	2431	2431	23	-1	73	92120	4	2.60	1	0
##	2432	2432	56	31	54	91380	4	2.10	1	0
##	2433	2433	54	30	45	92182	4	0.90	2	0
##	2434	2434	37	11	123	94720	1	2.30	2	0
##	2435	2435	38	12	93	95616	1	5.20	1	267
##	2436	2436	34	9	102	92115	4	2.20	2	0
##	2437	2437	53	29	39	92626	3	1.50	1	0
##	2438	2438	65	40	114	94608	4	3.40	2	0
##	2439	2439	62	37	29	91030	1	0.30	3	0
##	2440	2440	51	25	30	91116	3	0.60	2	144
##	2441	2441	31	5	22	91401	1	0.60	3	0
##	2442	2442	64	38	38	94305	2	0.30	1	186
##	2443	2443	39	15	41	90028	2	1.70	1	0
##	2444	2444	28	3	161	92646	4	1.70	3	422
##	2445	2445	60	35	38	94701	3	0.50	2	0
##	2446	2446	47	23	25	93106	1	0.90	3	0
##	2447	2447	25	1	70	93010	4	2.60	1	218
##	2448	2448	44	19	201	95819	2	8.80	1	0
##	2449	2449	51	26	42	92103	2	0.60	3	0
##	2450	2450	31	7	64	94720	1	1.20	1	0
##	2451	2451	32	7	28	90034	4	1.10	3	0
##	2452	2452	51	25	119	93940	1	4.90	1	208
##	2453	2453	25	1	28	94596	1	1.00	3	0
##	2454	2454	43	19	60	94104	3	2.10	3	0
##	2455	2455	54	29	23	93955	1	1.50	2	0
##	2456	2456	34	8	164	94720	4	7.40	3	0
##	2457	2457	54	30	39	95211	2	0.80	1	0
##	2458	2458	42	17	19	92115	2	0.00	3	85
##	2459	2459	46	20	72	93108	2	0.80	3	0
##	2460	2460	62	37	41	95060	3	0.90	3	0
##	2461	2461	31	5	32	92123	2	0.30	2	130
##	2462	2462	30	5	69	94302	1	0.80	2	0
##	2463	2463	52	28	23	95828	3	0.40	1	0
##	2464	2464	35	9	44	92009	4	0.20	1	0
##	2465	2465	60	36	32	92407	3	0.40	2	165
##	2466	2466	58	34	25	90059	2	0.30	1	123
##	2467	2467	24	-2	80	94105	2	1.60	3	0
##	2468	2468	40	16	83	92350	1	0.80	2	230
##	2469	2469	49	23	133	94304	1	7.30	1	0
##	2470	2470	43	18	89	92780	1	0.10	2	307
##	2471	2471	33	7	81	92122	2	4.50	3	187
##	2472	2472	36	11	44	91040	2	1.10	2	85
##	2473	2473	62	36	119	94720	2	2.00	1	0
##	2474	2474	57	32	39	92182	4	0.90	1	147
##	2475	2475	64	38	40	92122	2	1.00	3	0
##	2476	2476	52	26	79	95817	3	0.80	1	183
##	2477	2477	54	28	30	95616	4	0.70	2	0

##	2478	2478	40	14	179	90025	1	2.60	3	0
##	2479	2479	30	5	178	94063	2	6.70	1	0
##	2480	2480	55	30	82	94720	4	3.80	2	0
##	2481	2481	39	13	50	91768	2	2.40	2	0
##	2482	2482	55	30	64	94306	2	1.90	2	0
##	2483	2483	28	4	129	92115	1	1.50	1	0
##	2484	2484	44	18	68	93943	4	2.90	1	0
##	2485	2485	46	21	30	92697	1	1.40	3	112
##	2486	2486	61	36	48	94025	3	1.50	1	0
##	2487	2487	61	36	130	92717	1	1.30	1	257
##	2488	2488	45	20	40	92886	1	0.50	3	0
##	2489	2489	38	14	105	94708	2	1.90	1	0
##	2490	2490	29	3	41	92626	4	0.20	1	0
##	2491	2491	52	28	168	90404	3	6.50	3	118
##	2492	2492	38	14	80	92868	2	2.70	1	0
##	2493	2493	28	3	134	96091	2	3.10	1	0
##	2494	2494	34	9	49	94025	1	2.50	3	0
##	2495	2495	35	9	63	92697	2	1.80	1	0
##	2496	2496	46	22	70	94701	4	1.90	1	212
##	2497	2497	63	37	32	93117	3	0.70	2	141
##	2498	2498	33	9	14	95133	3	0.90	3	114
##	2499	2499	38	14	111	92028	2	6.10	1	326
##	2500	2500	53	27	38	94105	4	2.80	2	144
##	2501	2501	28	2	121	92096	2	2.00	1	341
##	2502	2502	44	18	90	95616	4	2.60	3	0
##	2503	2503	58	31	178	92009	2	6.00	2	0
##	2504	2504	38	14	20	94024	4	0.40	2	79
##	2505	2505	48	24	61	91380	2	1.70	1	229
##	2506	2506	33	7	43	96064	4	0.80	1	0
##	2507	2507	66	42	39	94590	1	1.90	2	0
##	2508	2508	59	34	60	90048	4	2.10	1	234
##	2509	2509	40	15	63	93407	3	3.00	1	0
##	2510	2510	36	11	8	93401	4	0.20	3	81
##	2511	2511	62	38	52	95616	4	1.30	2	0
##	2512	2512	51	27	92	92121	4	3.00	1	0
##	2513	2513	58	32	111	90212	2	1.40	1	298
##	2514	2514	52	26	71	92037	1	1.40	3	0
##	2515	2515	41	16	25	92182	2	0.10	2	91
##	2516	2516	31	5	34	94558	1	1.90	3	156
##	2517	2517	28	3	74	94720	3	2.60	3	0
##	2518	2518	57	31	120	95616	2	2.00	1	0
##	2519	2519	61	37	50	95125	4	1.30	2	0
##	2520	2520	60	36	10	92121	2	1.00	1	0
##	2521	2521	56	29	45	90095	4	2.50	2	113
##	2522	2522	49	23	29	94551	4	1.80	1	0
##	2523	2523	63	37	145	94025	2	6.90	1	0
##	2524	2524	49	23	100	95403	2	6.30	1	0
##	2525	2525	49	25	24	95678	3	0.40	1	0
##	2526	2526	32	8	60	95816	1	1.20	1	0
##	2527	2527	26	1	50	95616	4	0.60	2	0
##	2528	2528	27	1	43	95120	3	1.10	2	0
##	2529	2529	57	31	79	91335	3	4.40	1	0
##	2530	2530	29	5	44	95819	3	0.10	2	0
##	2531	2531	56	30	31	90024	4	1.50	3	0



##	2532	2532	59	35	14	94305	2	1.00	1	107
##	2533	2533	53	28	19	94608	4	0.80	1	106
##	2534	2534	54	29	111	93023	1	1.10	2	0
##	2535	2535	56	30	90	94402	1	1.90	2	0
##	2536	2536	50	25	21	90274	2	0.70	3	129
##	2537	2537	51	25	104	94949	1	4.20	2	0
##	2538	2538	53	27	75	94303	1	1.90	2	0
##	2539	2539	37	12	175	92037	2	7.80	1	297
##	2540	2540	32	7	98	95929	1	4.20	1	171
##	2541	2541	49	23	41	95521	4	0.10	1	153
##	2542	2542	34	8	171	90212	2	2.20	2	569
##	2543	2543	54	30	79	92630	4	1.60	2	0
##	2544	2544	64	39	24	94117	4	0.60	2	0
##	2545	2545	58	34	90	95039	1	3.60	2	0
##	2546	2546	25	-1	39	94720	3	2.40	2	0
##	2547	2547	50	25	9	91911	2	0.00	1	0
##	2548	2548	38	13	15	90245	2	0.10	2	90
##	2549	2549	48	24	80	91343	1	2.70	1	0
##	2550	2550	41	15	63	95060	1	0.70	3	79
##	2551	2551	32	8	20	93106	1	0.50	3	102
##	2552	2552	46	22	43	92120	2	2.10	3	0
##	2553	2553	39	15	65	95822	1	1.50	3	0
##	2554	2554	39	15	91	93907	2	1.70	2	151
##	2555	2555	63	39	53	93940	1	0.80	1	0
##	2556	2556	58	32	110	94143	3	1.70	2	0
##	2557	2557	28	4	82	92831	3	1.50	1	103
##	2558	2558	36	11	23	94553	4	0.20	3	0
##	2559	2559	43	19	172	95136	2	6.67	1	0
##	2560	2560	36	12	88	90212	2	2.70	1	0
##	2561	2561	44	18	71	93943	2	0.80	3	0
##	2562	2562	31	5	180	94720	1	2.90	3	144
##	2563	2563	45	21	39	92521	2	2.10	3	184
##	2564	2564	39	13	94	90401	1	1.50	3	0
##	2565	2565	43	16	25	94126	3	1.00	2	0
##	2566	2566	40	15	10	94708	2	0.00	3	102
##	2567	2567	30	5	42	94305	1	1.00	1	184
##	2568	2568	58	33	142	92333	2	3.90	1	0
##	2569	2569	46	21	34	92373	2	1.30	1	0
##	2570	2570	35	10	139	90024	1	4.60	1	0
##	2571	2571	30	4	154	95621	2	4.50	1	207
##	2572	2572	34	8	40	91768	2	2.00	3	89
##	2573	2573	62	32	33	93907	1	1.50	3	140
##	2574	2574	58	34	80	90095	2	1.60	1	0
##	2575	2575	45	18	10	92037	3	0.67	2	100
##	2576	2576	42	16	41	90401	3	0.50	3	0
##	2577	2577	60	36	30	93711	4	1.30	1	118
##	2578	2578	55	29	78	95521	1	0.80	3	190
##	2579	2579	45	21	164	90638	1	5.00	1	0
##	2580	2580	52	27	23	92780	1	0.40	3	0
##	2581	2581	31	7	149	92624	1	6.00	1	0
##	2582	2582	60	34	25	94132	4	0.70	3	0
##	2583	2583	33	9	42	95010	1	2.10	3	0
##	2584	2584	37	11	71	91302	1	2.50	1	185
##	2585	2585	59	34	114	94606	3	4.20	2	0

##	2586	2586	51	26	70	91320	1	2.80	2	0
##	2587	2587	47	23	149	92675	4	6.10	1	0
##	2588	2588	60	33	55	94998	4	2.50	2	0
##	2589	2589	61	36	29	93065	1	1.30	1	0
##	2590	2590	64	40	123	90840	1	3.80	1	0
##	2591	2591	46	20	152	95814	1	7.40	3	374
##	2592	2592	31	7	8	95131	4	0.70	2	0
##	2593	2593	57	32	69	94710	4	0.70	1	245
##	2594	2594	48	23	161	96003	4	7.90	3	310
##	2595	2595	48	23	79	94024	1	0.20	2	0
##	2596	2596	35	10	105	92780	1	4.60	1	0
##	2597	2597	33	8	39	95032	3	2.30	1	0
##	2598	2598	47	23	163	92653	1	5.00	1	0
##	2599	2599	46	20	9	94005	1	0.20	1	0
##	2600	2600	44	20	71	91006	4	2.00	3	0
##	2601	2601	42	18	51	92868	3	2.10	3	0
##	2602	2602	50	24	32	90277	1	1.40	3	167
##	2603	2603	52	26	161	93108	4	4.30	1	0
##	2604	2604	53	27	60	90049	1	0.20	1	0
##	2605	2605	37	10	35	92521	4	1.00	2	0
##	2606	2606	64	40	41	94305	4	1.20	2	0
##	2607	2607	46	22	73	92648	2	1.70	1	216
##	2608	2608	57	33	49	94305	4	1.50	1	214
##	2609	2609	61	35	79	94024	2	2.00	1	194
##	2610	2610	42	18	120	93407	2	7.50	1	0
##	2611	2611	40	16	60	94501	2	3.20	1	0
##	2612	2612	33	8	78	95051	3	0.60	2	0
##	2613	2613	50	26	40	95138	4	1.10	2	131
##	2614	2614	52	26	110	94501	2	5.40	3	204
##	2615	2615	35	11	160	92093	4	5.70	3	0
##	2616	2616	57	32	68	94542	4	0.70	1	191
##	2617	2617	56	31	49	92182	2	1.60	3	103
##	2618	2618	44	20	65	92037	2	2.50	1	0
##	2619	2619	23	-3	55	92704	3	2.40	2	145
##	2620	2620	33	8	62	92093	3	2.30	1	98
##	2621	2621	48	22	152	95616	1	0.00	1	0
##	2622	2622	45	18	42	95126	3	2.50	2	0
##	2623	2623	54	28	39	90245	4	0.70	2	0
##	2624	2624	42	17	111	94304	3	3.00	1	0
##	2625	2625	47	21	82	94109	3	2.10	1	0
##	2626	2626	61	36	108	93943	4	3.40	2	0
##	2627	2627	53	27	59	92038	2	0.80	3	0
##	2628	2628	56	30	61	93106	3	2.50	1	193
##	2629	2629	33	6	78	95819	4	2.00	2	0
##	2630	2630	44	18	18	93943	2	0.10	3	0
##	2631	2631	63	37	113	94611	4	1.70	3	0
##	2632	2632	47	20	62	92521	1	2.67	2	0
##	2633	2633	50	24	81	94720	1	4.90	1	248
##	2634	2634	49	25	13	95054	3	0.40	1	106
##	2635	2635	34	9	75	94303	1	2.80	1	194
##	2636	2636	40	14	33	95616	2	0.80	3	89
##	2637	2637	38	13	179	93943	1	4.10	1	0
##	2638	2638	51	26	69	94005	3	2.00	2	0
##	2639	2639	28	4	45	94025	1	1.00	3	0

##	2640	2640	52	26	59	95762	3	3.00	2	0
##	2641	2641	39	13	81	94309	2	2.80	1	0
##	2642	2642	29	5	133	90095	1	5.40	1	212
##	2643	2643	54	29	81	92096	2	0.00	3	0
##	2644	2644	63	38	14	92630	4	0.40	2	86
##	2645	2645	40	14	28	94061	2	0.80	3	0
##	2646	2646	36	12	93	95125	2	2.20	1	0
##	2647	2647	45	20	191	92007	3	2.60	3	123
##	2648	2648	61	37	155	91605	1	2.90	1	0
##	2649	2649	26	0	155	93105	2	7.20	1	0
##	2650	2650	33	8	68	92407	4	1.30	1	0
##	2651	2651	64	40	52	95060	2	1.10	1	226
##	2652	2652	43	17	51	94025	1	0.70	3	0
##	2653	2653	24	0	44	90089	4	1.60	1	180
##	2654	2654	30	5	121	94555	2	3.10	1	408
##	2655	2655	60	36	49	94965	4	2.20	1	204
##	2656	2656	50	26	42	91784	2	1.00	3	78
##	2657	2657	40	15	144	91040	1	4.10	1	0
##	2658	2658	31	6	72	94583	1	2.60	2	0
##	2659	2659	30	4	44	94304	1	1.50	1	109
##	2660	2660	60	35	43	91763	3	0.90	3	175
##	2661	2661	39	14	74	93063	1	0.10	2	144
##	2662	2662	66	41	145	90009	1	2.50	1	0
##	2663	2663	65	41	158	92346	2	2.10	1	0
##	2664	2664	54	28	78	91311	4	4.90	1	0
##	2665	2665	54	29	154	95014	1	2.40	2	352
##	2666	2666	35	9	105	90064	2	4.50	3	0
##	2667	2667	32	7	100	92126	3	0.60	2	0
##	2668	2668	63	39	58	94112	1	0.00	2	0
##	2669	2669	60	35	113	94507	1	0.90	1	406
##	2670	2670	43	18	10	91902	2	0.10	2	0
##	2671	2671	59	33	142	94080	2	2.70	1	0
##	2672	2672	62	37	128	92093	1	2.50	1	0
##	2673	2673	30	5	131	92068	3	0.50	3	0
##	2674	2674	54	30	88	92647	4	1.00	2	122
##	2675	2675	30	6	101	90245	2	0.60	1	0
##	2676	2676	31	1	70	92115	2	1.75	3	0
##	2677	2677	44	20	122	91765	1	0.30	1	0
##	2678	2678	32	8	70	91423	3	1.50	1	0
##	2679	2679	63	38	148	93023	2	4.30	3	0
##	2680	2680	57	32	43	92704	2	2.10	3	166
##	2681	2681	60	30	31	95060	1	1.50	3	0
##	2682	2682	37	11	35	94609	2	0.80	3	0
##	2683	2683	53	27	81	90032	4	2.60	3	0
##	2684	2684	51	25	19	95812	1	1.40	3	98
##	2685	2685	30	5	98	92028	4	1.80	3	129
##	2686	2686	28	2	101	90280	4	2.10	3	0
##	2687	2687	50	24	81	95053	2	0.40	3	0
##	2688	2688	52	27	135	93561	1	0.60	1	452
##	2689	2689	56	30	34	94542	2	0.70	2	0
##	2690	2690	40	16	104	91730	1	3.40	1	249
##	2691	2691	64	38	29	90245	3	0.70	2	0
##	2692	2692	61	36	119	95064	2	5.40	2	0
##	2693	2693	46	20	82	90230	2	1.70	2	0

##	2694	2694	55	29	62	90089	1	0.20	1	0
##	2695	2695	45	19	85	94720	3	2.10	1	0
##	2696	2696	40	15	8	94960	2	0.10	2	0
##	2697	2697	63	37	78	91711	4	1.70	3	0
##	2698	2698	57	32	44	93407	3	0.50	2	0
##	2699	2699	38	14	122	95819	2	8.00	1	0
##	2700	2700	37	11	22	90035	3	0.10	2	114
##	2701	2701	31	5	39	94590	4	2.20	2	0
##	2702	2702	50	26	55	94305	1	1.60	2	0
##	2703	2703	42	18	144	94063	2	6.10	1	158
##	2704	2704	51	27	71	92521	1	2.60	2	0
##	2705	2705	38	13	191	91710	2	3.00	1	0
##	2706	2706	53	26	22	92831	1	0.50	2	100
##	2707	2707	43	17	158	90740	1	2.40	1	0
##	2708	2708	35	9	131	90089	3	0.30	3	0
##	2709	2709	49	24	75	95670	1	2.80	2	160
##	2710	2710	28	4	69	94305	3	0.70	2	170
##	2711	2711	51	27	39	94304	2	0.80	1	0
##	2712	2712	39	14	34	94939	4	1.70	1	0
##	2713	2713	31	7	32	91320	1	1.70	1	0
##	2714	2714	44	18	129	92028	1	5.70	1	0
##	2715	2715	46	20	158	92870	3	5.40	1	432
##	2716	2716	42	18	54	90089	1	1.80	1	0
##	2717	2717	41	17	34	92182	1	2.00	2	0
##	2718	2718	23	-2	45	95422	4	0.60	2	0
##	2719	2719	59	33	68	95064	2	2.30	3	0
##	2720	2720	47	21	53	95929	1	1.50	2	0
##	2721	2721	48	23	32	93302	1	0.10	1	0
##	2722	2722	58	33	173	92121	2	7.20	3	0
##	2723	2723	58	34	31	92126	4	0.40	1	0
##	2724	2724	54	29	72	94558	2	3.70	1	144
##	2725	2725	49	24	30	90212	4	0.40	2	157
##	2726	2726	63	38	138	92675	1	2.50	1	0
##	2727	2727	62	37	18	92028	1	1.50	2	127
##	2728	2728	45	19	69	90840	1	2.80	1	220
##	2729	2729	39	13	58	94555	3	2.10	1	247
##	2730	2730	58	34	63	90007	4	1.50	1	0
##	2731	2731	56	30	43	90401	2	0.30	1	0
##	2732	2732	29	5	28	96651	1	0.20	3	0
##	2733	2733	33	9	38	93106	1	2.10	3	133
##	2734	2734	55	29	72	93107	3	0.30	2	147
##	2735	2735	56	31	64	94126	4	0.90	1	0
##	2736	2736	36	12	70	92131	3	2.60	2	165
##	2737	2737	53	29	12	95621	1	0.30	1	0
##	2738	2738	57	31	159	94577	2	0.50	1	0
##	2739	2739	35	9	103	95120	2	4.50	3	0
##	2740	2740	43	18	42	91330	1	0.30	3	0
##	2741	2741	54	29	48	92182	2	2.10	3	142
##	2742	2742	29	3	49	90266	1	1.50	1	0
##	2743	2743	39	14	89	95762	2	0.40	1	0
##	2744	2744	32	8	22	94583	4	0.70	2	0
##	2745	2745	51	27	10	92121	2	0.20	1	86
##	2746	2746	50	25	38	95616	1	1.30	2	120
##	2747	2747	54	29	49	92703	2	2.10	3	95

##	2748	2748	38	12	30	91765	2	1.40	3	0
##	2749	2749	32	7	82	94305	1	2.60	2	240
##	2750	2750	62	37	82	94086	1	0.80	3	312
##	2751	2751	57	33	24	94501	1	0.10	2	0
##	2752	2752	47	23	32	92251	4	0.60	1	156
##	2753	2753	51	25	34	95819	3	0.90	3	111
##	2754	2754	54	27	195	93117	2	4.75	2	477
##	2755	2755	26	1	61	93943	4	2.20	1	119
##	2756	2756	37	11	22	93711	3	0.10	2	0
##	2757	2757	27	0	40	91301	4	1.00	3	0
##	2758	2758	63	38	50	93943	2	2.80	1	205
##	2759	2759	62	36	35	94501	2	0.70	3	0
##	2760	2760	59	33	64	95617	3	0.30	2	0
##	2761	2761	32	7	49	94080	3	2.30	1	0
##	2762	2762	35	8	44	95045	4	1.00	2	192
##	2763	2763	56	31	65	93403	2	3.70	1	0
##	2764	2764	55	31	13	93943	4	0.70	1	0
##	2765	2765	31	5	84	91320	1	2.90	3	105
##	2766	2766	54	29	28	92093	4	0.20	2	101
##	2767	2767	58	32	108	95123	3	4.40	1	0
##	2768	2768	48	24	59	90401	1	0.00	1	144
##	2769	2769	48	22	163	95819	1	2.40	1	396
##	2770	2770	33	9	183	91320	2	8.80	3	582
##	2771	2771	36	6	69	90024	4	4.00	3	0
##	2772	2772	41	16	115	92333	1	7.00	1	0
##	2773	2773	55	31	130	92646	4	6.50	1	0
##	2774	2774	63	37	185	94309	2	7.90	2	358
##	2775	2775	53	29	118	94066	2	0.30	1	0
##	2776	2776	38	13	163	95039	1	4.10	1	0
##	2777	2777	46	20	140	93106	2	6.30	1	380
##	2778	2778	59	33	91	94122	2	0.70	2	0
##	2779	2779	56	31	61	92646	4	1.30	3	0
##	2780	2780	59	35	168	95521	4	4.10	2	0
##	2781	2781	39	13	69	90630	3	0.90	2	0
##	2782	2782	47	21	22	92037	1	0.20	1	104
##	2783	2783	47	22	53	92691	1	0.30	1	213
##	2784	2784	53	26	25	92123	2	1.00	2	0
##	2785	2785	36	9	115	91765	4	2.20	2	0
##	2786	2786	34	9	31	92521	4	1.10	3	85
##	2787	2787	36	10	83	94705	1	2.80	3	0
##	2788	2788	60	34	152	92807	2	6.90	1	0
##	2789	2789	45	20	30	96003	1	0.10	1	0
##	2790	2790	27	3	34	90065	1	0.20	3	0
##	2791	2791	47	22	44	95821	1	1.40	3	0
##	2792	2792	44	20	182	94710	2	7.60	1	0
##	2793	2793	54	30	44	95616	3	1.50	1	117
##	2794	2794	57	33	122	94301	2	6.00	1	153
##	2795	2795	52	26	35	94550	4	1.80	1	0
##	2796	2796	51	25	91	92407	1	0.80	3	0
##	2797	2797	57	32	30	94024	2	2.00	2	0
##	2798	2798	65	39	53	94608	1	2.50	3	0
##	2799	2799	58	33	28	94720	1	0.30	3	0
##	2800	2800	64	39	85	94720	4	3.40	2	200
##	2801	2801	52	26	28	93907	2	0.70	2	90

##	2802	2802	58	34	41	91016	4	0.40	1	177
##	2803	2803	52	22	154	90650	1	5.00	3	0
##	2804	2804	43	18	41	92831	1	0.30	3	0
##	2805	2805	56	32	33	95014	3	1.50	1	0
##	2806	2806	37	12	182	94523	3	5.80	3	0
##	2807	2807	53	27	59	90740	2	0.80	3	0
##	2808	2808	27	2	129	90009	2	3.30	1	0
##	2809	2809	53	27	35	94583	3	0.90	3	136
##	2810	2810	42	16	185	94705	3	2.20	2	0
##	2811	2811	58	34	45	93943	4	1.30	2	201
##	2812	2812	36	12	62	94065	4	0.10	2	145
##	2813	2813	53	28	183	96008	3	8.20	3	467
##	2814	2814	48	22	14	94303	2	0.10	3	0
##	2815	2815	54	28	53	94002	1	2.20	3	0
##	2816	2816	26	1	48	94019	3	2.60	3	169
##	2817	2817	50	26	128	92780	2	0.40	1	0
##	2818	2818	31	7	105	94025	1	4.00	1	331
##	2819	2819	35	9	40	93943	3	0.90	1	0
##	2820	2820	63	37	10	90095	2	0.40	1	0
##	2821	2821	29	4	102	90245	2	3.30	1	303
##	2822	2822	57	32	31	94143	3	0.10	2	0
##	2823	2823	30	5	30	90245	4	0.80	1	158
##	2824	2824	33	7	21	90095	1	0.60	3	0
##	2825	2825	62	36	44	92867	2	0.30	1	0
##	2826	2826	35	10	48	95060	1	2.50	3	164
##	2827	2827	37	11	21	94604	3	0.20	2	0
##	2828	2828	37	11	84	90266	4	2.20	2	0
##	2829	2829	35	10	64	94306	3	0.70	2	230
##	2830	2830	35	9	82	94720	1	2.50	1	138
##	2831	2831	59	35	39	95616	4	1.30	1	0
##	2832	2832	53	27	45	90405	2	0.80	3	0
##	2833	2833	45	21	133	92056	4	5.70	3	0
##	2834	2834	46	22	152	90009	2	1.40	1	0
##	2835	2835	40	16	12	90033	1	1.00	1	91
##	2836	2836	42	16	32	94112	3	1.50	1	149
##	2837	2837	25	1	74	94085	4	2.60	1	204
##	2838	2838	39	14	54	92037	2	1.10	2	159
##	2839	2839	30	6	181	94542	3	4.10	2	0
##	2840	2840	58	33	75	90034	2	0.00	3	0
##	2841	2841	41	15	95	91101	3	0.10	1	240
##	2842	2842	37	11	190	94305	4	7.30	2	565
##	2843	2843	36	11	90	94709	1	2.80	1	0
##	2844	2844	27	3	20	95616	4	1.00	1	134
##	2845	2845	60	34	64	95014	3	2.20	3	0
##	2846	2846	62	36	85	90019	2	1.70	3	98
##	2847	2847	67	43	105	93711	4	1.70	2	0
##	2848	2848	44	18	21	90840	1	0.20	1	0
##	2849	2849	24	-1	78	94720	2	1.80	2	0
##	2850	2850	45	21	158	94085	2	6.67	1	132
##	2851	2851	58	34	125	94720	1	4.30	1	219
##	2852	2852	61	36	81	95449	3	1.80	2	0
##	2853	2853	54	29	183	93105	1	8.10	1	0
##	2854	2854	28	3	54	94550	4	0.60	2	0
##	2855	2855	49	24	79	94025	4	3.60	3	212

##	2856	2856	35	11	38	91706	1	1.50	2	136
##	2857	2857	36	10	172	94704	4	1.00	2	295
##	2858	2858	34	8	184	93106	3	7.50	1	0
##	2859	2859	36	11	158	95054	2	7.80	1	114
##	2860	2860	35	11	188	94596	1	0.90	3	282
##	2861	2861	27	2	20	95064	4	0.50	3	0
##	2862	2862	42	18	60	92677	4	0.20	3	151
##	2863	2863	65	39	113	92096	4	2.40	3	0
##	2864	2864	29	5	70	93101	4	0.00	1	0
##	2865	2865	65	41	84	95762	2	0.00	3	0
##	2866	2866	59	33	23	94002	2	0.20	3	0
##	2867	2867	46	22	141	90089	2	3.30	1	0
##	2868	2868	59	33	110	90007	3	4.40	1	264
##	2869	2869	52	26	31	94923	4	1.80	1	0
##	2870	2870	60	35	22	92660	1	1.30	1	80
##	2871	2871	43	17	91	95134	1	5.20	1	0
##	2872	2872	65	39	82	94131	4	2.40	3	252
##	2873	2873	50	26	23	92630	1	0.30	1	0
##	2874	2874	48	23	35	93943	1	0.10	1	0
##	2875	2875	49	25	114	91380	1	2.50	3	0
##	2876	2876	58	33	18	94402	3	0.10	2	0
##	2877	2877	24	-2	80	91107	2	1.60	3	238
##	2878	2878	58	32	74	95817	2	2.30	3	0
##	2879	2879	45	19	122	94590	4	4.10	2	0
##	2880	2880	42	15	73	94545	3	2.33	2	0
##	2881	2881	64	40	40	96064	2	1.10	1	0
##	2882	2882	49	25	55	92103	4	0.10	3	0
##	2883	2883	55	31	69	90089	1	2.70	2	0
##	2884	2884	40	14	92	90024	4	1.40	2	0
##	2885	2885	28	2	48	93943	4	2.10	3	0
##	2886	2886	57	31	113	91711	4	0.60	3	327
##	2887	2887	50	25	58	93940	1	1.30	2	0
##	2888	2888	40	16	109	94025	2	2.20	1	0
##	2889	2889	55	28	39	94542	3	1.00	2	0
##	2890	2890	53	29	33	94591	3	1.90	2	144
##	2891	2891	48	24	18	94304	4	0.20	1	0
##	2892	2892	59	33	63	90044	1	1.60	1	0
##	2893	2893	58	32	43	92093	1	2.80	2	0
##	2894	2894	38	14	70	94022	4	2.00	3	0
##	2895	2895	49	25	19	94545	1	0.90	3	0
##	2896	2896	60	36	39	94501	4	1.30	2	140
##	2897	2897	54	28	81	94720	3	0.80	1	0
##	2898	2898	28	2	34	92161	4	1.30	3	0
##	2899	2899	27	1	140	91711	1	5.90	2	175
##	2900	2900	42	18	114	94305	1	0.30	1	0
##	2901	2901	52	28	55	91320	2	3.20	3	151
##	2902	2902	54	30	21	95351	1	0.10	2	76
##	2903	2903	56	30	50	94022	4	2.80	2	0
##	2904	2904	58	34	41	95833	3	1.50	1	0
##	2905	2905	56	32	190	90032	3	2.20	1	0
##	2906	2906	64	40	8	94110	2	0.30	3	0
##	2907	2907	35	8	55	92870	2	1.67	2	0
##	2908	2908	45	20	40	91763	2	1.30	1	0
##	2909	2909	57	32	22	95616	3	0.10	2	0

##	2910	2910	35	8	44	94590	2	1.67	2	0
##	2911	2911	46	22	102	95039	3	4.50	3	0
##	2912	2912	30	4	54	93033	4	1.80	3	235
##	2913	2913	44	20	130	90291	4	3.20	2	0
##	2914	2914	39	12	75	94501	3	2.33	2	0
##	2915	2915	42	18	42	95929	2	1.70	1	0
##	2916	2916	34	9	133	92110	1	3.80	1	0
##	2917	2917	46	20	40	92037	1	1.20	2	0
##	2918	2918	55	31	34	94305	3	1.50	1	101
##	2919	2919	28	3	142	93727	1	0.80	1	0
##	2920	2920	35	10	64	94542	3	2.30	1	0
##	2921	2921	60	35	44	94720	2	1.60	3	170
##	2922	2922	50	24	95	91401	1	0.30	1	262
##	2923	2923	52	26	49	90011	1	1.40	3	0
##	2924	2924	51	27	12	91007	2	0.20	1	0
##	2925	2925	51	26	98	90024	1	1.30	3	0
##	2926	2926	59	35	42	91711	4	0.40	1	0
##	2927	2927	53	28	44	92152	2	0.60	3	0
##	2928	2928	43	17	124	94117	1	5.20	1	0
##	2929	2929	31	6	175	95005	2	6.70	1	0
##	2930	2930	32	6	22	94061	4	0.30	1	0
##	2931	2931	41	17	78	95929	4	2.67	1	99
##	2932	2932	31	4	54	91741	2	1.00	2	109
##	2933	2933	41	16	154	92407	1	7.00	1	0
##	2934	2934	47	22	42	95820	3	2.70	2	0
##	2935	2935	37	13	195	91763	2	6.50	1	635
##	2936	2936	53	23	80	93023	1	3.00	3	0
##	2937	2937	49	22	81	94301	3	2.00	2	0
##	2938	2938	62	36	89	94022	2	2.00	1	0
##	2939	2939	33	9	61	93943	3	2.60	2	0
##	2940	2940	54	24	25	90016	4	0.40	3	0
##	2941	2941	27	3	43	90245	3	0.10	2	163
##	2942	2942	60	35	122	92606	1	2.60	1	352
##	2943	2943	29	5	160	90405	1	4.30	1	385
##	2944	2944	56	32	83	91320	4	1.60	2	0
##	2945	2945	55	30	79	92182	2	0.00	3	0
##	2946	2946	45	19	30	94305	3	0.50	2	0
##	2947	2947	33	9	145	94110	1	4.30	1	437
##	2948	2948	45	21	151	90024	2	3.30	1	328
##	2949	2949	44	18	14	94720	2	0.10	3	98
##	2950	2950	37	11	19	95054	3	0.20	2	0
##	2951	2951	42	16	55	95820	1	0.70	3	135
##	2952	2952	26	2	132	94720	2	2.40	3	0
##	2953	2953	33	8	182	94065	1	8.60	1	0
##	2954	2954	61	36	78	91330	3	0.50	1	0
##	2955	2955	31	7	42	95822	1	2.40	2	0
##	2956	2956	54	29	44	95518	2	2.30	3	187
##	2957	2957	62	38	195	91125	4	5.20	3	522
##	2958	2958	61	36	53	92717	3	0.50	2	0
##	2959	2959	66	41	65	92612	3	2.40	1	0
##	2960	2960	38	12	43	94305	4	0.20	1	0
##	2961	2961	55	29	38	90035	4	1.50	3	0
##	2962	2962	60	36	50	95741	1	1.80	3	0
##	2963	2963	23	-2	81	91711	2	1.80	2	0



##	2964	2964	29	3	41	94588	1	1.90	3	0
##	2965	2965	35	10	73	93943	3	2.30	1	0
##	2966	2966	53	27	31	91605	2	0.40	3	104
##	2967	2967	32	7	84	91320	3	0.60	2	0
##	2968	2968	38	14	95	94109	2	1.90	1	0
##	2969	2969	44	18	162	90840	4	1.30	1	301
##	2970	2970	43	18	60	95039	2	2.20	3	115
##	2971	2971	54	30	121	95039	2	1.10	3	0
##	2972	2972	52	25	43	91380	3	1.00	2	165
##	2973	2973	31	7	38	92182	1	1.80	2	182
##	2974	2974	47	22	82	92084	1	2.90	1	276
##	2975	2975	42	18	52	95008	4	1.90	1	0
##	2976	2976	57	33	43	91016	3	1.50	1	168
##	2977	2977	33	8	82	95747	1	2.60	2	0
##	2978	2978	35	10	161	94109	1	4.10	1	0
##	2979	2979	56	30	24	94550	2	0.70	2	0
##	2980	2980	57	32	102	90210	1	2.60	1	0
##	2981	2981	25	-1	53	94305	3	2.40	2	0
##	2982	2982	53	28	85	92037	1	1.20	1	0
##	2983	2983	59	33	111	95120	3	4.40	1	0
##	2984	2984	56	32	90	95054	2	0.30	1	0
##	2985	2985	54	28	94	92709	2	1.10	1	188
##	2986	2986	48	23	63	94606	4	3.60	3	0
##	2987	2987	55	30	153	94305	2	2.80	2	0
##	2988	2988	33	7	39	92037	2	2.00	3	0
##	2989	2989	46	21	205	95762	2	8.80	1	181
##	2990	2990	42	18	142	93106	1	3.40	1	496
##	2991	2991	49	25	163	94608	2	0.40	1	0
##	2992	2992	42	17	113	93014	3	1.00	1	0
##	2993	2993	46	21	64	92104	1	2.90	1	0
##	2994	2994	65	40	20	92647	3	0.10	3	0
##	2995	2995	50	24	179	94025	1	1.00	1	0
##	2996	2996	54	24	91	91101	2	4.50	3	90
##	2997	2997	42	18	103	91367	1	3.33	1	0
##	2998	2998	57	33	80	95053	4	1.60	2	0
##	2999	2999	61	35	38	93106	2	0.30	1	0
##	3000	3000	60	34	44	94143	1	0.20	1	0
##	3001	3001	40	14	164	94720	1	4.30	2	0
##	3002	3002	33	7	81	92647	3	1.60	1	0
##	3003	3003	37	13	95	90095	2	1.70	2	83
##	3004	3004	52	28	44	90747	3	1.90	2	0
##	3005	3005	33	7	88	94583	3	1.60	1	0
##	3006	3006	62	36	148	94111	3	7.00	2	0
##	3007	3007	62	37	169	95014	3	5.00	2	184
##	3008	3008	63	37	11	91711	1	0.80	2	102
##	3009	3009	55	25	92	94550	1	3.00	3	158
##	3010	3010	33	9	74	92120	3	2.60	2	0
##	3011	3011	25	1	72	94301	3	0.80	1	0
##	3012	3012	55	31	63	95616	3	2.67	1	0
##	3013	3013	29	3	172	92373	2	4.50	1	415
##	3014	3014	45	21	183	90029	2	1.40	1	0
##	3015	3015	60	34	40	91311	1	2.50	3	166
##	3016	3016	44	18	68	92673	4	2.90	1	0
##	3017	3017	48	23	78	91423	4	3.60	3	0

##	3018	3018	57	32	68	90041	2	3.70	1	184
##	3019	3019	58	32	49	94005	1	1.40	1	99
##	3020	3020	58	33	39	94132	2	2.30	3	0
##	3021	3021	44	20	151	95193	1	3.50	1	392
##	3022	3022	54	28	159	90245	2	0.50	1	461
##	3023	3023	59	33	89	94608	4	1.90	2	0
##	3024	3024	63	37	105	92694	4	1.70	3	244
##	3025	3025	61	35	78	90840	2	2.00	1	0
##	3026	3026	58	32	128	94609	2	2.70	1	344
##	3027	3027	44	20	81	90254	4	0.80	1	228
##	3028	3028	53	29	50	93305	4	0.10	3	152
##	3029	3029	63	39	38	92624	3	0.10	3	178
##	3030	3030	41	17	119	94960	2	6.10	1	263
##	3031	3031	50	26	110	94509	3	1.80	2	0
##	3032	3032	51	25	29	90212	1	1.40	3	102
##	3033	3033	47	22	19	94590	1	0.40	3	0
##	3034	3034	43	19	130	90630	2	4.70	3	221
##	3035	3035	46	21	38	90024	1	2.40	1	130
##	3036	3036	50	24	31	95054	1	0.30	3	0
##	3037	3037	33	9	14	91320	4	0.70	2	105
##	3038	3038	27	2	158	95060	3	0.40	2	0
##	3039	3039	34	8	39	92124	4	0.20	1	115
##	3040	3040	34	9	141	95616	2	4.90	3	0
##	3041	3041	28	2	33	95814	3	1.00	1	167
##	3042	3042	29	5	92	95006	2	0.60	1	0
##	3043	3043	52	26	78	94301	3	3.00	2	0
##	3044	3044	47	22	42	91754	3	2.70	2	0
##	3045	3045	41	16	15	94124	2	0.30	2	83
##	3046	3046	58	32	48	91768	1	2.80	2	0
##	3047	3047	37	12	63	95630	3	2.30	1	0
##	3048	3048	57	33	149	95060	1	4.70	1	0
##	3049	3049	63	39	49	90275	1	0.80	1	103
##	3050	3050	60	35	125	94720	2	3.90	1	0
##	3051	3051	50	25	58	92131	1	1.30	2	0
##	3052	3052	60	35	48	94538	3	1.50	1	0
##	3053	3053	54	30	75	94720	2	3.20	3	0
##	3054	3054	28	4	114	92521	2	0.20	1	0
##	3055	3055	45	21	134	92697	4	5.50	2	0
##	3056	3056	28	2	111	94305	4	2.30	3	0
##	3057	3057	54	29	62	94301	4	3.80	2	149
##	3058	3058	42	18	45	95616	1	0.70	1	0
##	3059	3059	30	4	113	90064	2	0.20	1	0
##	3060	3060	61	36	128	94550	1	2.60	1	0
##	3061	3061	64	38	168	94061	4	5.70	3	0
##	3062	3062	38	13	81	90095	1	4.00	3	206
##	3063	3063	39	14	75	92521	1	0.10	2	297
##	3064	3064	54	29	21	95841	4	0.10	3	0
##	3065	3065	59	33	83	94701	3	4.40	1	0
##	3066	3066	39	15	121	92354	1	3.50	1	368
##	3067	3067	63	33	40	91320	4	1.67	3	0
##	3068	3068	31	5	101	94501	1	2.90	3	170
##	3069	3069	56	26	90	92120	2	4.50	3	0
##	3070	3070	47	20	68	91320	1	2.67	2	0
##	3071	3071	28	3	74	91330	2	1.80	2	221

##	3072	3072	32	8	74	93023	4	0.10	2	257
##	3073	3073	54	30	51	92821	2	3.20	3	0
##	3074	3074	29	5	149	94611	1	1.50	1	0
##	3075	3075	39	15	31	95039	1	1.40	3	88
##	3076	3076	26	0	85	95616	2	1.60	3	0
##	3077	3077	29	-1	62	92672	2	1.75	3	0
##	3078	3078	46	21	44	95112	1	0.30	1	110
##	3079	3079	38	13	63	92325	3	0.50	3	190
##	3080	3080	55	31	23	95616	2	0.30	1	0
##	3081	3081	48	22	40	94063	3	2.20	2	87
##	3082	3082	36	10	78	95064	2	4.50	3	204
##	3083	3083	39	13	40	92122	3	0.90	3	129
##	3084	3084	40	16	78	90720	4	2.40	1	0
##	3085	3085	26	0	129	90028	3	0.70	2	0
##	3086	3086	55	29	71	91311	3	0.30	2	0
##	3087	3087	61	35	23	94720	3	0.30	3	0
##	3088	3088	57	33	15	94303	2	0.30	1	0
##	3089	3089	56	31	28	94720	1	1.30	1	138
##	3090	3090	31	5	23	94110	3	1.00	1	95
##	3091	3091	61	31	19	91109	1	1.50	3	0
##	3092	3092	58	32	42	95020	3	1.40	3	158
##	3093	3093	43	18	113	90036	2	0.40	1	325
##	3094	3094	29	5	34	90717	4	0.40	2	0
##	3095	3095	50	23	19	90272	1	0.50	2	104
##	3096	3096	49	25	43	94109	1	1.60	2	0
##	3097	3097	43	18	179	94108	3	1.20	1	0
##	3098	3098	58	32	44	92182	3	2.20	3	0
##	3099	3099	41	16	21	92024	2	0.10	2	0
##	3100	3100	65	40	115	92647	1	2.50	1	174
##	3101	3101	52	27	81	90024	4	3.80	2	0
##	3102	3102	55	31	91	93555	2	2.80	1	0
##	3103	3103	49	25	30	90095	4	0.90	2	0
##	3104	3104	52	22	55	92129	3	1.40	3	0
##	3105	3105	56	31	48	91775	2	2.10	3	0
##	3106	3106	30	4	23	94122	4	0.30	2	121
##	3107	3107	36	10	21	92084	3	0.10	2	0
##	3108	3108	41	17	55	92374	2	1.70	1	0
##	3109	3109	42	15	21	95678	3	1.00	2	0
##	3110	3110	60	34	40	93940	3	2.20	3	0
##	3111	3111	44	20	30	95020	4	0.30	1	0
##	3112	3112	34	9	78	90095	3	0.60	2	0
##	3113	3113	56	32	65	92677	2	3.20	3	0
##	3114	3114	31	5	50	91330	4	2.10	3	209
##	3115	3115	29	4	55	90024	4	2.00	2	0
##	3116	3116	31	5	111	94305	2	0.20	1	0
##	3117	3117	36	10	21	92008	3	0.10	2	0
##	3118	3118	42	16	65	92614	3	0.50	3	256
##	3119	3119	64	39	114	90095	1	0.80	3	0
##	3120	3120	61	36	54	91320	3	0.90	3	179
##	3121	3121	35	11	75	94542	2	1.70	2	0
##	3122	3122	28	2	13	91791	4	0.40	1	0
##	3123	3123	38	14	54	90095	2	0.60	3	218
##	3124	3124	44	17	22	94546	3	1.00	2	126
##	3125	3125	45	20	198	95053	2	2.80	1	0

##	3126	3126	46	20	18	92521	1	0.20	1	0
##	3127	3127	57	32	74	92780	4	0.70	1	0
##	3128	3128	40	14	61	94539	4	0.20	3	0
##	3129	3129	38	12	64	94115	2	1.80	1	0
##	3130	3130	39	14	10	92705	2	0.30	2	0
##	3131	3131	23	-2	82	92152	2	1.80	2	0
##	3132	3132	47	22	61	94025	3	2.70	2	168
##	3133	3133	32	7	83	94302	2	2.50	1	148
##	3134	3134	30	5	73	93711	3	2.60	3	0
##	3135	3135	54	30	22	95060	2	0.40	1	89
##	3136	3136	25	0	91	95039	2	1.80	2	321
##	3137	3137	60	34	65	95354	3	2.20	3	94
##	3138	3138	61	36	13	91711	3	0.50	1	0
##	3139	3139	36	11	103	93555	1	4.60	1	255
##	3140	3140	52	26	95	92130	1	0.30	1	0
##	3141	3141	33	7	31	94303	4	1.00	1	0
##	3142	3142	57	31	131	90405	3	0.60	1	0
##	3143	3143	34	8	175	95051	4	1.10	3	0
##	3144	3144	50	24	38	91105	4	0.10	1	0
##	3145	3145	43	18	104	91711	3	1.00	1	0
##	3146	3146	34	10	114	94305	3	3.30	3	0
##	3147	3147	26	1	38	91910	4	1.70	2	0
##	3148	3148	26	0	30	94024	4	1.30	3	0
##	3149	3149	48	22	19	95616	2	0.10	3	106
##	3150	3150	49	25	25	95192	4	1.00	1	0
##	3151	3151	47	22	124	90027	4	5.00	3	0
##	3152	3152	43	19	20	94110	3	0.50	1	0
##	3153	3153	40	15	83	90275	1	1.00	3	0
##	3154	3154	31	5	18	94111	4	0.30	2	0
##	3155	3155	27	1	99	94305	1	3.00	3	149
##	3156	3156	55	29	62	92626	3	0.30	2	0
##	3157	3157	54	30	24	92647	1	0.10	2	0
##	3158	3158	23	-1	13	94720	4	1.00	1	84
##	3159	3159	54	28	64	90095	2	0.80	3	0
##	3160	3160	57	33	62	92831	3	2.67	1	240
##	3161	3161	41	15	158	94304	1	4.70	2	0
##	3162	3162	28	4	88	94024	1	5.40	1	0
##	3163	3163	33	7	28	94109	4	0.80	1	0
##	3164	3164	51	27	52	94132	2	1.00	3	0
##	3165	3165	28	4	82	95136	4	0.00	1	0
##	3166	3166	63	37	140	91711	2	6.90	1	97
##	3167	3167	29	4	80	90028	1	0.80	2	0
##	3168	3168	62	38	58	94720	4	1.20	2	228
##	3169	3169	51	25	180	94701	1	1.70	1	0
##	3170	3170	52	28	55	94608	1	1.60	2	227
##	3171	3171	43	16	65	94110	3	2.67	2	100
##	3172	3172	39	12	62	91910	3	2.33	2	0
##	3173	3173	35	9	23	95670	4	0.30	1	0
##	3174	3174	34	10	35	94309	1	1.70	1	0
##	3175	3175	49	24	35	94701	4	0.20	2	0
##	3176	3176	43	18	74	92009	4	0.40	1	0
##	3177	3177	48	24	14	91330	3	0.40	1	0
##	3178	3178	30	4	83	91007	2	1.50	3	199
##	3179	3179	46	21	71	95814	4	1.90	3	0

##	3180	3180	43	17	53	90245	2	0.70	1	130
##	3181	3181	27	3	103	92121	2	0.60	1	84
##	3182	3182	39	15	109	95827	1	1.70	1	0
##	3183	3183	58	33	60	94304	2	1.90	2	94
##	3184	3184	44	17	12	94542	3	0.67	2	0
##	3185	3185	39	15	141	92354	2	8.00	1	0
##	3186	3186	35	10	128	92843	1	3.80	1	0
##	3187	3187	41	16	98	95192	3	1.00	1	296
##	3188	3188	43	18	41	94035	1	0.50	3	0
##	3189	3189	55	25	90	90717	2	4.50	3	0
##	3190	3190	32	6	31	92675	1	0.30	1	0
##	3191	3191	56	26	74	91335	1	3.00	3	0
##	3192	3192	30	5	83	93101	4	1.80	3	0
##	3193	3193	65	39	35	94005	1	0.50	3	0
##	3194	3194	31	7	140	95616	1	4.00	1	0
##	3195	3195	41	15	65	90019	3	0.50	3	0
##	3196	3196	55	29	35	90007	3	1.40	1	0
##	3197	3197	37	7	73	94043	4	1.80	3	0
##	3198	3198	34	10	29	93555	1	1.50	2	0
##	3199	3199	34	9	55	92122	4	2.00	2	147
##	3200	3200	33	9	20	95521	4	0.70	2	0
##	3201	3201	48	23	70	92122	1	2.80	2	0
##	3202	3202	28	3	81	92121	4	0.20	1	0
##	3203	3203	30	4	25	92173	2	0.30	1	0
##	3204	3204	44	20	119	92677	2	7.50	1	239
##	3205	3205	61	35	49	90095	4	1.70	2	185
##	3206	3206	59	33	38	92407	1	1.40	1	0
##	3207	3207	33	7	80	91103	2	1.50	3	0
##	3208	3208	56	32	84	93407	1	4.30	1	0
##	3209	3209	53	29	61	95032	4	1.60	2	0
##	3210	3210	42	16	173	91355	2	1.50	2	373
##	3211	3211	43	19	60	94301	2	2.50	1	0
##	3212	3212	35	9	83	90277	2	4.50	3	0
##	3213	3213	61	35	59	92697	1	2.80	2	0
##	3214	3214	39	9	32	90212	3	2.00	3	116
##	3215	3215	61	37	33	91775	3	0.10	3	0
##	3216	3216	40	15	19	90630	4	0.20	3	0
##	3217	3217	34	8	14	95014	4	0.30	1	0
##	3218	3218	65	39	94	93022	4	4.10	1	120
##	3219	3219	40	16	154	94122	2	6.10	1	325
##	3220	3220	39	15	33	92346	1	2.00	2	0
##	3221	3221	61	35	28	93302	2	0.20	3	135
##	3222	3222	40	16	44	93407	1	1.80	1	0
##	3223	3223	49	23	81	93107	2	0.80	3	0
##	3224	3224	43	18	29	95126	1	0.50	3	0
##	3225	3225	45	21	58	94025	3	0.30	3	0
##	3226	3226	52	28	38	95064	4	0.90	2	0
##	3227	3227	32	8	82	93943	3	1.50	1	0
##	3228	3228	31	7	18	94720	1	0.40	3	0
##	3229	3229	27	2	45	94305	2	1.70	2	0
##	3230	3230	33	9	64	92507	4	3.40	1	0
##	3231	3231	65	40	48	94708	3	2.40	1	0
##	3232	3232	62	37	24	90717	1	0.30	3	0
##	3233	3233	55	25	65	92093	4	2.00	3	0

##	3234	3234	46	20	111	95037	1	0.00	1	329
##	3235	3235	37	12	114	91107	3	0.60	2	0
##	3236	3236	60	35	39	91711	2	1.60	3	0
##	3237	3237	44	14	19	94112	1	0.75	3	0
##	3238	3238	35	9	22	94085	3	0.10	2	0
##	3239	3239	52	28	49	94928	4	1.10	2	0
##	3240	3240	30	4	40	90095	1	0.30	1	0
##	3241	3241	62	36	63	93407	1	1.60	1	118
##	3242	3242	41	15	55	94305	1	2.80	1	0
##	3243	3243	38	14	33	92096	1	2.00	2	0
##	3244	3244	52	26	31	92054	4	1.50	3	0
##	3245	3245	48	24	24	92624	4	0.20	1	0
##	3246	3246	47	22	81	90009	4	3.60	3	0
##	3247	3247	41	17	81	95422	1	0.80	2	223
##	3248	3248	44	20	113	95032	2	3.30	1	0
##	3249	3249	31	6	92	92037	2	3.30	1	0
##	3250	3250	50	25	81	92806	1	1.20	1	0
##	3251	3251	36	11	101	90212	3	1.20	3	0
##	3252	3252	52	26	78	90720	3	3.00	2	0
##	3253	3253	62	38	78	92521	2	0.00	3	0
##	3254	3254	55	30	35	94025	1	1.50	2	118
##	3255	3255	61	37	9	93907	2	0.30	3	0
##	3256	3256	34	7	82	95741	4	2.00	2	0
##	3257	3257	34	9	41	94305	1	2.50	3	0
##	3258	3258	59	35	84	92407	1	1.80	3	0
##	3259	3259	41	17	42	91910	4	2.20	2	185
##	3260	3260	33	8	54	92251	3	2.30	1	0
##	3261	3261	55	30	84	95821	2	0.00	3	0
##	3262	3262	64	40	131	91103	1	3.80	1	0
##	3263	3263	44	19	85	90024	2	3.80	3	0
##	3264	3264	32	8	84	92093	4	3.40	1	0
##	3265	3265	67	41	114	95616	4	2.40	3	0
##	3266	3266	40	14	61	94612	3	0.50	3	0
##	3267	3267	57	31	39	92821	1	2.20	3	0
##	3268	3268	59	35	21	95818	2	1.00	1	120
##	3269	3269	43	17	111	91423	4	5.40	3	0
##	3270	3270	58	34	68	94305	2	2.80	1	113
##	3271	3271	50	23	179	94609	4	3.60	2	0
##	3272	3272	52	27	93	90291	4	4.10	2	0
##	3273	3273	35	9	85	92121	2	1.80	1	0
##	3274	3274	40	15	180	90095	1	4.10	1	0
##	3275	3275	31	5	110	92123	2	1.50	3	0
##	3276	3276	32	8	65	95134	1	1.20	1	268
##	3277	3277	55	31	159	92123	1	3.90	3	0
##	3278	3278	43	19	81	92121	2	3.20	1	0
##	3279	3279	31	6	132	94571	1	3.80	1	0
##	3280	3280	26	-1	44	94901	1	2.00	2	0
##	3281	3281	58	33	98	90277	1	2.60	1	0
##	3282	3282	51	25	62	95014	2	1.50	2	0
##	3283	3283	45	21	91	95054	1	4.70	1	0
##	3284	3284	56	30	29	92152	4	0.70	2	87
##	3285	3285	25	-1	101	95819	4	2.10	3	0
##	3286	3286	38	13	65	91706	3	0.70	2	0
##	3287	3287	62	36	58	95020	1	2.80	2	0

##	3288	3288	39	13	32	90747	2	0.80	3	0
##	3289	3289	56	30	140	94122	4	0.50	1	292
##	3290	3290	50	25	44	94303	1	0.30	1	187
##	3291	3291	52	27	113	92038	1	0.10	3	0
##	3292	3292	53	28	38	94998	1	1.30	2	0
##	3293	3293	25	-1	13	95616	4	0.40	1	0
##	3294	3294	44	20	62	94939	2	2.50	1	0
##	3295	3295	42	12	29	93611	3	2.00	3	0
##	3296	3296	42	16	141	94960	3	4.00	2	0
##	3297	3297	63	37	132	94080	1	4.40	2	0
##	3298	3298	57	32	23	93407	1	0.30	3	0
##	3299	3299	56	32	11	94110	2	0.30	1	89
##	3300	3300	60	34	90	92192	4	1.90	2	0
##	3301	3301	62	38	43	92354	1	1.90	2	0
##	3302	3302	48	22	59	90086	4	2.60	1	0
##	3303	3303	37	11	28	94501	2	0.80	3	0
##	3304	3304	55	29	28	94539	2	0.70	2	82
##	3305	3305	42	17	108	95120	3	1.00	1	383
##	3306	3306	39	13	78	95616	1	2.80	3	0
##	3307	3307	47	22	65	90840	1	2.40	1	0
##	3308	3308	34	10	25	92038	4	1.00	1	0
##	3309	3309	48	23	108	92120	2	3.80	3	0
##	3310	3310	52	27	43	94611	4	0.20	2	0
##	3311	3311	53	29	95	94720	4	1.00	2	0
##	3312	3312	49	25	24	95819	1	0.30	1	0
##	3313	3313	47	22	190	94550	2	8.80	1	0
##	3314	3314	48	24	24	91950	1	0.90	3	0
##	3315	3315	38	13	41	90073	4	1.70	1	0
##	3316	3316	48	22	80	94720	3	1.10	1	0
##	3317	3317	56	26	63	94501	3	2.00	3	0
##	3318	3318	65	41	79	90035	3	2.00	3	0
##	3319	3319	46	20	105	90089	4	3.20	1	0
##	3320	3320	60	35	153	95136	3	2.00	3	0
##	3321	3321	50	25	114	92104	1	0.60	1	0
##	3322	3322	41	15	120	94521	1	5.20	1	0
##	3323	3323	41	16	104	92008	1	4.00	3	0
##	3324	3324	60	35	20	92110	1	1.30	1	0
##	3325	3325	57	31	41	91401	1	1.40	1	0
##	3326	3326	48	23	35	93302	2	1.30	1	0
##	3327	3327	53	27	174	91006	1	2.90	2	0
##	3328	3328	42	18	164	93407	1	1.30	3	0
##	3329	3329	45	20	22	90230	1	0.10	1	0
##	3330	3330	35	10	132	94123	1	3.80	1	82
##	3331	3331	34	9	32	95054	4	1.10	3	0
##	3332	3332	67	42	21	94607	3	0.10	3	0
##	3333	3333	36	9	49	94402	2	1.67	2	0
##	3334	3334	37	13	79	91711	4	0.10	2	280
##	3335	3335	40	14	30	94720	2	0.80	3	86
##	3336	3336	35	10	118	92069	2	7.80	1	358
##	3337	3337	60	34	11	94305	4	0.70	3	0
##	3338	3338	59	29	61	92008	3	2.00	3	0
##	3339	3339	35	9	43	92037	4	1.20	2	0
##	3340	3340	27	1	141	95135	4	5.10	3	354
##	3341	3341	29	3	54	94104	4	1.80	3	0

##	3342	3342	35	9	33	91125	2	0.30	1	0
##	3343	3343	38	13	84	91330	3	1.20	3	121
##	3344	3344	62	37	125	94801	1	1.00	3	0
##	3345	3345	43	19	110	90639	1	3.40	1	0
##	3346	3346	35	11	14	94720	4	1.00	1	0
##	3347	3347	41	15	65	92037	2	2.80	1	0
##	3348	3348	65	41	78	92109	3	2.00	3	0
##	3349	3349	61	35	18	94303	3	0.30	3	0
##	3350	3350	55	25	95	92407	2	4.50	3	275
##	3351	3351	28	3	95	90245	2	1.80	2	0
##	3352	3352	52	26	191	92121	1	1.70	1	0
##	3353	3353	34	4	19	92521	1	0.67	3	83
##	3354	3354	49	23	19	94521	4	0.60	3	0
##	3355	3355	42	18	39	92703	1	0.30	3	0
##	3356	3356	49	23	93	90036	1	2.40	1	0
##	3357	3357	49	23	115	95051	3	4.60	3	0
##	3358	3358	32	6	112	94111	1	2.70	2	408
##	3359	3359	59	35	40	94536	4	0.40	1	0
##	3360	3360	43	19	45	91773	3	0.60	2	0
##	3361	3361	48	24	133	90740	1	5.00	1	0
##	3362	3362	31	5	85	94117	3	1.60	1	87
##	3363	3363	30	4	18	90277	2	0.30	2	0
##	3364	3364	58	34	54	93003	4	1.30	2	0
##	3365	3365	41	15	41	94143	2	2.40	2	105
##	3366	3366	38	8	21	95060	1	0.67	3	0
##	3367	3367	33	9	152	90024	1	6.00	1	0
##	3368	3368	51	27	53	92122	1	1.60	2	0
##	3369	3369	45	18	163	94720	3	5.33	2	0
##	3370	3370	34	10	84	95616	4	0.10	2	0
##	3371	3371	39	13	59	90033	3	0.90	3	199
##	3372	3372	44	18	33	95351	3	0.50	2	0
##	3373	3373	55	29	81	94928	4	4.90	1	209
##	3374	3374	28	2	182	92660	3	7.20	2	442
##	3375	3375	57	31	61	91360	1	2.20	3	0
##	3376	3376	43	18	88	90089	4	1.10	2	0
##	3377	3377	46	21	170	95136	2	2.80	1	0
##	3378	3378	35	10	83	95370	4	0.70	3	315
##	3379	3379	25	0	44	94536	4	0.60	2	0
##	3380	3380	65	41	83	94305	3	2.00	3	0
##	3381	3381	64	38	21	95422	1	0.80	2	76
##	3382	3382	39	15	143	91711	1	3.50	1	0
##	3383	3383	62	36	103	92182	2	2.80	1	0
##	3384	3384	46	22	135	95135	3	4.10	1	213
##	3385	3385	36	11	162	94583	1	8.60	1	153
##	3386	3386	42	17	73	90089	4	0.40	1	0
##	3387	3387	35	10	142	94061	4	0.80	3	0
##	3388	3388	63	37	25	94035	2	0.20	3	0
##	3389	3389	45	21	115	91320	2	3.30	1	85
##	3390	3390	27	3	88	92182	3	0.80	1	238
##	3391	3391	29	3	73	94720	3	0.30	3	0
##	3392	3392	55	29	94	94109	1	0.80	3	221
##	3393	3393	32	7	58	92612	1	1.00	1	0
##	3394	3394	37	11	81	95123	3	0.90	2	0
##	3395	3395	25	-1	113	90089	4	2.10	3	0



##	3396	3396	41	16	35	94061	2	1.40	2	135
##	3397	3397	52	28	65	93106	1	0.00	1	0
##	3398	3398	31	6	170	94010	2	6.70	1	137
##	3399	3399	40	14	62	92028	2	2.40	2	0
##	3400	3400	54	29	54	94720	2	2.10	3	97
##	3401	3401	48	22	39	94065	1	1.20	2	0
##	3402	3402	39	15	28	95818	1	1.40	3	118
##	3403	3403	64	40	95	90095	2	0.00	3	0
##	3404	3404	54	29	82	94709	3	3.70	2	0
##	3405	3405	39	14	21	94303	1	0.60	3	101
##	3406	3406	55	30	50	94061	2	2.10	3	0
##	3407	3407	42	12	34	92177	3	2.00	3	0
##	3408	3408	58	32	19	90405	4	0.70	3	0
##	3409	3409	45	21	71	90029	4	1.90	1	0
##	3410	3410	29	5	113	95351	2	2.00	2	84
##	3411	3411	36	11	9	90230	4	0.20	3	0
##	3412	3412	63	37	118	94010	1	2.00	1	427
##	3413	3413	55	29	79	90029	4	4.90	1	0
##	3414	3414	54	24	72	95123	3	1.40	3	0
##	3415	3415	61	36	18	95010	1	1.30	1	0
##	3416	3416	36	12	93	90720	2	2.20	1	0
##	3417	3417	61	37	62	94111	1	0.00	2	244
##	3418	3418	39	12	23	90024	3	1.00	2	0
##	3419	3419	57	31	40	91775	3	1.40	3	0
##	3420	3420	35	10	34	95503	4	1.70	1	87
##	3421	3421	66	41	114	94305	1	0.80	3	0
##	3422	3422	49	23	125	90245	1	2.40	1	0
##	3423	3423	48	23	41	92677	1	1.40	3	0
##	3424	3424	61	35	38	93009	2	1.00	3	0
##	3425	3425	44	19	45	94539	4	0.00	2	0
##	3426	3426	23	-1	12	91605	4	1.00	1	90
##	3427	3427	31	5	115	90025	2	1.50	3	189
##	3428	3428	39	15	175	94080	2	8.00	1	0
##	3429	3429	45	21	24	93106	1	0.90	3	0
##	3430	3430	39	14	28	91320	2	1.40	2	108
##	3431	3431	64	38	32	90291	2	0.30	1	0
##	3432	3432	64	38	63	94305	2	1.70	3	184
##	3433	3433	47	23	32	95370	1	1.00	1	0
##	3434	3434	34	9	60	94306	4	1.30	1	0
##	3435	3435	56	31	53	95521	2	1.60	3	78
##	3436	3436	33	8	58	92037	4	1.30	1	0
##	3437	3437	56	29	42	92104	4	2.50	2	0
##	3438	3438	57	31	39	94304	4	0.70	2	0
##	3439	3439	43	17	72	94806	1	2.80	1	271
##	3440	3440	43	17	80	95020	3	0.10	1	0
##	3441	3441	26	1	39	95133	4	0.60	2	0
##	3442	3442	64	40	18	94309	2	0.30	3	0
##	3443	3443	43	18	30	93940	1	0.50	3	0
##	3444	3444	44	18	54	90639	1	2.80	1	202
##	3445	3445	60	35	128	93101	1	0.90	1	0
##	3446	3446	37	13	38	94701	1	1.50	2	116
##	3447	3447	56	32	120	90232	1	7.40	1	186
##	3448	3448	54	29	25	90747	4	0.10	3	109
##	3449	3449	43	18	85	92606	4	1.90	3	110

##	3450	3450	57	32	135	90095	3	4.80	2	0
##	3451	3451	29	4	14	94590	4	0.50	3	0
##	3452	3452	54	30	70	92182	1	1.60	3	251
##	3453	3453	61	37	23	94720	3	0.40	2	0
##	3454	3454	29	3	31	94709	4	0.30	2	0
##	3455	3455	47	21	132	92120	1	0.30	1	0
##	3456	3456	43	19	28	93010	3	0.50	1	0
##	3457	3457	46	22	125	94536	2	4.70	3	0
##	3458	3458	55	31	91	94110	2	2.80	1	0
##	3459	3459	48	23	191	95053	2	2.80	1	231
##	3460	3460	26	1	88	94025	2	1.80	2	0
##	3461	3461	63	37	84	92691	4	2.40	3	0
##	3462	3462	57	27	64	92007	3	2.00	3	142
##	3463	3463	58	33	28	94608	2	0.50	2	146
##	3464	3464	28	3	149	92121	1	0.80	1	0
##	3465	3465	61	37	172	92612	4	4.25	1	0
##	3466	3466	65	41	42	95616	1	1.90	2	0
##	3467	3467	33	6	53	94122	2	1.00	2	96
##	3468	3468	63	37	149	90840	2	0.20	3	364
##	3469	3469	43	19	113	93933	2	1.80	2	0
##	3470	3470	26	2	79	95630	2	2.50	1	0
##	3471	3471	57	31	175	90503	2	0.50	1	429
##	3472	3472	50	25	38	95503	1	1.40	3	0
##	3473	3473	54	27	120	92672	4	3.00	2	431
##	3474	3474	59	34	52	92173	4	0.70	1	0
##	3475	3475	49	24	42	92121	2	0.70	2	0
##	3476	3476	54	30	13	92037	1	0.30	1	0
##	3477	3477	65	39	141	90280	2	6.90	1	0
##	3478	3478	34	10	131	94024	2	4.33	1	156
##	3479	3479	31	6	133	95747	1	1.50	3	0
##	3480	3480	31	6	64	94720	2	2.50	1	0
##	3481	3481	64	39	49	94591	2	1.50	1	0
##	3482	3482	52	26	34	93023	1	0.30	3	0
##	3483	3483	57	33	91	95133	1	4.30	1	81
##	3484	3484	60	36	195	90066	1	4.70	1	0
##	3485	3485	45	18	53	92104	3	2.50	2	112
##	3486	3486	39	13	39	92103	2	0.80	3	0
##	3487	3487	25	1	20	92806	4	1.00	1	0
##	3488	3488	29	4	104	91711	4	1.80	3	0
##	3489	3489	40	15	51	94117	2	1.10	2	131
##	3490	3490	36	12	154	91320	3	6.40	1	0
##	3491	3491	33	9	38	95814	1	1.33	1	115
##	3492	3492	51	27	12	92697	2	0.40	1	0
##	3493	3493	35	9	28	94546	1	0.60	3	0
##	3494	3494	54	28	33	94710	2	0.40	3	0
##	3495	3495	29	2	31	91330	4	1.50	2	0
##	3496	3496	32	8	44	91401	1	1.80	2	192
##	3497	3497	37	13	49	91711	4	2.00	3	192
##	3498	3498	55	31	134	92130	2	0.30	1	0
##	3499	3499	30	6	182	93561	4	0.80	3	94
##	3500	3500	49	23	114	94550	1	0.30	1	286
##	3501	3501	51	26	90	94110	1	2.80	2	0
##	3502	3502	65	39	105	91380	4	1.70	3	0
##	3503	3503	32	8	58	95616	3	2.00	1	90

##	3504	3504	29	3	53	95814	4	2.10	3	0
##	3505	3505	46	20	15	95370	4	0.60	3	0
##	3506	3506	64	39	103	90304	1	0.80	3	0
##	3507	3507	27	1	58	95827	4	1.80	2	154
##	3508	3508	50	23	83	91791	1	2.67	2	0
##	3509	3509	33	9	125	92182	1	4.30	3	0
##	3510	3510	38	12	61	91330	3	0.90	3	0
##	3511	3511	38	11	69	92124	3	2.33	2	0
##	3512	3512	37	11	89	94609	1	1.50	3	0
##	3513	3513	46	20	70	90405	4	2.90	1	0
##	3514	3514	31	4	39	94501	2	1.00	2	0
##	3515	3515	35	9	41	90024	4	1.20	2	0
##	3516	3516	50	26	148	94143	2	0.40	1	508
##	3517	3517	45	21	38	93943	3	0.60	2	148
##	3518	3518	30	6	95	94234	1	3.90	3	146
##	3519	3519	60	36	129	95039	2	6.00	1	0
##	3520	3520	31	5	84	94720	4	1.80	2	0
##	3521	3521	60	35	29	92126	3	1.30	2	0
##	3522	3522	36	10	30	91711	2	0.80	3	0
##	3523	3523	64	40	90	94028	2	0.00	3	134
##	3524	3524	29	4	150	91302	1	0.80	1	0
##	3525	3525	58	33	15	94583	4	0.90	2	0
##	3526	3526	59	34	13	96651	4	0.90	2	0
##	3527	3527	58	33	9	95008	2	0.20	3	0
##	3528	3528	35	10	24	95054	4	1.10	3	0
##	3529	3529	43	17	41	90210	3	2.20	2	0
##	3530	3530	33	7	25	94132	4	1.00	1	0
##	3531	3531	54	28	49	90073	4	2.80	2	0
##	3532	3532	38	12	58	94542	3	0.90	3	128
##	3533	3533	38	12	141	94022	2	0.00	1	0
##	3534	3534	57	32	50	94545	4	2.10	1	211
##	3535	3535	34	10	61	95006	3	2.00	1	0
##	3536	3536	52	27	65	92104	1	1.20	1	0
##	3537	3537	50	24	112	94005	1	0.30	1	229
##	3538	3538	60	34	19	92093	3	0.30	3	0
##	3539	3539	26	0	23	93561	1	0.10	2	0
##	3540	3540	56	30	60	91380	1	2.20	3	0
##	3541	3541	39	15	30	94305	4	0.30	1	0
##	3542	3542	45	20	144	92106	4	5.40	1	210
##	3543	3543	30	5	118	92182	4	3.00	3	0
##	3544	3544	37	11	194	94303	2	0.00	1	0
##	3545	3545	45	19	109	92037	3	1.10	1	0
##	3546	3546	48	22	174	95827	1	2.40	1	0
##	3547	3547	65	40	34	94720	1	1.10	3	119
##	3548	3548	46	20	84	92354	3	0.70	2	0
##	3549	3549	40	16	41	91107	1	2.00	2	0
##	3550	3550	33	7	92	90840	3	1.60	1	0
##	3551	3551	40	10	19	94609	1	0.75	3	116
##	3552	3552	60	35	55	92807	3	0.50	2	172
##	3553	3553	51	27	22	93106	4	0.50	2	0
##	3554	3554	41	16	155	95070	1	7.00	1	0
##	3555	3555	37	13	72	92407	4	2.00	3	0
##	3556	3556	35	9	81	91107	1	2.70	2	0
##	3557	3557	35	11	30	94303	1	1.70	1	0

##	3558	3558	46	20	54	90755	4	2.90	1	189
##	3559	3559	60	34	60	94065	3	2.50	1	0
##	3560	3560	51	25	68	94065	1	1.50	2	0
##	3561	3561	31	5	65	94591	4	2.20	2	126
##	3562	3562	30	6	31	94720	3	1.00	2	142
##	3563	3563	32	8	169	94596	1	6.50	3	272
##	3564	3564	53	27	139	94998	1	0.90	3	0
##	3565	3565	33	7	29	94720	1	0.60	3	0
##	3566	3566	40	15	43	92120	2	1.10	2	0
##	3567	3567	57	33	80	92064	2	2.80	1	0
##	3568	3568	51	26	43	91040	1	1.30	2	123
##	3569	3569	30	4	194	93407	2	4.50	1	0
##	3570	3570	41	15	24	92130	2	0.80	3	0
##	3571	3571	54	29	32	91107	2	0.60	3	0
##	3572	3572	42	18	153	93955	3	5.60	1	416
##	3573	3573	30	6	30	90245	1	0.40	3	0
##	3574	3574	60	36	165	90095	3	5.60	1	0
##	3575	3575	56	30	64	95123	3	0.30	2	0
##	3576	3576	63	38	15	94305	4	0.60	2	83
##	3577	3577	56	30	70	90245	3	0.30	2	0
##	3578	3578	39	9	32	91016	3	2.00	3	0
##	3579	3579	29	5	128	91302	2	4.10	2	209
##	3580	3580	28	2	84	94305	1	2.90	3	102
##	3581	3581	41	16	62	94553	2	2.20	3	0
##	3582	3582	28	4	33	91330	3	1.00	2	0
##	3583	3583	49	25	65	92354	1	0.00	1	0
##	3584	3584	30	3	33	95112	4	1.50	2	85
##	3585	3585	63	37	15	92121	1	0.80	2	115
##	3586	3586	45	18	45	92037	3	1.00	2	0
##	3587	3587	40	15	132	94131	2	3.90	1	0
##	3588	3588	28	4	29	94080	3	0.10	2	0
##	3589	3589	62	38	65	91768	1	0.00	2	0
##	3590	3590	38	12	52	92807	2	2.40	2	147
##	3591	3591	32	7	64	92630	2	0.10	1	0
##	3592	3592	58	32	73	94109	2	2.30	3	224
##	3593	3593	33	3	20	94704	1	0.67	3	0
##	3594	3594	60	34	44	90018	2	0.30	1	192
##	3595	3595	34	8	79	95616	1	2.50	1	0
##	3596	3596	38	14	104	90025	2	1.80	2	79
##	3597	3597	44	20	88	94720	1	4.70	1	0
##	3598	3598	56	26	51	92028	3	2.00	3	0
##	3599	3599	37	11	61	95120	3	0.90	2	0
##	3600	3600	45	19	23	93101	2	0.10	3	91
##	3601	3601	44	20	38	90018	2	2.10	3	95
##	3602	3602	37	13	75	94305	3	2.60	2	0
##	3603	3603	47	21	42	95841	4	0.10	1	0
##	3604	3604	51	25	45	92407	4	0.10	1	0
##	3605	3605	63	38	59	92612	3	0.50	2	0
##	3606	3606	61	31	130	92333	2	2.60	3	0
##	3607	3607	43	18	9	96145	2	0.00	3	96
##	3608	3608	41	15	62	90401	3	0.90	3	0
##	3609	3609	59	35	202	94025	1	4.70	1	553
##	3610	3610	29	5	162	94022	1	4.30	1	0
##	3611	3611	32	6	93	90029	3	1.60	1	79

##	3612	3612	64	39	145	92705	1	0.90	1	0
##	3613	3613	50	25	99	90245	1	4.60	1	368
##	3614	3614	35	11	148	92672	1	5.80	3	0
##	3615	3615	34	10	154	94583	3	5.40	2	0
##	3616	3616	58	34	149	95616	2	6.00	1	0
##	3617	3617	41	15	69	92507	1	1.50	3	78
##	3618	3618	37	11	30	94304	2	0.30	1	146
##	3619	3619	35	8	48	92697	2	1.00	2	0
##	3620	3620	45	20	42	94703	1	0.30	3	0
##	3621	3621	53	29	132	95020	2	0.30	1	403
##	3622	3622	53	27	81	91730	3	1.70	2	193
##	3623	3623	54	29	60	94901	4	3.80	2	0
##	3624	3624	28	3	45	91105	4	1.70	2	95
##	3625	3625	58	28	70	92028	1	1.40	3	0
##	3626	3626	47	21	71	92037	4	2.90	1	0
##	3627	3627	24	-3	28	90089	4	1.00	3	0
##	3628	3628	27	1	83	90034	2	0.20	1	0
##	3629	3629	42	18	131	94949	1	3.40	1	0
##	3630	3630	50	26	82	95051	1	0.00	1	0
##	3631	3631	41	16	79	95020	1	4.00	3	225
##	3632	3632	46	21	51	90089	4	1.90	3	0
##	3633	3633	46	20	111	95307	2	6.30	1	0
##	3634	3634	51	25	93	90048	1	0.30	1	0
##	3635	3635	59	35	73	90009	4	2.30	3	0
##	3636	3636	58	33	24	95616	2	0.50	2	0
##	3637	3637	37	11	64	96094	3	0.90	2	0
##	3638	3638	39	14	104	94608	3	1.00	1	242
##	3639	3639	47	22	38	92866	4	1.90	3	0
##	3640	3640	51	26	191	94063	1	8.10	1	0
##	3641	3641	64	34	53	95821	4	1.67	3	0
##	3642	3642	59	35	74	94402	4	2.30	3	0
##	3643	3643	55	29	21	92704	4	0.70	3	0
##	3644	3644	57	32	80	92606	3	1.60	3	144
##	3645	3645	59	33	41	91711	4	2.50	1	174
##	3646	3646	42	17	79	92103	1	3.70	3	0
##	3647	3647	34	9	141	92056	3	6.90	2	260
##	3648	3648	41	14	32	91605	3	1.00	2	0
##	3649	3649	43	13	38	95616	3	2.00	3	0
##	3650	3650	53	29	85	92691	3	1.80	2	0
##	3651	3651	47	21	93	91604	2	0.80	3	107
##	3652	3652	49	23	140	90504	1	1.90	3	0
##	3653	3653	35	9	69	94704	4	2.20	2	0
##	3654	3654	52	27	32	92521	2	2.00	2	0
##	3655	3655	53	28	61	94061	4	0.90	1	177
##	3656	3656	48	22	125	90086	1	2.40	1	0
##	3657	3657	35	8	30	95014	4	1.00	2	0
##	3658	3658	52	26	104	94025	2	2.40	2	0
##	3659	3659	60	35	24	92612	1	0.10	1	0
##	3660	3660	33	7	22	94002	1	0.40	2	0
##	3661	3661	38	12	59	93401	2	2.40	2	0
##	3662	3662	29	4	120	94553	1	4.10	2	0
##	3663	3663	35	9	164	94305	2	0.00	1	500
##	3664	3664	26	2	60	94111	4	1.60	1	0
##	3665	3665	48	24	43	91791	3	1.90	2	0

##	3666	3666	43	19	70	91711	3	2.33	1	0
##	3667	3667	60	35	51	94143	2	2.80	1	0
##	3668	3668	27	3	59	94590	4	1.60	1	0
##	3669	3669	38	13	129	92037	4	0.30	3	75
##	3670	3670	40	15	22	95616	2	1.40	2	0
##	3671	3671	38	14	29	94402	4	0.40	2	0
##	3672	3672	50	25	18	93106	1	0.40	3	0
##	3673	3673	38	13	65	91320	3	0.50	3	0
##	3674	3674	34	9	65	95134	4	1.30	1	0
##	3675	3675	42	16	38	93437	1	0.20	1	0
##	3676	3676	60	34	110	92126	2	2.00	1	0
##	3677	3677	62	37	22	95818	1	1.50	2	111
##	3678	3678	59	33	43	94234	2	0.30	1	0
##	3679	3679	49	25	30	92093	4	0.60	1	0
##	3680	3680	49	23	134	90095	2	6.30	1	0
##	3681	3681	36	11	32	90064	3	1.30	1	0
##	3682	3682	33	9	139	95054	1	4.30	1	0
##	3683	3683	43	17	45	95051	2	0.70	1	0
##	3684	3684	53	27	62	95070	3	3.00	2	0
##	3685	3685	57	31	51	92093	4	1.70	2	103
##	3686	3686	53	27	93	94588	1	0.80	3	313
##	3687	3687	60	35	122	92521	1	1.30	1	0
##	3688	3688	34	10	45	93943	1	1.33	1	0
##	3689	3689	51	26	179	90245	1	8.10	1	0
##	3690	3690	36	12	64	94708	3	2.80	1	205
##	3691	3691	63	39	41	95449	2	1.10	1	0
##	3692	3692	37	13	58	95211	2	0.60	3	0
##	3693	3693	57	33	64	94132	4	2.20	1	0
##	3694	3694	52	27	28	93117	3	1.70	2	0
##	3695	3695	38	8	21	92037	1	0.67	3	0
##	3696	3696	61	35	60	90272	1	2.80	2	0
##	3697	3697	31	5	78	94309	2	0.20	1	0
##	3698	3698	39	13	59	95616	3	0.50	3	0
##	3699	3699	38	12	59	96001	3	0.50	3	0
##	3700	3700	46	22	83	94501	4	1.40	2	0
##	3701	3701	48	22	128	94608	1	5.70	1	0
##	3702	3702	58	33	95	90503	1	2.60	1	0
##	3703	3703	50	25	160	93108	4	4.30	3	410
##	3704	3704	67	41	78	94301	4	2.40	3	0
##	3705	3705	36	11	184	91304	2	5.10	2	0
##	3706	3706	30	4	30	91770	3	1.00	1	0
##	3707	3707	58	33	51	94305	2	1.60	3	123
##	3708	3708	43	18	35	92647	1	0.60	3	0
##	3709	3709	31	1	74	92116	4	4.00	3	0
##	3710	3710	37	11	43	92521	4	1.20	2	0
##	3711	3711	49	22	23	90032	2	1.00	2	0
##	3712	3712	27	1	20	94720	4	0.40	1	99
##	3713	3713	50	25	112	92154	1	0.60	1	0
##	3714	3714	46	20	74	90064	3	0.70	2	0
##	3715	3715	49	23	65	94720	2	0.40	3	232
##	3716	3716	29	5	124	92037	2	0.20	1	0
##	3717	3717	55	29	65	91773	3	2.50	1	0
##	3718	3718	61	37	73	94550	3	2.00	3	285
##	3719	3719	45	19	8	92833	2	0.10	3	0

##	3720	3720	33	8	53	92126	3	2.30	1	76
##	3721	3721	63	39	131	92521	3	2.60	3	229
##	3722	3722	32	6	13	91040	4	0.30	1	0
##	3723	3723	42	17	60	93118	1	2.40	1	98
##	3724	3724	51	27	45	94022	1	1.60	2	82
##	3725	3725	44	20	39	93108	2	2.10	3	119
##	3726	3726	33	6	78	94305	4	2.00	2	0
##	3727	3727	39	13	43	94304	3	0.50	3	0
##	3728	3728	56	30	31	94117	2	0.30	1	109
##	3729	3729	28	3	118	91902	3	2.40	2	161
##	3730	3730	43	17	82	94040	3	0.10	1	0
##	3731	3731	30	6	112	92093	3	2.50	1	0
##	3732	3732	34	8	10	92867	1	0.40	2	0
##	3733	3733	26	1	18	92521	2	0.90	3	95
##	3734	3734	58	32	72	94105	3	0.30	2	0
##	3735	3735	43	19	72	95193	4	0.20	3	0
##	3736	3736	40	14	78	91103	1	5.20	1	0
##	3737	3737	54	30	78	96001	3	1.80	2	0
##	3738	3738	44	19	30	91423	1	0.50	3	0
##	3739	3739	54	28	45	95008	3	1.40	1	0
##	3740	3740	39	14	80	90502	2	0.40	1	0
##	3741	3741	59	35	174	92660	1	4.70	1	0
##	3742	3742	53	29	51	92152	2	3.20	3	0
##	3743	3743	32	8	181	94596	1	6.00	1	0
##	3744	3744	40	14	78	94720	4	1.40	2	194
##	3745	3745	54	29	79	90025	3	1.60	3	0
##	3746	3746	27	3	119	90640	1	5.40	1	118
##	3747	3747	63	39	49	93943	4	1.20	2	109
##	3748	3748	26	0	83	91360	3	3.90	2	0
##	3749	3749	33	7	100	94025	1	2.70	2	126
##	3750	3750	43	19	70	90095	3	2.33	1	0
##	3751	3751	57	32	52	90266	3	0.50	2	0
##	3752	3752	26	2	12	94591	4	1.00	1	0
##	3753	3753	55	30	82	93003	4	1.30	3	219
##	3754	3754	30	4	34	95351	2	0.30	2	0
##	3755	3755	63	37	112	93106	4	2.40	3	0
##	3756	3756	55	25	42	94115	3	1.00	3	0
##	3757	3757	35	11	83	92122	2	2.20	1	0
##	3758	3758	45	21	142	91101	1	1.40	2	0
##	3759	3759	47	23	199	94720	2	6.67	1	0
##	3760	3760	31	4	29	92093	4	1.50	2	121
##	3761	3761	56	26	70	91107	3	1.40	3	273
##	3762	3762	49	24	25	95831	2	0.70	3	0
##	3763	3763	53	27	84	95616	2	1.10	1	0
##	3764	3764	62	36	81	95051	3	4.40	1	0
##	3765	3765	63	37	15	94720	2	0.40	1	0
##	3766	3766	26	0	54	94706	3	0.30	3	0
##	3767	3767	59	35	108	90245	4	3.80	2	304
##	3768	3768	40	16	83	95819	4	2.67	1	0
##	3769	3769	42	16	62	94309	1	0.70	3	170
##	3770	3770	29	4	134	90095	2	3.30	1	204
##	3771	3771	40	16	75	94306	3	2.33	1	79
##	3772	3772	31	7	109	91711	2	2.00	2	341
##	3773	3773	35	10	152	94112	2	3.00	1	0

##	3774	3774	62	36	83	93940	4	2.40	3	0
##	3775	3775	51	26	52	92521	4	1.80	3	0
##	3776	3776	32	6	31	90275	2	2.00	3	0
##	3777	3777	27	3	135	93108	3	2.70	3	449
##	3778	3778	62	37	98	94706	1	0.90	1	151
##	3779	3779	66	41	14	95814	4	0.60	2	0
##	3780	3780	53	27	64	93407	4	2.60	1	0
##	3781	3781	49	25	109	92780	2	6.80	1	0
##	3782	3782	65	40	118	94104	1	1.30	1	333
##	3783	3783	30	5	80	91311	4	2.20	2	0
##	3784	3784	60	34	51	90028	3	1.40	3	0
##	3785	3785	30	6	115	94611	4	3.80	2	0
##	3786	3786	54	28	83	95841	1	2.40	1	0
##	3787	3787	54	28	90	91301	1	0.30	1	0
##	3788	3788	37	12	28	95616	4	1.70	1	0
##	3789	3789	32	7	82	95616	2	2.50	1	221
##	3790	3790	51	27	24	94301	3	0.40	1	0
##	3791	3791	46	22	71	92029	2	1.70	1	0
##	3792	3792	41	17	80	91330	1	0.30	1	0
##	3793	3793	62	36	109	92709	4	1.70	3	0
##	3794	3794	54	28	140	91711	1	2.90	1	0
##	3795	3795	52	27	39	92612	4	0.20	2	0
##	3796	3796	51	25	39	94010	1	1.20	2	98
##	3797	3797	24	-2	50	94920	3	2.40	2	0
##	3798	3798	61	35	31	92521	2	0.30	1	0
##	3799	3799	55	25	35	93943	3	1.00	3	144
##	3800	3800	37	11	44	93109	4	0.20	1	0
##	3801	3801	64	38	35	93955	1	0.50	3	0
##	3802	3802	34	8	20	95616	2	0.30	1	106
##	3803	3803	31	7	10	95616	4	0.70	2	0
##	3804	3804	42	18	83	96001	4	2.00	3	0
##	3805	3805	47	22	203	95842	2	8.80	1	0
##	3806	3806	29	5	84	93109	3	0.80	1	0
##	3807	3807	34	8	41	92096	4	0.80	1	0
##	3808	3808	36	11	164	95051	2	7.80	1	0
##	3809	3809	34	10	152	90089	2	6.50	1	0
##	3810	3810	26	2	62	94080	4	1.60	1	0
##	3811	3811	48	24	12	94707	4	1.00	1	89
##	3812	3812	47	23	28	94061	4	0.60	1	0
##	3813	3813	39	13	52	94720	1	2.00	1	0
##	3814	3814	62	37	19	91343	3	1.30	2	97
##	3815	3815	34	9	35	94304	3	1.30	1	0
##	3816	3816	43	19	28	95053	4	0.30	1	96
##	3817	3817	55	30	70	94904	3	2.00	2	0
##	3818	3818	65	40	140	92093	1	0.90	1	0
##	3819	3819	26	0	102	94305	4	2.30	3	0
##	3820	3820	57	27	50	93950	4	2.00	3	0
##	3821	3821	32	7	61	94102	3	2.30	1	205
##	3822	3822	35	9	188	92220	2	3.70	2	259
##	3823	3823	63	33	178	91768	4	9.00	3	0
##	3824	3824	49	25	44	94708	4	0.90	2	194
##	3825	3825	23	-1	12	95064	4	1.00	1	0
##	3826	3826	30	6	69	94305	4	3.40	1	188
##	3827	3827	43	19	132	90089	1	5.00	1	0



##	3828	3828	39	14	128	93943	2	3.90	1	196
##	3829	3829	31	6	44	95616	4	0.80	1	122
##	3830	3830	65	39	44	92038	1	0.50	3	0
##	3831	3831	34	8	34	92130	2	2.00	3	0
##	3832	3832	37	12	132	90089	2	3.90	1	0
##	3833	3833	62	38	158	90230	2	2.10	1	0
##	3834	3834	33	9	83	93943	1	0.10	1	0
##	3835	3835	48	22	28	94720	1	1.40	3	75
##	3836	3836	33	9	131	90065	3	2.20	3	0
##	3837	3837	45	19	31	95616	3	0.50	2	0
##	3838	3838	44	19	40	92350	4	0.00	2	0
##	3839	3839	37	11	71	94501	2	1.80	1	127
##	3840	3840	31	5	42	93010	2	2.00	3	0
##	3841	3841	56	31	35	95211	3	0.10	2	114
##	3842	3842	30	4	81	94305	2	0.20	1	0
##	3843	3843	61	35	91	95136	2	2.00	1	0
##	3844	3844	32	7	129	94720	4	5.20	2	0
##	3845	3845	51	27	75	95828	1	2.70	1	0
##	3846	3846	26	1	54	94061	4	0.60	2	230
##	3847	3847	31	5	43	94720	1	1.50	1	0
##	3848	3848	43	18	94	94110	4	1.10	2	0
##	3849	3849	57	32	84	93106	4	1.30	3	0
##	3850	3850	42	18	34	92653	1	2.00	2	0
##	3851	3851	48	23	15	94061	4	0.80	1	0
##	3852	3852	46	21	99	90277	2	3.80	3	194
##	3853	3853	33	7	15	92152	1	0.40	2	82
##	3854	3854	45	21	83	94105	4	2.00	3	0
##	3855	3855	31	6	83	94720	4	1.80	3	0
##	3856	3856	42	18	143	95630	1	1.70	1	0
##	3857	3857	56	30	81	90401	4	2.60	3	0
##	3858	3858	63	39	39	91711	1	1.90	2	0
##	3859	3859	42	18	158	92124	2	0.40	2	277
##	3860	3860	50	24	62	90245	1	1.40	3	0
##	3861	3861	31	6	64	92121	2	0.10	1	0
##	3862	3862	65	40	29	90025	1	1.50	2	0
##	3863	3863	60	34	64	94104	3	2.50	1	0
##	3864	3864	34	10	21	91770	4	0.70	2	0
##	3865	3865	62	32	142	95112	2	2.80	3	0
##	3866	3866	56	30	64	93105	3	2.50	1	0
##	3867	3867	51	25	40	91401	4	1.80	1	0
##	3868	3868	44	19	61	94080	3	2.70	2	0
##	3869	3869	41	16	44	92037	1	0.30	3	0
##	3870	3870	43	16	78	95670	3	2.67	2	161
##	3871	3871	25	0	25	94596	2	0.90	3	0
##	3872	3872	40	16	125	91304	2	1.90	1	0
##	3873	3873	53	29	63	94720	2	1.00	3	0
##	3874	3874	54	30	54	94550	1	1.60	3	185
##	3875	3875	36	12	92	94709	2	0.00	1	184
##	3876	3876	26	2	119	95351	2	0.60	1	381
##	3877	3877	35	11	40	91784	1	2.40	2	0
##	3878	3878	29	4	41	93105	1	1.00	1	0
##	3879	3879	35	11	81	92064	2	0.00	1	0
##	3880	3880	28	4	101	95136	3	2.50	1	270
##	3881	3881	48	24	25	90024	4	0.50	2	0

##	3882	3882	46	20	55	91016	1	1.50	2	0
##	3883	3883	31	7	43	92646	1	2.10	3	166
##	3884	3884	40	16	98	94534	2	1.80	2	98
##	3885	3885	27	1	112	91330	4	2.30	3	402
##	3886	3886	32	2	69	93943	4	4.00	3	102
##	3887	3887	67	43	79	95616	4	1.70	2	215
##	3888	3888	24	-2	118	92634	2	7.20	1	0
##	3889	3889	45	18	81	95133	3	2.67	2	251
##	3890	3890	26	0	19	93014	1	0.10	2	121
##	3891	3891	42	17	139	91101	2	2.90	3	0
##	3892	3892	65	40	63	94701	3	0.50	2	0
##	3893	3893	59	33	102	91763	2	1.40	1	0
##	3894	3894	30	5	40	92521	4	1.70	2	0
##	3895	3895	32	6	44	92886	1	0.30	1	81
##	3896	3896	36	12	59	94104	3	2.00	1	216
##	3897	3897	48	24	224	93940	2	6.67	1	0
##	3898	3898	56	31	64	90245	2	2.30	3	0
##	3899	3899	44	20	129	96001	2	3.30	1	0
##	3900	3900	60	34	43	92697	1	1.40	1	0
##	3901	3901	51	27	12	92834	3	0.40	1	0
##	3902	3902	34	10	53	94107	3	2.60	2	0
##	3903	3903	45	21	39	93305	2	2.10	3	0
##	3904	3904	47	23	65	93943	1	0.00	1	0
##	3905	3905	29	5	18	94122	1	0.40	3	94
##	3906	3906	52	28	55	94596	1	1.60	3	0
##	3907	3907	61	35	60	90245	1	2.50	3	0
##	3908	3908	40	14	42	91330	2	0.30	1	187
##	3909	3909	24	0	44	90638	3	0.10	2	0
##	3910	3910	33	7	111	90245	2	1.30	1	0
##	3911	3911	33	8	62	94596	1	1.00	1	0
##	3912	3912	52	26	44	94025	2	0.80	3	148
##	3913	3913	40	14	69	95348	1	1.50	3	0
##	3914	3914	45	20	62	92064	3	0.80	3	172
##	3915	3915	27	3	35	94080	1	1.80	2	0
##	3916	3916	38	13	91	92037	1	2.80	1	0
##	3917	3917	50	26	12	92121	1	0.20	1	96
##	3918	3918	41	15	89	94608	3	0.10	1	292
##	3919	3919	60	34	65	90024	4	1.70	2	0
##	3920	3920	64	34	179	90024	2	4.50	3	400
##	3921	3921	34	8	82	93106	2	1.50	3	0
##	3922	3922	30	6	48	95812	1	1.20	1	0
##	3923	3923	31	4	20	95616	4	1.50	2	0
##	3924	3924	41	15	91	90502	1	2.80	3	330
##	3925	3925	61	37	122	94609	2	6.00	1	0
##	3926	3926	42	18	22	90717	1	1.40	3	0
##	3927	3927	48	23	43	94301	2	1.30	1	0
##	3928	3928	59	34	38	90291	4	1.70	1	0
##	3929	3929	57	33	61	92115	3	2.67	1	0
##	3930	3930	37	13	33	91773	4	0.40	2	0
##	3931	3931	53	27	145	95605	1	2.90	1	345
##	3932	3932	53	27	170	95003	1	1.00	1	0
##	3933	3933	26	2	55	94305	3	0.70	2	0
##	3934	3934	39	14	40	91302	1	2.50	3	0
##	3935	3935	35	11	68	94923	2	0.00	1	126

##	3936	3936	59	33	53	90034	3	2.50	1	0
##	3937	3937	43	18	63	95616	3	0.80	3	0
##	3938	3938	39	15	123	91604	2	2.20	1	92
##	3939	3939	49	24	13	95929	2	0.00	1	0
##	3940	3940	47	23	12	92110	4	0.20	1	102
##	3941	3941	41	17	53	93727	2	2.50	1	102
##	3942	3942	57	33	79	94588	1	2.70	2	294
##	3943	3943	42	17	89	90095	1	0.10	2	170
##	3944	3944	61	36	188	91360	1	9.30	2	0
##	3945	3945	56	26	62	91320	3	1.40	3	0
##	3946	3946	29	3	123	92821	3	5.60	3	428
##	3947	3947	25	-1	40	93117	3	2.40	2	0
##	3948	3948	32	8	119	94710	4	5.00	3	0
##	3949	3949	37	12	123	94304	4	3.10	2	253
##	3950	3950	31	5	23	93407	1	0.40	2	0
##	3951	3951	38	14	62	94143	1	1.50	3	255
##	3952	3952	40	14	69	92870	3	2.10	1	106
##	3953	3953	61	36	124	94611	2	3.90	1	0
##	3954	3954	50	26	52	93555	4	0.10	3	0
##	3955	3955	32	7	134	93108	2	3.10	1	0
##	3956	3956	62	36	58	94501	1	0.80	2	0
##	3957	3957	62	37	45	90033	3	0.50	2	200
##	3958	3958	40	15	75	95449	4	1.10	2	0
##	3959	3959	59	34	23	90009	4	0.40	2	78
##	3960	3960	43	19	123	91107	3	1.30	1	0
##	3961	3961	62	37	48	92028	3	2.20	1	0
##	3962	3962	48	22	145	95482	1	0.30	1	140
##	3963	3963	29	5	31	93014	1	1.00	3	0
##	3964	3964	58	32	38	93106	3	2.20	3	0
##	3965	3965	43	18	78	94025	4	1.90	3	0
##	3966	3966	39	15	94	91941	2	1.90	1	0
##	3967	3967	33	7	84	95051	1	2.90	3	0
##	3968	3968	40	15	22	94306	1	0.60	3	0
##	3969	3969	28	3	78	93108	4	0.20	1	0
##	3970	3970	38	11	75	94305	3	2.33	2	0
##	3971	3971	65	40	71	95060	3	2.20	1	0
##	3972	3972	35	11	24	95616	1	0.50	3	0
##	3973	3973	29	5	112	94998	2	4.33	1	0
##	3974	3974	61	35	53	90064	1	2.80	2	167
##	3975	3975	46	21	41	94305	1	0.50	3	0
##	3976	3976	50	23	25	91330	1	0.50	2	0
##	3977	3977	60	33	42	90277	4	2.50	2	194
##	3978	3978	54	27	51	94309	3	1.00	2	113
##	3979	3979	43	18	19	92325	2	0.30	2	0
##	3980	3980	38	14	90	93010	2	0.00	1	258
##	3981	3981	46	22	89	92866	4	1.40	2	0
##	3982	3982	64	39	22	92691	3	0.50	1	0
##	3983	3983	24	0	119	94566	1	1.50	1	0
##	3984	3984	39	13	93	93555	4	3.60	3	0
##	3985	3985	34	8	18	95741	4	0.30	1	0
##	3986	3986	65	40	32	90095	1	1.10	3	120
##	3987	3987	38	14	182	92152	3	2.60	3	0
##	3988	3988	62	36	19	95833	2	0.20	3	0
##	3989	3989	59	35	85	91330	1	3.40	3	0

##	3990	3990	49	25	90	92709	4	1.40	2	0
##	3991	3991	57	32	59	95014	2	3.70	1	134
##	3992	3992	64	38	84	94571	1	2.00	1	0
##	3993	3993	47	22	95	93311	2	3.90	2	0
##	3994	3994	30	6	13	93555	3	0.90	3	0
##	3995	3995	42	18	88	92675	4	0.80	1	0
##	3996	3996	53	28	34	92697	2	0.60	3	0
##	3997	3997	50	24	11	94501	4	0.60	3	0
##	3998	3998	62	38	80	94545	4	1.70	2	0
##	3999	3999	34	10	41	94102	1	1.33	1	0
##	4000	4000	47	21	90	90245	2	0.80	3	0
##	4001	4001	62	37	93	93003	3	3.00	3	0
##	4002	4002	61	35	81	94709	4	1.90	2	0
##	4003	4003	59	34	60	94015	2	2.80	1	0
##	4004	4004	47	21	39	92612	3	0.60	2	0
##	4005	4005	65	39	22	92507	3	0.70	2	0
##	4006	4006	56	32	32	95827	2	0.80	1	79
##	4007	4007	56	32	28	92130	1	1.20	3	0
##	4008	4008	31	7	35	91745	2	1.00	2	0
##	4009	4009	61	31	154	94555	3	7.50	3	351
##	4010	4010	42	18	189	91605	2	7.60	1	0
##	4011	4011	44	19	40	94618	4	1.90	3	84
##	4012	4012	47	21	88	94304	2	1.70	2	0
##	4013	4013	30	6	124	91320	2	0.60	1	0
##	4014	4014	62	38	23	91304	2	0.30	3	0
##	4015	4015	56	32	23	94720	4	0.70	1	0
##	4016	4016	25	-1	139	93106	2	2.00	1	0
##	4017	4017	53	28	173	91614	4	2.70	1	427
##	4018	4018	26	0	42	92009	4	1.30	3	153
##	4019	4019	59	35	161	94301	1	2.90	1	160
##	4020	4020	62	36	28	95020	3	0.70	2	0
##	4021	4021	58	32	191	93943	4	5.20	3	194
##	4022	4022	40	14	42	90638	2	0.30	1	106
##	4023	4023	35	5	81	94234	4	4.00	3	0
##	4024	4024	51	25	175	90089	3	0.70	1	312
##	4025	4025	41	15	82	94720	3	0.10	1	0
##	4026	4026	51	27	53	94114	1	1.80	3	0
##	4027	4027	27	1	142	92038	3	5.50	1	0
##	4028	4028	46	21	42	93727	4	1.90	3	0
##	4029	4029	46	20	64	94117	4	2.90	1	189
##	4030	4030	31	5	90	94301	2	1.30	1	0
##	4031	4031	58	32	44	92354	1	0.80	2	0
##	4032	4032	42	18	29	91320	1	0.30	3	0
##	4033	4033	59	35	93	94301	2	1.60	1	0
##	4034	4034	54	24	69	93117	3	1.40	3	132
##	4035	4035	35	11	82	94022	2	1.70	2	0
##	4036	4036	34	9	180	93955	2	6.50	3	0
##	4037	4037	46	21	13	93117	2	0.70	3	0
##	4038	4038	52	28	72	91335	1	0.00	1	178
##	4039	4039	55	30	54	91367	3	1.70	1	0
##	4040	4040	34	9	104	92152	1	4.60	1	0
##	4041	4041	57	32	44	90266	2	1.90	2	157
##	4042	4042	45	19	40	95060	1	0.20	1	0
##	4043	4043	29	3	190	92612	2	4.50	1	246

##	4044	4044	49	23	64	94588	4	2.60	1	0
##	4045	4045	36	11	9	90266	2	0.30	2	99
##	4046	4046	57	31	38	94720	4	0.70	2	0
##	4047	4047	25	0	72	94303	3	2.60	3	0
##	4048	4048	43	17	82	94114	1	5.20	1	79
##	4049	4049	27	2	48	90049	2	1.60	3	119
##	4050	4050	54	28	82	94122	4	2.60	3	294
##	4051	4051	53	26	14	94590	2	1.00	2	83
##	4052	4052	55	29	162	93105	1	2.90	1	0
##	4053	4053	43	19	54	94608	2	1.70	1	0
##	4054	4054	35	11	90	94720	2	0.00	1	0
##	4055	4055	59	34	64	94116	4	1.70	1	0
##	4056	4056	42	18	65	93460	3	2.10	3	0
##	4057	4057	51	25	113	91320	2	6.30	1	0
##	4058	4058	57	32	38	90740	2	2.10	3	0
##	4059	4059	39	15	65	92037	1	1.50	3	0
##	4060	4060	53	27	39	91330	4	1.50	3	0
##	4061	4061	31	6	174	93023	2	6.70	1	0
##	4062	4062	33	3	59	91040	2	1.75	3	0
##	4063	4063	38	14	43	95053	2	1.70	1	0
##	4064	4064	47	21	24	94108	2	0.10	3	0
##	4065	4065	63	39	50	94402	1	0.00	2	166
##	4066	4066	44	19	68	94305	1	3.70	3	0
##	4067	4067	61	37	61	94122	3	2.00	3	0
##	4068	4068	52	28	21	94025	4	0.50	2	0
##	4069	4069	59	34	21	95035	2	0.50	2	0
##	4070	4070	56	32	31	94596	4	1.30	1	0
##	4071	4071	58	33	70	94720	4	0.70	1	0
##	4072	4072	30	6	25	94304	3	1.00	2	135
##	4073	4073	42	17	78	92521	1	1.00	3	0
##	4074	4074	51	27	19	92120	1	0.20	1	0
##	4075	4075	60	35	23	94608	1	0.30	3	0
##	4076	4076	30	4	40	90601	4	0.80	1	0
##	4077	4077	49	23	22	92220	1	0.30	3	0
##	4078	4078	26	0	71	92093	4	1.80	2	0
##	4079	4079	36	12	58	91320	1	3.60	2	0
##	4080	4080	65	40	75	90036	3	2.20	1	0
##	4081	4081	27	0	40	90068	1	2.00	2	110
##	4082	4082	60	35	155	92521	1	1.50	3	0
##	4083	4083	32	6	83	90036	4	2.20	2	0
##	4084	4084	46	20	99	94302	3	1.10	1	0
##	4085	4085	60	36	59	94124	1	0.00	2	0
##	4086	4086	28	2	53	94609	3	2.40	2	0
##	4087	4087	50	26	11	93106	4	0.20	1	0
##	4088	4088	52	28	179	94583	4	4.20	3	0
##	4089	4089	29	-1	71	94801	2	1.75	3	0
##	4090	4090	30	4	85	94234	4	2.10	3	0
##	4091	4091	42	18	49	92717	3	2.10	3	0
##	4092	4092	32	6	122	94025	2	1.30	1	0
##	4093	4093	40	15	171	94539	2	3.30	1	0
##	4094	4094	49	24	138	93111	2	2.20	2	0
##	4095	4095	53	23	8	95616	4	0.40	3	0
##	4096	4096	42	17	59	94105	4	0.40	1	0
##	4097	4097	38	14	49	90740	3	2.80	1	0

##	4098	4098	60	34	92	95670	2	2.00	1	0
##	4099	4099	27	3	75	90032	4	0.00	1	0
##	4100	4100	61	35	60	92831	1	2.80	2	0
##	4101	4101	27	2	41	90254	2	1.70	2	0
##	4102	4102	45	21	40	93460	3	0.60	2	0
##	4103	4103	41	16	81	94305	2	0.40	1	146
##	4104	4104	44	20	52	94143	1	0.80	3	196
##	4105	4105	38	14	25	95616	4	1.00	1	0
##	4106	4106	39	15	139	91801	1	3.40	1	353
##	4107	4107	48	22	54	93106	1	1.20	2	0
##	4108	4108	47	22	81	94123	1	2.90	1	0
##	4109	4109	64	39	73	94025	3	2.20	1	0
##	4110	4110	27	0	30	93107	4	1.00	3	0
##	4111	4111	66	41	59	95617	3	2.40	1	0
##	4112	4112	43	17	21	95351	3	1.50	1	0
##	4113	4113	34	9	65	95014	3	0.70	2	104
##	4114	4114	28	2	41	93118	3	1.10	2	161
##	4115	4115	52	28	52	92126	4	0.10	3	121
##	4116	4116	45	20	84	94131	4	1.10	2	180
##	4117	4117	24	-2	135	90065	2	7.20	1	0
##	4118	4118	39	14	18	92037	4	0.20	3	0
##	4119	4119	40	16	34	93561	1	0.70	1	0
##	4120	4120	30	5	85	92624	4	1.80	3	0
##	4121	4121	49	23	23	94080	1	1.40	3	0
##	4122	4122	53	27	65	91711	4	2.80	2	0
##	4123	4123	56	30	195	90089	1	2.90	1	0
##	4124	4124	50	24	40	93460	4	2.60	1	89
##	4125	4125	53	29	141	90064	2	0.20	3	0
##	4126	4126	60	34	95	94104	2	0.70	2	322
##	4127	4127	58	33	23	90095	3	1.30	2	131
##	4128	4128	43	19	82	95758	2	1.80	2	0
##	4129	4129	46	21	53	93555	4	1.90	3	0
##	4130	4130	29	3	10	91320	4	0.40	1	87
##	4131	4131	56	30	75	91910	1	1.90	2	125
##	4132	4132	48	23	23	94534	4	0.40	2	122
##	4133	4133	61	36	133	90266	1	2.60	1	0
##	4134	4134	41	17	129	94720	1	3.40	1	0
##	4135	4135	35	11	85	92154	4	0.10	2	131
##	4136	4136	48	23	168	95929	2	2.80	1	308
##	4137	4137	43	19	83	92691	4	2.00	3	0
##	4138	4138	37	12	52	93943	2	1.10	2	0
##	4139	4139	47	22	114	95819	1	0.60	1	0
##	4140	4140	29	3	81	95827	1	2.90	3	0
##	4141	4141	63	38	32	94015	1	1.50	2	0
##	4142	4142	43	19	63	94118	3	2.10	3	0
##	4143	4143	57	32	70	90024	3	1.60	3	0
##	4144	4144	55	31	20	94720	2	0.30	1	0
##	4145	4145	47	23	138	91367	2	3.30	1	0
##	4146	4146	58	34	63	94305	4	1.60	2	0
##	4147	4147	53	28	85	95814	1	1.30	3	118
##	4148	4148	59	35	180	96008	2	6.50	2	0
##	4149	4149	46	22	80	95747	4	2.00	3	0
##	4150	4150	41	15	53	93106	1	0.70	3	0
##	4151	4151	46	20	72	92009	2	1.70	2	75

##	4152	4152	44	18	123	95841	3	5.90	1	0
##	4153	4153	44	18	91	91361	2	0.80	3	0
##	4154	4154	50	26	148	94608	2	6.80	1	0
##	4155	4155	51	25	163	94305	2	1.30	3	0
##	4156	4156	55	30	28	90291	4	0.10	3	149
##	4157	4157	37	12	193	92780	1	8.60	1	0
##	4158	4158	34	10	22	94545	3	0.90	3	0
##	4159	4159	59	34	74	92780	4	0.70	1	0
##	4160	4160	45	20	70	94305	4	1.90	3	0
##	4161	4161	30	4	11	95054	1	0.10	2	0
##	4162	4162	32	8	61	94703	3	2.60	2	0
##	4163	4163	61	37	41	94704	1	0.80	1	0
##	4164	4164	54	28	108	94110	4	1.90	2	0
##	4165	4165	35	10	23	90058	4	1.10	3	0
##	4166	4166	63	38	135	91768	2	3.80	3	183
##	4167	4167	66	40	30	95133	2	0.70	3	86
##	4168	4168	48	24	144	94025	4	3.50	2	0
##	4169	4169	60	34	139	95020	4	0.40	1	0
##	4170	4170	41	17	143	90059	2	2.70	3	209
##	4171	4171	31	7	44	93561	1	1.20	1	0
##	4172	4172	58	31	49	94521	4	2.50	2	0
##	4173	4173	67	42	75	90041	4	0.10	2	182
##	4174	4174	35	9	43	93943	2	0.30	1	0
##	4175	4175	40	14	59	91335	3	0.50	3	0
##	4176	4176	42	17	154	93955	3	4.90	1	0
##	4177	4177	44	18	75	95131	1	0.70	3	0
##	4178	4178	47	23	75	93106	1	2.60	2	0
##	4179	4179	59	35	88	91311	2	1.60	1	278
##	4180	4180	29	3	91	94122	1	3.40	3	0
##	4181	4181	36	6	11	92008	1	0.67	3	0
##	4182	4182	47	22	22	90024	1	0.40	3	0
##	4183	4183	55	29	49	92691	2	0.80	3	220
##	4184	4184	41	17	140	94542	1	3.50	1	342
##	4185	4185	51	25	99	90277	2	2.40	2	0
##	4186	4186	26	2	82	91950	2	2.50	1	199
##	4187	4187	33	9	10	90005	4	1.00	1	81
##	4188	4188	30	5	109	94305	4	2.20	2	103
##	4189	4189	30	4	45	90041	4	1.30	3	0
##	4190	4190	45	19	93	91116	2	1.70	2	0
##	4191	4191	40	16	89	95814	3	3.90	2	216
##	4192	4192	42	15	39	91711	3	1.00	2	132
##	4193	4193	50	26	21	91768	1	0.20	1	89
##	4194	4194	62	37	31	95008	3	0.20	1	0
##	4195	4195	63	37	31	95819	1	0.50	3	0
##	4196	4196	43	19	52	95054	4	2.20	2	0
##	4197	4197	49	25	13	95814	1	0.90	3	0
##	4198	4198	51	25	21	90840	2	0.40	3	76
##	4199	4199	61	36	50	96003	4	1.70	1	189
##	4200	4200	43	19	81	90630	4	0.20	3	0
##	4201	4201	43	19	74	94035	4	1.90	1	0
##	4202	4202	61	36	89	93109	3	0.50	1	0
##	4203	4203	35	9	82	95064	3	0.90	2	0
##	4204	4204	59	33	88	93106	4	1.90	2	0
##	4205	4205	40	16	61	91711	3	2.10	3	0

##	4206	4206	61	36	139	95133	2	3.90	1	0
##	4207	4207	48	23	29	93711	1	1.30	2	0
##	4208	4208	37	11	51	93305	3	2.10	1	0
##	4209	4209	56	32	58	95064	1	1.80	3	241
##	4210	4210	35	9	21	91125	2	1.40	3	125
##	4211	4211	35	8	43	95819	2	1.67	2	0
##	4212	4212	40	16	104	94301	2	1.80	2	0
##	4213	4213	50	23	9	94109	1	0.50	2	98
##	4214	4214	49	25	39	91125	3	1.90	2	0
##	4215	4215	46	22	89	94303	1	2.70	1	0
##	4216	4216	64	40	21	94028	2	0.30	3	0
##	4217	4217	60	35	173	90059	3	3.10	3	0
##	4218	4218	45	21	29	95051	1	0.30	3	105
##	4219	4219	52	27	43	94005	4	0.20	2	0
##	4220	4220	58	34	30	90066	3	0.40	2	0
##	4221	4221	54	30	39	94806	4	0.10	3	0
##	4222	4222	48	22	83	90028	2	0.40	3	248
##	4223	4223	51	25	58	93106	3	0.70	2	223
##	4224	4224	53	26	8	94709	1	0.50	2	0
##	4225	4225	57	27	39	95929	3	1.00	3	0
##	4226	4226	43	18	204	91902	2	8.80	1	0
##	4227	4227	37	13	45	94591	1	1.80	1	0
##	4228	4228	32	7	111	90277	1	3.80	1	0
##	4229	4229	34	10	83	95060	2	2.00	2	148
##	4230	4230	54	24	83	94596	1	3.00	3	0
##	4231	4231	62	36	115	92093	2	2.80	1	202
##	4232	4232	56	32	60	93106	1	1.80	3	227
##	4233	4233	39	15	53	94116	1	1.80	1	0
##	4234	4234	32	7	134	95929	2	3.30	1	0
##	4235	4235	50	24	91	93555	1	0.80	3	0
##	4236	4236	27	1	91	92173	2	0.20	1	0
##	4237	4237	37	12	128	91342	2	3.90	1	0
##	4238	4238	60	34	78	90401	3	4.40	1	0
##	4239	4239	43	19	161	92093	2	7.60	1	464
##	4240	4240	62	36	60	92182	3	2.20	3	0
##	4241	4241	39	14	161	95064	1	4.10	1	509
##	4242	4242	34	9	40	95054	4	2.00	2	0
##	4243	4243	46	21	68	94720	1	0.20	2	0
##	4244	4244	46	22	74	94550	3	0.70	1	0
##	4245	4245	51	26	55	92121	3	2.00	2	93
##	4246	4246	44	20	145	90630	1	3.50	1	0
##	4247	4247	60	35	24	94920	1	1.50	2	0
##	4248	4248	65	39	10	90210	1	0.80	2	0
##	4249	4249	58	33	138	90720	2	3.90	1	0
##	4250	4250	37	12	63	91942	4	2.10	3	0
##	4251	4251	52	28	54	90041	4	0.10	3	0
##	4252	4252	42	16	62	95064	3	0.90	3	0
##	4253	4253	54	29	81	91107	1	0.10	3	0
##	4254	4254	54	28	61	90601	3	3.00	2	0
##	4255	4255	51	27	68	91711	1	1.60	3	0
##	4256	4256	59	35	78	90095	2	2.80	1	0
##	4257	4257	41	17	165	91311	2	7.60	1	157
##	4258	4258	43	17	48	95762	3	2.20	2	0
##	4259	4259	52	26	155	92660	3	7.20	2	0



##	4260	4260	52	26	158	94920	2	3.70	3	251
##	4261	4261	57	31	52	94105	1	1.40	1	0
##	4262	4262	53	28	18	92507	4	0.80	1	0
##	4263	4263	58	33	42	92093	4	1.70	1	0
##	4264	4264	59	33	18	94542	2	0.20	3	0
##	4265	4265	57	31	40	94304	2	0.30	1	0
##	4266	4266	27	2	44	93943	4	0.60	2	0
##	4267	4267	42	16	11	94015	1	0.20	1	87
##	4268	4268	52	26	194	91902	2	5.70	2	0
##	4269	4269	49	23	108	95616	2	2.40	2	0
##	4270	4270	47	23	12	92518	4	0.50	2	0
##	4271	4271	45	19	19	93117	3	1.50	1	94
##	4272	4272	25	1	150	92507	1	6.33	1	0
##	4273	4273	47	22	89	92647	4	1.90	3	0
##	4274	4274	44	19	83	95812	2	3.80	3	0
##	4275	4275	30	3	79	91380	4	2.00	2	0
##	4276	4276	63	38	102	95616	4	3.40	2	0
##	4277	4277	50	24	155	92717	1	7.30	1	0
##	4278	4278	40	16	138	92612	1	3.50	1	0
##	4279	4279	56	31	51	92028	3	1.70	1	0
##	4280	4280	39	15	80	94608	2	1.80	2	86
##	4281	4281	42	18	135	95136	2	3.30	1	0
##	4282	4282	28	1	34	94949	4	1.50	2	162
##	4283	4283	26	0	195	92093	3	6.33	3	0
##	4284	4284	58	32	62	91320	3	2.20	3	217
##	4285	4285	38	13	173	94305	2	3.30	1	243
##	4286	4286	23	-3	149	93555	2	7.20	1	0
##	4287	4287	53	29	20	93955	1	0.20	1	131
##	4288	4288	54	28	42	95207	4	2.50	1	0
##	4289	4289	42	17	28	94010	1	0.60	3	0
##	4290	4290	54	28	95	90254	1	1.90	2	0
##	4291	4291	66	42	95	94596	2	0.00	3	0
##	4292	4292	46	21	34	90034	1	0.10	1	124
##	4293	4293	63	37	191	94131	2	4.30	3	205
##	4294	4294	63	38	41	90034	2	1.50	1	173
##	4295	4295	58	34	150	92110	1	7.40	1	481
##	4296	4296	65	41	91	91360	2	0.00	3	146
##	4297	4297	35	9	84	94709	4	2.20	2	0
##	4298	4298	33	9	73	92110	4	3.40	1	140
##	4299	4299	43	19	122	93106	1	0.30	1	0
##	4300	4300	30	5	73	90065	1	2.60	2	133
##	4301	4301	61	37	20	95973	2	0.30	3	0
##	4302	4302	49	24	130	92677	4	1.10	1	281
##	4303	4303	52	27	85	92037	3	3.40	3	0
##	4304	4304	45	21	134	94550	2	3.30	1	0
##	4305	4305	64	39	98	95678	3	1.80	2	80
##	4306	4306	26	1	54	91709	2	1.60	3	0
##	4307	4307	35	11	41	92123	3	2.00	1	0
##	4308	4308	45	19	128	94928	4	6.00	3	0
##	4309	4309	44	20	132	94115	3	2.60	1	308
##	4310	4310	34	8	188	94025	1	2.90	3	0
##	4311	4311	65	41	170	94143	4	6.10	2	0
##	4312	4312	32	8	14	90034	3	0.90	3	111
##	4313	4313	41	15	93	95616	1	2.80	3	0

##	4314	4314	52	28	79	94596	1	2.70	2	0
##	4315	4315	35	9	79	94305	4	2.20	2	0
##	4316	4316	51	26	62	90024	4	1.80	3	119
##	4317	4317	30	6	95	91950	2	0.20	1	0
##	4318	4318	58	33	60	92672	4	1.30	3	0
##	4319	4319	49	23	75	92374	1	1.50	2	0
##	4320	4320	63	38	85	91320	4	0.10	2	0
##	4321	4321	40	15	143	94801	1	4.10	1	0
##	4322	4322	27	0	34	92717	1	2.00	2	112
##	4323	4323	38	14	44	91320	2	1.70	1	0
##	4324	4324	52	28	31	92008	4	0.90	2	151
##	4325	4325	49	24	13	94538	4	0.80	1	111
##	4326	4326	59	35	52	95616	4	1.50	1	0
##	4327	4327	32	8	42	95136	1	0.20	3	102
##	4328	4328	30	4	102	91775	4	2.10	3	139
##	4329	4329	64	38	143	95039	2	6.40	3	0
##	4330	4330	59	33	10	94063	4	0.70	3	0
##	4331	4331	62	37	44	90401	1	1.10	3	0
##	4332	4332	61	37	158	94720	2	6.00	1	306
##	4333	4333	53	26	12	92672	2	1.00	2	0
##	4334	4334	51	26	59	90095	1	1.20	1	139
##	4335	4335	55	29	92	92130	1	1.90	2	0
##	4336	4336	36	10	82	94542	2	2.80	1	0
##	4337	4337	44	19	44	90509	4	0.00	2	0
##	4338	4338	26	2	182	93010	2	3.20	2	0
##	4339	4339	54	30	121	92121	2	0.40	1	0
##	4340	4340	35	11	38	95518	1	1.70	1	0
##	4341	4341	34	10	92	90024	2	2.70	1	0
##	4342	4342	28	3	53	94305	2	1.60	3	0
##	4343	4343	32	7	45	93611	3	2.30	1	83
##	4344	4344	38	14	63	95422	1	3.60	2	0
##	4345	4345	53	28	181	95051	1	8.10	1	0
##	4346	4346	26	1	184	94608	2	4.20	3	577
##	4347	4347	45	21	33	94970	3	0.50	1	136
##	4348	4348	58	33	22	90024	3	0.20	1	0
##	4349	4349	59	33	99	92093	2	2.70	1	0
##	4350	4350	45	18	44	90089	3	1.00	2	193
##	4351	4351	64	39	101	95134	4	3.40	2	0
##	4352	4352	30	3	32	94132	1	2.00	2	0
##	4353	4353	40	16	59	94305	4	2.67	1	0
##	4354	4354	61	36	25	94015	2	0.50	2	0
##	4355	4355	40	16	140	93940	3	5.60	1	0
##	4356	4356	40	10	29	94720	1	0.75	3	0
##	4357	4357	43	19	35	90630	1	0.70	1	0
##	4358	4358	39	14	141	93302	4	6.30	1	0
##	4359	4359	35	11	75	92672	4	2.00	3	79
##	4360	4360	38	12	58	95054	2	2.80	1	0
##	4361	4361	67	43	41	90024	2	1.10	1	0
##	4362	4362	55	30	42	93940	2	2.00	2	196
##	4363	4363	28	2	55	93940	3	1.10	2	0
##	4364	4364	30	4	18	93711	4	0.30	2	84
##	4365	4365	59	35	75	92121	4	2.30	3	0
##	4366	4366	26	2	85	95020	2	2.50	1	0
##	4367	4367	52	28	43	90089	4	1.10	2	0

##	4368	4368	40	15	149	90250	2	3.90	1	319
##	4369	4369	31	7	25	93943	2	1.00	2	0
##	4370	4370	50	25	19	94005	4	0.40	2	103
##	4371	4371	27	3	18	93524	1	0.40	3	0
##	4372	4372	64	39	13	90024	4	0.60	2	0
##	4373	4373	34	10	41	91765	1	2.40	2	0
##	4374	4374	30	6	139	94501	1	4.30	1	0
##	4375	4375	39	15	62	93955	3	2.33	1	131
##	4376	4376	34	10	51	90032	3	2.00	1	130
##	4377	4377	40	15	71	93950	3	3.00	1	272
##	4378	4378	33	8	145	92507	1	2.70	3	0
##	4379	4379	38	12	45	91768	4	1.20	2	138
##	4380	4380	42	17	53	93023	4	1.90	3	0
##	4381	4381	37	13	64	94105	1	1.50	3	0
##	4382	4382	33	8	39	94542	4	0.80	1	0
##	4383	4383	60	34	38	92182	3	2.20	3	0
##	4384	4384	28	4	85	94709	3	2.50	1	0
##	4385	4385	45	20	61	92717	3	2.70	2	0
##	4386	4386	56	32	23	94610	1	1.20	3	127
##	4387	4387	53	27	122	94305	1	2.40	1	330
##	4388	4388	37	12	72	91380	4	0.70	3	0
##	4389	4389	47	21	123	90840	1	7.30	1	0
##	4390	4390	58	32	40	90057	1	1.60	1	0
##	4391	4391	52	26	62	95134	4	2.80	2	0
##	4392	4392	46	22	113	94105	2	3.30	1	0
##	4393	4393	52	27	81	92634	4	3.80	2	0
##	4394	4394	24	0	59	95521	4	1.60	1	0
##	4395	4395	57	31	25	94523	2	0.70	2	103
##	4396	4396	66	41	25	94720	4	0.60	2	0
##	4397	4397	30	5	14	95014	4	0.50	3	0
##	4398	4398	48	23	19	90058	1	0.10	1	0
##	4399	4399	63	37	61	91942	1	2.50	3	0
##	4400	4400	48	23	21	94904	1	0.10	1	0
##	4401	4401	34	10	44	94143	1	1.33	1	0
##	4402	4402	60	35	42	91902	3	1.50	1	0
##	4403	4403	55	25	52	90095	1	1.40	3	207
##	4404	4404	50	24	112	92064	1	0.00	1	0
##	4405	4405	29	5	34	94301	1	0.40	3	0
##	4406	4406	61	35	83	91320	2	1.70	3	245
##	4407	4407	50	25	24	95133	4	0.40	2	137
##	4408	4408	37	13	71	90755	2	1.70	2	0
##	4409	4409	64	40	181	93403	2	2.30	2	0
##	4410	4410	43	19	75	91765	4	0.20	3	102
##	4411	4411	39	14	153	91614	2	3.00	1	0
##	4412	4412	23	-2	75	90291	2	1.80	2	0
##	4413	4413	34	10	19	91711	4	0.40	2	0
##	4414	4414	29	2	31	91775	4	1.50	2	0
##	4415	4415	33	8	178	94720	3	8.50	1	0
##	4416	4416	60	35	65	90245	2	1.50	1	220
##	4417	4417	49	25	8	94720	1	0.30	1	97
##	4418	4418	54	28	92	92374	2	1.10	1	0
##	4419	4419	59	34	145	95125	4	1.80	1	198
##	4420	4420	42	17	85	93065	1	3.70	3	272
##	4421	4421	62	38	149	92130	1	4.70	1	0

##	4422	4422	63	38	9	94707	4	0.60	2	100
##	4423	4423	57	31	164	94607	2	3.80	3	422
##	4424	4424	61	36	40	95816	3	0.50	2	100
##	4425	4425	35	10	54	93943	1	2.50	3	0
##	4426	4426	26	0	164	95973	2	4.00	3	301
##	4427	4427	33	8	140	95814	1	4.60	1	0
##	4428	4428	31	7	18	91711	1	0.40	3	0
##	4429	4429	51	27	12	95818	4	1.00	1	0
##	4430	4430	55	29	140	94720	2	2.70	1	0
##	4431	4431	38	12	24	94588	2	0.80	3	0
##	4432	4432	38	12	60	92806	2	1.80	1	0
##	4433	4433	53	27	50	92660	2	0.80	3	0
##	4434	4434	62	38	44	92612	1	1.90	2	0
##	4435	4435	35	9	51	94596	4	2.20	2	110
##	4436	4436	46	21	34	90840	2	1.30	1	116
##	4437	4437	60	35	33	90095	2	0.50	2	0
##	4438	4438	63	38	63	92507	2	1.50	1	0
##	4439	4439	43	18	22	90025	2	0.00	3	0
##	4440	4440	33	7	104	94542	2	3.60	3	0
##	4441	4441	43	19	75	90041	3	0.30	3	0
##	4442	4442	62	36	75	92709	2	1.70	3	0
##	4443	4443	48	23	62	91367	4	3.60	3	83
##	4444	4444	38	14	48	90034	1	1.80	1	169
##	4445	4445	36	10	73	95035	2	2.80	1	0
##	4446	4446	49	25	135	90064	2	1.40	1	82
##	4447	4447	61	35	61	92177	3	2.20	3	117
##	4448	4448	49	22	78	95616	3	2.00	2	0
##	4449	4449	59	34	40	94102	3	0.90	3	0
##	4450	4450	30	6	44	95211	1	0.20	3	0
##	4451	4451	44	20	45	94111	2	2.50	1	0
##	4452	4452	67	41	18	92130	2	0.40	1	0
##	4453	4453	59	35	53	90035	4	2.30	3	174
##	4454	4454	37	11	11	94112	3	0.10	2	0
##	4455	4455	50	24	38	94143	3	0.60	2	0
##	4456	4456	56	31	28	94040	1	1.50	2	0
##	4457	4457	29	3	35	94040	2	0.30	1	88
##	4458	4458	55	29	81	92843	3	1.70	2	171
##	4459	4459	48	22	90	94590	2	0.80	3	205
##	4460	4460	32	8	115	90064	1	4.00	1	0
##	4461	4461	47	22	78	92093	1	0.20	2	0
##	4462	4462	46	21	30	94301	4	1.90	3	0
##	4463	4463	33	7	39	95630	4	0.80	1	0
##	4464	4464	39	13	69	94123	3	0.10	1	0
##	4465	4465	60	35	29	93943	3	0.20	1	79
##	4466	4466	39	15	54	94108	4	2.20	2	0
##	4467	4467	34	10	60	90071	3	2.80	1	0
##	4468	4468	55	30	99	91768	1	0.10	3	0
##	4469	4469	67	42	51	94117	3	2.20	1	0
##	4470	4470	40	14	53	94025	3	0.50	3	0
##	4471	4471	44	20	111	91911	2	5.30	2	0
##	4472	4472	56	30	79	94588	3	0.80	1	302
##	4473	4473	50	25	90	95616	1	2.80	2	0
##	4474	4474	31	5	18	92115	2	0.30	1	124
##	4475	4475	66	41	73	95817	3	2.40	1	0

##	4476	4476	43	18	59	95039	3	0.80	3	91
##	4477	4477	58	32	40	95833	2	0.30	1	0
##	4478	4478	33	9	41	92028	1	1.50	2	0
##	4479	4479	33	9	53	91380	1	2.10	3	0
##	4480	4480	32	8	128	93117	2	4.33	1	0
##	4481	4481	55	30	145	92037	2	6.00	3	0
##	4482	4482	25	-2	35	95045	4	1.00	3	0
##	4483	4483	40	14	28	90404	2	0.80	3	0
##	4484	4484	54	28	155	90095	1	1.00	1	256
##	4485	4485	36	11	195	95747	2	3.00	1	0
##	4486	4486	35	9	50	92182	4	2.20	2	0
##	4487	4487	44	19	48	92735	3	0.80	3	0
##	4488	4488	38	14	81	94583	1	3.60	2	0
##	4489	4489	30	4	50	91030	1	1.50	1	0
##	4490	4490	39	13	21	95518	3	0.20	2	0
##	4491	4491	35	9	142	90250	2	0.00	1	0
##	4492	4492	41	16	64	91604	4	0.40	1	0
##	4493	4493	56	26	91	94939	1	3.00	3	0
##	4494	4494	52	28	74	96064	1	2.60	2	0
##	4495	4495	29	4	182	95354	1	3.70	3	0
##	4496	4496	38	14	82	95616	4	2.67	1	0
##	4497	4497	51	25	45	95616	4	2.60	1	0
##	4498	4498	45	21	85	95136	2	3.20	1	0
##	4499	4499	51	26	133	90291	1	0.60	1	328
##	4500	4500	53	26	22	91304	1	0.50	2	0
##	4501	4501	50	26	24	94305	4	0.50	2	0
##	4502	4502	59	33	38	94132	3	2.20	3	178
##	4503	4503	57	32	80	92647	2	0.00	3	0
##	4504	4504	45	21	33	92374	3	0.50	1	108
##	4505	4505	27	1	41	93023	4	1.80	3	147
##	4506	4506	40	15	90	94063	4	1.10	2	0
##	4507	4507	39	13	89	92037	1	2.80	3	153
##	4508	4508	26	1	8	94550	2	0.90	3	0
##	4509	4509	27	2	85	94117	1	1.90	1	0
##	4510	4510	55	30	53	94550	3	1.70	1	0
##	4511	4511	64	39	20	93109	3	0.10	3	0
##	4512	4512	41	17	9	91911	1	1.00	1	0
##	4513	4513	46	22	25	95747	4	0.60	1	0
##	4514	4514	43	19	114	92325	1	1.70	1	0
##	4515	4515	24	-3	41	91768	4	1.00	3	0
##	4516	4516	29	3	49	94305	4	2.10	3	0
##	4517	4517	58	32	12	95929	4	0.70	3	0
##	4518	4518	45	18	50	91902	3	2.50	2	0
##	4519	4519	53	28	30	94609	4	0.20	2	0
##	4520	4520	45	21	32	92399	4	0.60	1	77
##	4521	4521	32	7	41	94706	4	2.00	2	0
##	4522	4522	56	31	25	95123	3	0.10	2	0
##	4523	4523	31	5	29	90630	1	0.30	1	0
##	4524	4524	29	4	50	94040	4	1.70	2	0
##	4525	4525	48	24	79	94542	3	0.70	1	0
##	4526	4526	36	11	110	94110	1	3.80	1	0
##	4527	4527	36	9	40	92518	2	1.67	2	129
##	4528	4528	41	16	18	90024	1	0.60	3	0
##	4529	4529	48	23	48	94086	1	0.30	1	0

##	4530	4530	27	0	40	92103	4	1.00	3	0
##	4531	4531	33	9	19	95370	2	1.00	2	92
##	4532	4532	31	7	35	94025	1	1.33	1	131
##	4533	4533	48	22	133	90073	2	3.10	2	0
##	4534	4534	59	34	19	95762	2	0.50	2	0
##	4535	4535	41	17	83	94025	4	2.67	1	0
##	4536	4536	42	18	39	96091	3	2.10	3	0
##	4537	4537	62	37	38	92354	3	0.50	2	0
##	4538	4538	62	36	63	95929	1	2.50	3	0
##	4539	4539	51	24	85	94305	3	2.00	2	0
##	4540	4540	48	24	14	94305	4	1.00	1	0
##	4541	4541	56	32	64	90210	4	1.50	1	0
##	4542	4542	62	38	124	95023	1	3.80	1	405
##	4543	4543	53	29	20	94131	1	0.20	1	0
##	4544	4544	62	38	33	95134	3	0.10	3	0
##	4545	4545	28	4	80	95819	3	2.50	1	0
##	4546	4546	61	35	35	90025	2	0.20	3	0
##	4547	4547	48	24	74	91109	3	0.70	1	0
##	4548	4548	50	25	32	94304	2	0.70	2	0
##	4549	4549	58	33	73	93109	4	0.70	1	241
##	4550	4550	53	29	41	94080	2	0.80	1	0
##	4551	4551	65	40	18	95621	1	1.50	2	0
##	4552	4552	27	0	28	91330	4	1.50	2	0
##	4553	4553	50	23	64	92037	1	2.67	2	0
##	4554	4554	50	25	44	92093	2	0.70	2	192
##	4555	4555	41	16	109	94801	3	1.00	1	0
##	4556	4556	43	19	71	95054	3	0.30	3	179
##	4557	4557	55	29	79	94608	2	1.10	1	0
##	4558	4558	33	9	30	95054	2	1.00	2	0
##	4559	4559	44	19	82	95521	2	0.40	1	0
##	4560	4560	47	20	101	91950	3	2.00	2	270
##	4561	4561	43	18	13	94709	2	0.10	2	0
##	4562	4562	59	33	59	91365	3	1.40	3	0
##	4563	4563	65	40	64	94928	2	1.50	1	0
##	4564	4564	28	2	188	92350	2	4.50	1	0
##	4565	4565	58	32	28	90095	2	0.30	1	148
##	4566	4566	33	8	120	92614	2	4.20	3	76
##	4567	4567	24	0	131	92831	1	5.40	1	0
##	4568	4568	46	20	19	94105	3	0.50	2	97
##	4569	4569	26	0	44	94305	4	1.30	3	0
##	4570	4570	47	21	49	92152	3	2.20	2	0
##	4571	4571	32	6	99	91902	2	4.50	3	249
##	4572	4572	58	28	95	94304	1	3.00	3	0
##	4573	4573	32	7	81	95112	4	1.80	3	0
##	4574	4574	46	20	73	95616	2	0.80	3	264
##	4575	4575	35	11	193	91765	2	6.50	1	0
##	4576	4576	53	27	115	90095	2	0.50	3	0
##	4577	4577	55	30	41	93003	2	0.60	3	0
##	4578	4578	63	37	80	90401	2	1.70	3	0
##	4579	4579	45	20	90	94143	4	1.10	2	0
##	4580	4580	58	32	41	94305	1	0.20	1	81
##	4581	4581	50	24	102	91103	2	6.30	1	0
##	4582	4582	37	13	59	94234	1	1.50	3	0
##	4583	4583	25	-1	69	92691	3	0.30	3	0

##	4584	4584	52	26	83	92521	1	3.10	1	0
##	4585	4585	26	0	49	90089	3	2.40	2	0
##	4586	4586	35	11	180	94010	1	3.60	3	571
##	4587	4587	58	32	61	91910	3	2.20	3	0
##	4588	4588	37	11	59	94720	4	0.20	3	0
##	4589	4589	35	10	85	95351	4	2.10	3	0
##	4590	4590	31	7	13	93727	1	0.50	3	0
##	4591	4591	58	34	151	94022	3	0.60	2	0
##	4592	4592	43	16	44	94577	3	1.00	2	0
##	4593	4593	43	18	53	92115	3	0.80	3	154
##	4594	4594	54	30	133	95747	1	5.00	2	0
##	4595	4595	53	27	31	91320	3	0.90	3	78
##	4596	4596	32	7	101	90232	4	2.20	2	0
##	4597	4597	37	13	61	95131	3	2.80	1	0
##	4598	4598	34	10	68	90095	3	2.60	2	0
##	4599	4599	51	26	21	94143	4	0.80	1	0
##	4600	4600	49	25	149	90024	2	0.40	1	0
##	4601	4601	54	24	75	93555	1	1.40	3	0
##	4602	4602	37	12	55	95630	1	2.50	3	0
##	4603	4603	57	32	81	94305	2	3.70	1	226
##	4604	4604	37	12	179	91768	1	8.60	1	0
##	4605	4605	32	7	81	90601	2	3.40	2	0
##	4606	4606	48	22	42	94611	1	1.20	2	0
##	4607	4607	44	20	199	94607	2	6.67	1	0
##	4608	4608	50	23	18	93117	1	0.50	2	0
##	4609	4609	44	19	28	91604	1	0.30	3	0
##	4610	4610	54	28	80	95006	4	2.60	3	143
##	4611	4611	37	13	79	91330	1	3.60	2	104
##	4612	4612	34	7	52	93940	2	1.00	2	0
##	4613	4613	32	6	18	92007	2	0.30	2	0
##	4614	4614	63	38	52	91361	4	1.70	1	218
##	4615	4615	56	30	15	92093	4	0.70	3	102
##	4616	4616	37	12	84	93943	4	0.70	3	0
##	4617	4617	66	41	114	92521	1	0.80	3	0
##	4618	4618	38	13	41	95521	3	0.50	3	0
##	4619	4619	35	9	29	95354	3	0.90	1	126
##	4620	4620	61	36	23	95521	1	0.10	1	96
##	4621	4621	52	26	84	94132	1	2.40	1	0
##	4622	4622	57	32	60	93407	3	1.70	1	0
##	4623	4623	47	20	13	94545	3	0.67	2	0
##	4624	4624	50	25	45	90813	2	0.60	3	0
##	4625	4625	36	11	83	90638	1	2.80	1	0
##	4626	4626	45	21	102	92037	4	4.70	2	81
##	4627	4627	58	34	58	90034	4	2.30	3	169
##	4628	4628	27	1	134	93106	1	1.70	2	307
##	4629	4629	27	1	130	94801	3	2.90	2	0
##	4630	4630	48	24	148	91311	2	3.30	1	0
##	4631	4631	46	21	92	92886	1	0.20	2	0
##	4632	4632	32	8	142	90095	4	6.20	2	120
##	4633	4633	54	29	62	94720	4	0.70	1	0
##	4634	4634	31	5	50	93106	1	1.50	1	0
##	4635	4635	42	17	29	94928	1	0.60	3	0
##	4636	4636	30	5	85	91910	2	2.50	1	293
##	4637	4637	41	16	78	95616	4	0.40	1	0

##	4638	4638	44	19	85	92054	4	1.90	3	0
##	4639	4639	37	13	89	91711	2	1.70	2	0
##	4640	4640	51	25	33	92866	3	0.90	3	0
##	4641	4641	30	6	42	90034	1	2.10	3	0
##	4642	4642	36	11	31	94022	4	1.70	1	124
##	4643	4643	65	40	143	95616	4	6.60	2	0
##	4644	4644	33	7	35	95616	4	0.80	1	0
##	4645	4645	58	34	22	94608	1	0.10	2	0
##	4646	4646	34	10	45	92038	1	1.70	1	84
##	4647	4647	38	13	119	94545	2	3.30	1	0
##	4648	4648	59	35	43	95616	4	1.30	1	0
##	4649	4649	37	11	75	94704	3	0.90	2	0
##	4650	4650	59	35	121	91423	1	4.30	1	0
##	4651	4651	47	23	63	95521	1	0.80	3	0
##	4652	4652	48	24	58	94005	2	1.70	1	0
##	4653	4653	38	12	184	91311	3	8.00	1	0
##	4654	4654	34	10	155	92780	2	6.50	1	0
##	4655	4655	44	17	69	90095	3	2.67	2	0
##	4656	4656	33	7	188	95054	2	7.00	2	581
##	4657	4657	47	21	38	91101	3	0.60	2	0
##	4658	4658	41	16	9	90089	2	0.30	2	0
##	4659	4659	36	11	69	95929	4	2.10	3	0
##	4660	4660	28	4	199	92121	1	6.33	1	0
##	4661	4661	59	35	38	92122	1	0.80	1	0
##	4662	4662	43	19	129	95039	1	5.00	1	0
##	4663	4663	56	31	59	94303	2	1.90	2	0
##	4664	4664	28	3	115	92407	1	1.90	1	200
##	4665	4665	62	37	83	93657	4	0.10	2	0
##	4666	4666	40	16	65	90095	2	3.20	1	0
##	4667	4667	34	9	72	94555	3	2.30	1	124
##	4668	4668	52	28	72	94720	1	1.60	3	0
##	4669	4669	40	14	63	94025	3	0.50	3	221
##	4670	4670	27	1	64	94501	4	1.80	2	0
##	4671	4671	52	26	194	94305	1	1.70	1	0
##	4672	4672	39	14	104	95035	1	4.00	3	0
##	4673	4673	52	26	180	95831	1	1.70	1	550
##	4674	4674	50	23	18	95503	2	1.00	2	88
##	4675	4675	40	14	93	93933	1	2.80	3	328
##	4676	4676	35	11	32	91360	1	1.33	1	137
##	4677	4677	39	13	68	91950	3	2.10	1	0
##	4678	4678	25	0	38	93407	2	1.60	3	0
##	4679	4679	33	7	115	93305	1	2.70	2	283
##	4680	4680	26	0	161	94551	2	7.20	1	0
##	4681	4681	46	21	154	90245	2	2.80	1	94
##	4682	4682	27	3	68	95503	4	0.00	1	0
##	4683	4683	55	25	44	92093	3	1.00	3	0
##	4684	4684	52	28	149	92121	2	0.40	1	0
##	4685	4685	59	34	103	91360	1	2.60	1	0
##	4686	4686	63	39	41	91355	4	1.30	2	0
##	4687	4687	61	35	113	91741	2	2.80	1	0
##	4688	4688	58	34	48	93460	4	1.30	2	0
##	4689	4689	29	3	69	92093	4	1.80	2	0
##	4690	4690	51	27	43	95053	4	1.10	2	164
##	4691	4691	59	34	19	92192	1	0.30	3	0



##	4692	4692	41	17	65	90024	3	2.10	3	0
##	4693	4693	59	35	32	92064	3	0.40	2	0
##	4694	4694	52	28	20	95616	1	0.30	1	0
##	4695	4695	39	13	25	94132	2	0.80	3	0
##	4696	4696	45	19	70	95605	1	2.80	1	0
##	4697	4697	59	35	70	92103	4	2.30	3	0
##	4698	4698	49	22	103	91330	3	2.00	2	167
##	4699	4699	48	22	162	94143	3	1.40	1	400
##	4700	4700	61	36	61	91320	2	2.80	1	153
##	4701	4701	31	7	170	95006	1	6.00	1	0
##	4702	4702	42	16	49	90034	1	2.80	1	0
##	4703	4703	35	5	108	90630	2	2.75	3	0
##	4704	4704	57	27	62	94025	3	2.00	3	0
##	4705	4705	54	28	102	91360	3	1.70	2	0
##	4706	4706	61	37	141	92677	3	0.70	1	0
##	4707	4707	60	36	8	92626	2	1.00	1	0
##	4708	4708	59	35	91	95008	2	1.60	1	0
##	4709	4709	62	37	10	92606	3	0.50	1	0
##	4710	4710	26	1	35	90089	2	1.70	2	119
##	4711	4711	41	17	71	92182	3	0.30	3	0
##	4712	4712	65	40	59	94022	3	2.40	1	0
##	4713	4713	25	0	14	94309	2	0.90	3	0
##	4714	4714	25	1	122	93022	2	0.20	1	0
##	4715	4715	27	3	81	90291	3	1.50	1	307
##	4716	4716	65	39	35	92009	1	0.50	3	150
##	4717	4717	60	34	83	95616	2	1.40	1	75
##	4718	4718	29	5	121	95449	1	1.50	1	0
##	4719	4719	32	6	35	91107	3	1.00	1	0
##	4720	4720	32	8	140	94102	4	6.60	3	0
##	4721	4721	41	15	88	90740	1	2.80	3	0
##	4722	4722	52	26	70	94117	2	1.10	1	0
##	4723	4723	40	16	63	92807	1	1.50	3	0
##	4724	4724	39	15	125	90250	1	3.50	1	0
##	4725	4725	34	8	21	94107	4	1.00	1	0
##	4726	4726	34	8	75	95814	2	1.80	1	0
##	4727	4727	34	10	38	95039	1	1.33	1	0
##	4728	4728	41	17	58	92009	4	2.67	1	0
##	4729	4729	59	35	31	90630	3	0.40	2	0
##	4730	4730	40	14	18	90049	4	1.50	3	0
##	4731	4731	52	27	29	94720	1	1.50	2	159
##	4732	4732	37	11	29	91711	2	1.40	3	0
##	4733	4733	39	13	69	92096	3	0.10	1	247
##	4734	4734	49	23	121	90032	1	4.90	1	0
##	4735	4735	63	39	64	95814	1	1.80	3	147
##	4736	4736	34	9	84	94707	4	2.20	2	323
##	4737	4737	51	25	65	94143	3	0.70	2	0
##	4738	4738	61	36	85	94998	3	1.80	2	0
##	4739	4739	56	32	44	94575	3	1.50	1	153
##	4740	4740	62	38	174	94305	1	4.70	1	0
##	4741	4741	56	30	178	93940	1	2.90	1	0
##	4742	4742	58	32	55	93106	4	2.50	1	0
##	4743	4743	58	33	25	92121	4	0.90	2	90
##	4744	4744	50	26	21	94305	1	0.20	1	0
##	4745	4745	44	20	72	95616	3	0.30	3	0

##	4746	4746	49	23	129	94085	1	0.30	1	0
##	4747	4747	31	7	18	95616	1	0.40	3	0
##	4748	4748	49	25	91	94704	4	1.40	2	0
##	4749	4749	43	18	38	94309	1	0.50	3	144
##	4750	4750	31	5	21	94115	3	1.00	1	0
##	4751	4751	66	41	38	95134	1	1.10	3	0
##	4752	4752	41	17	154	92697	1	1.70	1	0
##	4753	4753	39	14	178	92123	1	4.10	1	207
##	4754	4754	46	21	85	92867	1	0.20	2	0
##	4755	4755	57	33	93	94025	2	1.60	1	161
##	4756	4756	59	35	151	93106	2	6.00	1	0
##	4757	4757	30	4	78	92677	4	2.20	2	236
##	4758	4758	26	2	135	94588	1	1.50	1	0
##	4759	4759	46	21	40	90045	1	0.30	1	116
##	4760	4760	66	41	80	92093	4	0.10	2	0
##	4761	4761	50	25	18	95819	2	0.00	1	0
##	4762	4762	61	35	74	91320	2	0.70	2	0
##	4763	4763	37	7	94	91016	4	1.80	3	232
##	4764	4764	51	25	173	95051	1	0.50	2	0
##	4765	4765	56	32	88	95051	4	1.00	2	0
##	4766	4766	58	34	82	94025	1	4.30	1	263
##	4767	4767	41	15	54	91775	3	2.10	1	0
##	4768	4768	35	9	45	90639	3	0.90	1	101
##	4769	4769	38	14	39	93118	1	2.00	2	0
##	4770	4770	26	2	20	95064	4	1.00	1	116
##	4771	4771	35	5	93	90095	4	1.80	3	0
##	4772	4772	36	11	85	90502	3	1.20	3	0
##	4773	4773	26	2	95	92130	3	0.80	1	0
##	4774	4774	53	28	48	92029	2	1.90	2	0
##	4775	4775	56	32	22	91768	1	1.20	3	0
##	4776	4776	44	14	33	94063	1	0.75	3	171
##	4777	4777	47	23	40	95123	2	2.10	3	156
##	4778	4778	32	8	30	94534	4	0.40	2	78
##	4779	4779	52	27	22	90755	4	0.80	1	0
##	4780	4780	39	14	20	90747	1	0.60	3	0
##	4781	4781	47	20	49	92104	3	2.50	2	0
##	4782	4782	35	9	25	94526	3	0.10	2	0
##	4783	4783	26	0	150	91311	2	7.20	1	0
##	4784	4784	43	19	32	94720	4	0.30	1	0
##	4785	4785	52	28	9	90405	2	0.20	1	0
##	4786	4786	30	5	23	94304	2	0.90	3	0
##	4787	4787	36	12	18	95521	4	1.00	1	0
##	4788	4788	48	22	42	95054	3	0.60	2	121
##	4789	4789	36	10	39	92009	1	2.00	1	153
##	4790	4790	58	34	84	95120	4	1.60	2	0
##	4791	4791	35	11	101	94143	3	3.80	3	150
##	4792	4792	59	35	43	91791	4	0.40	1	0
##	4793	4793	36	10	28	90840	4	1.00	1	130
##	4794	4794	45	21	59	94703	2	2.50	1	155
##	4795	4795	56	30	29	94110	4	1.50	3	146
##	4796	4796	46	21	39	91710	2	1.30	1	101
##	4797	4797	26	0	42	95032	4	1.30	3	0
##	4798	4798	37	11	24	94115	4	1.00	1	0
##	4799	4799	44	20	62	91604	3	0.30	3	0

##	4800	4800	44	20	33	94306	4	0.30	1	142
##	4801	4801	33	7	73	94028	1	2.50	1	135
##	4802	4802	34	10	88	94404	2	0.00	1	121
##	4803	4803	35	11	58	91330	3	2.80	1	0
##	4804	4804	48	24	48	92064	2	2.10	3	0
##	4805	4805	58	32	40	94124	1	2.80	2	0
##	4806	4806	30	6	160	90630	1	4.30	1	249
##	4807	4807	62	37	39	93117	3	1.50	1	0
##	4808	4808	40	14	53	90064	1	2.00	1	0
##	4809	4809	42	16	32	90033	3	0.50	2	0
##	4810	4810	43	19	32	94501	3	0.60	2	0
##	4811	4811	58	34	11	92037	2	0.30	1	96
##	4812	4812	36	12	123	90502	2	3.00	3	0
##	4813	4813	29	4	184	92126	4	2.20	3	612
##	4814	4814	49	23	60	95023	3	0.70	2	142
##	4815	4815	60	34	41	90064	3	2.20	3	0
##	4816	4816	58	32	99	92697	2	1.40	1	0
##	4817	4817	50	24	83	92333	3	3.00	2	0
##	4818	4818	46	22	134	93305	2	3.30	1	0
##	4819	4819	45	19	85	94112	2	1.70	2	0
##	4820	4820	32	6	41	95833	3	0.90	1	179
##	4821	4821	42	17	44	94124	1	0.30	3	0
##	4822	4822	30	6	62	95831	1	0.10	1	0
##	4823	4823	60	36	149	92007	1	4.70	1	0
##	4824	4824	46	21	115	95616	2	4.20	3	0
##	4825	4825	32	6	25	96001	3	1.00	1	0
##	4826	4826	56	32	84	95014	2	1.60	1	0
##	4827	4827	56	31	81	93943	2	0.00	3	225
##	4828	4828	30	6	181	91203	1	4.30	1	230
##	4829	4829	52	28	62	90089	1	1.80	3	0
##	4830	4830	31	7	11	94304	1	0.50	3	80
##	4831	4831	37	12	60	95616	4	2.10	3	217
##	4832	4832	30	6	42	91711	1	2.10	3	144
##	4833	4833	29	4	83	91950	4	2.20	2	0
##	4834	4834	49	24	109	92647	1	0.60	1	0
##	4835	4835	49	23	70	94305	1	0.30	1	217
##	4836	4836	65	39	25	95370	2	0.40	1	113
##	4837	4837	54	24	72	93943	3	1.40	3	218
##	4838	4838	36	10	183	95348	2	0.00	1	0
##	4839	4839	56	30	44	91330	4	2.50	1	0
##	4840	4840	34	8	52	95060	4	0.20	1	0
##	4841	4841	33	9	18	91768	4	0.40	2	0
##	4842	4842	59	35	40	92870	4	0.40	1	135
##	4843	4843	49	23	174	95449	3	4.60	2	590
##	4844	4844	61	34	41	94123	4	2.50	2	0
##	4845	4845	31	6	81	90840	2	2.50	1	313
##	4846	4846	45	21	128	94305	1	4.70	1	0
##	4847	4847	35	10	135	94596	3	4.80	2	0
##	4848	4848	37	11	65	94143	2	2.40	2	260
##	4849	4849	58	32	145	94920	2	0.50	1	119
##	4850	4850	49	25	65	90007	2	1.00	3	0
##	4851	4851	63	39	119	91330	1	2.90	1	0
##	4852	4852	55	31	124	93407	2	0.30	1	0
##	4853	4853	38	12	33	94708	4	1.50	3	0

##	4854	4854	45	19	41	91109	1	0.20	1	0
##	4855	4855	44	20	105	91730	1	4.70	1	0
##	4856	4856	58	32	130	94720	2	2.70	1	0
##	4857	4857	56	31	80	92069	4	1.30	3	0
##	4858	4858	37	13	115	90025	1	0.80	2	0
##	4859	4859	50	24	62	94550	2	0.80	3	0
##	4860	4860	34	8	165	91107	1	7.00	3	541
##	4861	4861	51	25	34	93106	3	0.60	2	128
##	4862	4862	49	24	18	95616	1	0.40	3	121
##	4863	4863	33	7	44	95605	1	0.30	1	0
##	4864	4864	61	35	25	91768	1	0.80	2	142
##	4865	4865	41	16	52	91311	2	2.20	3	0
##	4866	4866	50	24	133	90025	4	1.40	2	342
##	4867	4867	41	17	71	94801	2	3.20	1	0
##	4868	4868	38	12	61	94598	4	0.20	3	0
##	4869	4869	51	27	62	94063	2	3.20	3	118
##	4870	4870	63	39	33	92121	3	0.10	3	0
##	4871	4871	55	30	28	94040	2	2.00	2	0
##	4872	4872	46	22	53	95616	4	1.90	1	187
##	4873	4873	27	3	69	94305	3	0.70	2	0
##	4874	4874	59	35	165	94309	2	6.00	1	0
##	4875	4875	26	0	75	94061	3	0.30	3	0
##	4876	4876	61	36	54	94539	3	1.50	1	0
##	4877	4877	44	19	142	95054	1	1.50	3	0
##	4878	4878	53	29	53	92648	4	0.10	3	0
##	4879	4879	34	9	41	92093	1	1.00	1	0
##	4880	4880	40	15	43	90095	4	1.70	1	98
##	4881	4881	56	32	79	92037	3	2.67	1	0
##	4882	4882	57	32	24	92346	2	0.20	3	140
##	4883	4883	43	19	73	94301	3	2.33	1	0
##	4884	4884	38	13	129	92646	3	4.10	3	0
##	4885	4885	60	34	50	95670	3	2.20	3	0
##	4886	4886	54	30	28	92103	2	0.80	1	0
##	4887	4887	51	26	64	94005	4	1.80	3	0
##	4888	4888	41	15	49	90245	3	0.90	3	0
##	4889	4889	25	1	121	93106	1	5.40	1	158
##	4890	4890	58	28	58	90073	3	2.00	3	0
##	4891	4891	61	35	51	93555	3	1.40	3	0
##	4892	4892	56	31	61	90024	4	0.90	1	0
##	4893	4893	43	19	35	94112	1	0.30	3	120
##	4894	4894	42	12	39	94704	3	2.00	3	0
##	4895	4895	48	22	74	93950	1	1.40	3	0
##	4896	4896	45	20	201	92120	2	2.80	1	0
##	4897	4897	40	15	81	94304	2	0.40	1	0
##	4898	4898	43	18	44	91345	1	2.40	1	0
##	4899	4899	52	26	19	94143	1	1.40	3	96
##	4900	4900	54	29	85	94928	4	1.30	3	299
##	4901	4901	26	1	74	90028	4	2.20	1	0
##	4902	4902	26	0	54	96094	3	1.10	2	0
##	4903	4903	33	8	58	90505	2	2.50	1	0
##	4904	4904	40	15	18	94534	2	0.10	2	119
##	4905	4905	64	40	88	94305	1	3.80	1	243
##	4906	4906	62	37	19	93109	3	0.50	1	89
##	4907	4907	54	28	49	94608	1	2.20	3	128

##	4908	4908	34	9	101	94080	3	0.60	2	0
##	4909	4909	40	16	138	92121	2	6.10	1	0
##	4910	4910	41	16	25	95014	2	0.10	2	0
##	4911	4911	48	22	120	90291	1	0.00	1	0
##	4912	4912	46	22	153	94539	2	7.50	1	0
##	4913	4913	51	26	28	94061	1	1.30	2	94
##	4914	4914	30	4	110	93943	1	2.90	3	0
##	4915	4915	65	39	94	92374	1	2.00	1	0
##	4916	4916	49	24	48	93117	1	1.30	2	0
##	4917	4917	29	5	123	90291	2	0.60	1	0
##	4918	4918	36	10	33	95616	4	1.20	2	82
##	4919	4919	50	25	42	90232	2	0.70	2	110
##	4920	4920	41	16	68	92122	3	3.00	1	0
##	4921	4921	42	16	28	94002	4	1.50	3	91
##	4922	4922	37	11	42	95814	3	0.50	3	0
##	4923	4923	31	5	28	90717	1	0.30	1	0
##	4924	4924	40	15	73	92029	3	3.00	1	0
##	4925	4925	36	12	89	91304	2	2.70	1	0
##	4926	4926	64	39	82	94025	4	3.40	2	0
##	4927	4927	37	13	83	92220	2	1.70	2	0
##	4928	4928	43	19	121	94720	1	0.70	2	0
##	4929	4929	57	33	28	90245	1	1.20	3	98
##	4930	4930	62	36	39	92028	2	0.30	1	0
##	4931	4931	63	38	110	90095	3	1.80	2	109
##	4932	4932	57	27	55	95616	1	1.40	3	0
##	4933	4933	59	35	111	91107	1	4.30	1	0
##	4934	4934	47	23	94	92029	1	4.70	1	0
##	4935	4935	26	0	85	93950	2	1.60	3	0
##	4936	4936	59	33	81	94022	2	1.40	1	0
##	4937	4937	45	20	94	92009	3	0.50	3	0
##	4938	4938	33	8	162	94960	1	8.60	1	0
##	4939	4939	61	35	80	95973	4	1.70	3	0
##	4940	4940	54	29	70	92093	3	2.00	2	116
##	4941	4941	46	22	19	92870	3	0.50	1	0
##	4942	4942	28	4	112	90049	2	1.60	2	0
##	4943	4943	52	26	109	94710	1	2.40	1	308
##	4944	4944	26	0	12	96003	1	0.10	2	0
##	4945	4945	49	24	33	92093	3	1.70	2	0
##	4946	4946	42	18	49	95351	2	1.70	1	106
##	4947	4947	51	26	42	93118	1	1.30	2	0
##	4948	4948	39	13	41	95064	2	0.30	1	108
##	4949	4949	44	20	43	95032	1	0.70	1	0
##	4950	4950	29	5	64	94114	4	0.00	1	249
##	4951	4951	47	23	19	90089	1	1.00	1	0
##	4952	4952	53	27	65	92124	1	2.20	3	0
##	4953	4953	29	3	53	94005	4	1.80	3	0
##	4954	4954	47	21	32	95051	3	1.50	1	75
##	4955	4955	45	19	22	94904	3	1.50	1	0
##	4956	4956	63	37	39	91207	2	0.70	3	0
##	4957	4957	39	13	59	94109	4	0.20	3	0
##	4958	4958	29	-1	50	95842	2	1.75	3	0
##	4959	4959	50	26	19	90095	1	0.90	3	0
##	4960	4960	51	27	55	93014	1	1.60	2	197
##	4961	4961	58	28	81	91604	1	3.00	3	0

##	4962	4962	39	14	108	91401	3	1.20	3	0
##	4963	4963	46	20	122	90065	3	3.00	3	0
##	4964	4964	32	6	98	95054	2	4.50	3	306
##	4965	4965	53	27	110	90245	1	4.90	1	0
##	4966	4966	29	5	33	94709	1	1.80	2	78
##	4967	4967	41	17	34	91361	1	0.70	1	143
##	4968	4968	41	16	69	92697	1	0.10	2	0
##	4969	4969	58	32	41	93022	4	2.50	1	0
##	4970	4970	45	19	60	94143	2	0.40	3	250
##	4971	4971	37	13	95	95821	2	1.70	2	0
##	4972	4972	58	28	73	90024	1	1.40	3	0
##	4973	4973	58	32	41	93401	3	2.20	3	148
##	4974	4974	31	1	68	95045	4	4.00	3	0
##	4975	4975	59	33	64	92867	4	1.70	2	0
##	4976	4976	38	11	29	95207	4	1.00	2	0
##	4977	4977	29	5	31	95039	1	1.80	2	0
##	4978	4978	40	15	54	90266	3	0.80	3	0
##	4979	4979	57	27	63	90210	4	2.00	3	0
##	4980	4980	50	26	92	90740	1	2.60	2	213
##	4981	4981	29	5	135	95762	3	5.30	1	0
##	4982	4982	34	9	195	90266	2	3.00	1	122
##	4983	4983	36	10	45	95126	4	0.20	1	0
##	4984	4984	51	26	72	95370	1	2.90	1	0
##	4985	4985	27	1	98	94043	4	2.30	3	0
##	4986	4986	48	23	30	94720	3	1.70	2	162
##	4987	4987	32	6	78	95825	1	2.90	3	0
##	4988	4988	48	23	43	93943	3	1.70	2	159
##	4989	4989	34	8	85	95134	1	2.50	1	136
##	4990	4990	24	0	38	93555	1	1.00	3	0
##	4991	4991	55	25	58	95023	4	2.00	3	219
##	4992	4992	51	25	92	91330	1	1.90	2	100
##	4993	4993	30	5	13	90037	4	0.50	3	0
##	4994	4994	45	21	218	91801	2	6.67	1	0
##	4995	4995	64	40	75	94588	3	2.00	3	0
##	4996	4996	29	3	40	92697	1	1.90	3	0
##	4997	4997	30	4	15	92037	4	0.40	1	85
##	4998	4998	63	39	24	93023	2	0.30	3	0
##	4999	4999	65	40	49	90034	3	0.50	2	0
##	5000	5000	28	4	83	92612	3	0.80	1	0

##	Personal.Loan	Securities.Account	CD.Account	Online	CreditCard
## 1	0	1	0	0	0
## 2	0	1	0	0	0
## 3	0	0	0	0	0
## 4	0	0	0	0	0
## 5	0	0	0	0	1
## 6	0	0	0	1	0
## 7	0	0	0	1	0
## 8	0	0	0	0	1
## 9	0	0	0	1	0
## 10	1	0	0	0	0
## 11	0	0	0	0	0
## 12	0	0	0	1	0
## 13	0	1	0	0	0
## 14	0	0	0	1	0

## 15	0	1	0	0	0
## 16	0	0	0	1	1
## 17	1	0	0	0	0
## 18	0	0	0	0	0
## 19	1	0	0	0	0
## 20	0	1	0	0	1
## 21	0	0	0	1	0
## 22	0	0	0	1	0
## 23	0	0	0	1	0
## 24	0	1	0	0	0
## 25	0	0	0	0	1
## 26	0	0	0	1	0
## 27	0	0	0	0	0
## 28	0	0	0	1	1
## 29	0	0	0	1	1
## 30	1	0	1	1	1
## 31	0	0	0	1	0
## 32	0	0	0	1	0
## 33	0	0	0	0	0
## 34	0	0	0	0	0
## 35	0	0	0	1	0
## 36	0	0	0	0	0
## 37	0	0	0	0	1
## 38	0	0	0	0	0
## 39	1	1	1	1	0
## 40	0	0	0	1	0
## 41	0	1	0	0	0
## 42	0	0	0	0	0
## 43	1	0	0	1	0
## 44	0	0	0	1	0
## 45	0	0	0	1	1
## 46	0	0	0	0	1
## 47	0	0	0	1	0
## 48	1	1	1	1	1
## 49	0	0	0	0	1
## 50	0	0	0	0	1
## 51	0	1	0	1	0
## 52	0	0	0	1	0
## 53	0	0	0	0	0
## 54	1	0	0	1	0
## 55	0	0	0	1	0
## 56	0	0	0	1	0
## 57	0	1	1	1	0
## 58	1	0	0	0	0
## 59	0	0	0	0	0
## 60	0	0	0	0	0
## 61	0	1	0	1	0
## 62	0	1	0	0	0
## 63	0	0	0	0	0
## 64	0	0	0	1	0
## 65	0	0	0	0	0
## 66	0	0	0	1	1
## 67	0	0	0	0	0
## 68	0	1	0	0	0

## 69	0	0	0	1	1
## 70	0	0	0	1	0
## 71	0	0	0	0	1
## 72	0	0	0	1	0
## 73	0	0	0	0	1
## 74	0	0	0	1	1
## 75	0	0	0	0	1
## 76	1	0	1	1	1
## 77	0	0	0	0	0
## 78	0	0	0	0	0
## 79	1	0	0	0	0
## 80	0	0	0	1	0
## 81	0	0	0	1	1
## 82	0	0	0	1	0
## 83	0	0	0	1	0
## 84	0	0	0	0	0
## 85	0	0	0	1	0
## 86	0	0	0	0	0
## 87	0	0	0	0	0
## 88	0	0	0	1	0
## 89	0	0	0	1	0
## 90	0	0	0	0	1
## 91	1	0	0	1	0
## 92	0	0	0	1	0
## 93	0	0	0	0	0
## 94	0	1	0	1	0
## 95	0	0	0	0	0
## 96	0	0	0	1	0
## 97	0	0	0	0	0
## 98	0	0	0	1	0
## 99	0	0	0	1	0
## 100	0	0	0	1	0
## 101	0	0	0	1	0
## 102	0	0	0	0	0
## 103	0	0	0	1	1
## 104	0	0	0	1	0
## 105	0	0	0	1	1
## 106	0	1	0	1	0
## 107	0	0	0	1	1
## 108	0	0	0	0	0
## 109	0	0	0	1	0
## 110	0	0	0	1	0
## 111	0	0	0	0	0
## 112	0	0	0	1	0
## 113	0	0	0	0	0
## 114	0	0	0	0	0
## 115	0	0	0	1	0
## 116	0	0	0	1	0
## 117	0	0	0	1	0
## 118	0	0	0	1	0
## 119	0	0	0	1	0
## 120	0	0	0	0	0
## 121	0	0	0	1	0
## 122	0	0	0	1	0



## 123	0	0	0	1	1
## 124	0	1	0	0	0
## 125	0	0	0	1	0
## 126	0	0	0	1	0
## 127	0	0	0	1	1
## 128	0	0	0	1	0
## 129	0	1	0	1	0
## 130	0	0	0	0	1
## 131	0	0	0	1	0
## 132	1	0	1	1	1
## 133	0	0	0	0	0
## 134	0	0	0	1	0
## 135	0	0	0	0	0
## 136	0	0	0	1	1
## 137	0	0	0	1	0
## 138	0	0	0	0	0
## 139	0	1	1	0	1
## 140	0	0	0	1	0
## 141	0	0	0	1	1
## 142	0	0	0	1	1
## 143	0	0	0	0	1
## 144	0	0	0	1	1
## 145	0	0	0	0	0
## 146	0	0	0	0	1
## 147	0	0	0	1	1
## 148	0	0	0	1	0
## 149	0	0	0	1	0
## 150	0	0	0	0	0
## 151	0	0	1	1	1
## 152	1	0	0	0	1
## 153	0	0	0	1	1
## 154	0	1	1	1	1
## 155	0	0	0	0	0
## 156	0	0	0	1	0
## 157	0	0	0	0	1
## 158	0	0	0	1	1
## 159	0	0	0	1	1
## 160	0	1	0	1	0
## 161	1	0	0	0	0
## 162	0	0	0	1	0
## 163	0	0	0	0	0
## 164	0	0	0	1	0
## 165	0	1	0	0	0
## 166	0	0	0	1	0
## 167	0	0	0	0	0
## 168	0	0	0	1	1
## 169	0	0	0	1	0
## 170	0	0	0	0	1
## 171	0	0	0	1	0
## 172	0	1	0	0	0
## 173	0	0	0	1	0
## 174	0	0	0	1	1
## 175	1	0	0	1	0
## 176	0	1	0	1	0

## 177	0	0	0	1	0
## 178	0	0	0	0	0
## 179	0	0	0	1	1
## 180	0	0	0	1	0
## 181	0	0	0	1	0
## 182	0	0	0	0	0
## 183	0	0	0	1	0
## 184	1	0	0	1	0
## 185	0	1	0	1	0
## 186	0	0	0	1	0
## 187	0	0	0	1	1
## 188	1	0	0	1	0
## 189	0	0	0	1	0
## 190	0	0	0	1	0
## 191	0	0	0	1	0
## 192	0	0	0	0	0
## 193	0	0	0	1	0
## 194	0	0	0	1	1
## 195	0	0	0	1	0
## 196	0	1	0	1	0
## 197	0	0	0	0	1
## 198	0	0	0	1	0
## 199	0	1	0	1	0
## 200	1	0	1	1	1
## 201	0	0	0	1	1
## 202	0	0	0	1	1
## 203	0	0	0	1	0
## 204	0	0	0	1	0
## 205	0	0	0	0	0
## 206	0	0	0	0	1
## 207	0	1	0	1	0
## 208	0	0	0	0	0
## 209	0	0	0	1	1
## 210	1	0	1	1	1
## 211	0	0	0	0	0
## 212	0	0	0	0	0
## 213	0	0	0	0	0
## 214	0	0	0	1	0
## 215	0	0	0	0	0
## 216	0	0	0	1	1
## 217	0	0	0	0	0
## 218	0	0	0	0	0
## 219	0	0	0	1	0
## 220	0	0	0	1	1
## 221	0	0	0	0	1
## 222	0	0	0	1	0
## 223	0	0	0	0	0
## 224	0	0	0	1	0
## 225	0	0	0	0	0
## 226	0	0	0	0	1
## 227	0	0	0	0	0
## 228	0	0	1	1	1
## 229	0	1	1	0	1
## 230	0	0	0	0	1

## 231	0	0	0	1	0
## 232	0	0	0	1	0
## 233	0	0	0	0	0
## 234	0	0	0	1	0
## 235	0	0	0	0	0
## 236	0	0	0	1	0
## 237	0	0	0	1	1
## 238	0	0	0	1	0
## 239	0	0	0	1	1
## 240	0	0	0	0	0
## 241	0	0	0	0	0
## 242	0	0	0	0	1
## 243	0	0	0	0	0
## 244	1	0	1	1	0
## 245	0	0	0	1	0
## 246	0	0	0	0	0
## 247	0	0	0	1	1
## 248	1	1	1	1	0
## 249	0	0	0	1	1
## 250	0	0	0	0	1
## 251	0	0	0	0	0
## 252	1	0	0	1	0
## 253	0	0	0	0	1
## 254	0	0	0	0	0
## 255	1	0	0	1	0
## 256	0	0	0	0	1
## 257	0	0	0	0	1
## 258	0	0	0	0	1
## 259	0	0	0	1	0
## 260	0	0	0	1	0
## 261	0	0	0	0	1
## 262	1	0	0	1	0
## 263	0	0	1	1	1
## 264	0	0	0	1	1
## 265	0	0	0	0	0
## 266	0	1	0	0	0
## 267	0	0	0	1	0
## 268	0	0	0	0	0
## 269	0	0	0	1	0
## 270	0	0	0	0	0
## 271	0	0	0	1	0
## 272	0	0	0	1	0
## 273	0	0	0	1	1
## 274	0	0	0	1	0
## 275	0	1	0	0	1
## 276	0	1	0	0	0
## 277	0	0	0	1	0
## 278	0	0	0	0	0
## 279	0	0	0	1	0
## 280	0	0	0	1	0
## 281	0	0	0	1	0
## 282	0	0	0	0	1
## 283	0	0	0	1	0
## 284	0	1	0	1	0

## 285	0	0	0	1	0
## 286	0	0	0	0	0
## 287	0	0	0	1	0
## 288	0	0	0	0	1
## 289	1	1	1	1	0
## 290	0	0	0	1	1
## 291	0	0	0	0	0
## 292	0	0	0	1	0
## 293	0	0	0	1	1
## 294	0	0	0	0	0
## 295	0	0	0	1	0
## 296	0	0	0	0	1
## 297	0	0	0	1	0
## 298	0	0	0	1	0
## 299	0	0	0	0	0
## 300	1	0	1	1	0
## 301	0	1	0	0	0
## 302	0	0	0	0	0
## 303	0	0	0	1	0
## 304	1	0	0	0	0
## 305	0	0	0	0	0
## 306	0	0	0	1	0
## 307	0	0	0	1	1
## 308	0	0	0	1	0
## 309	0	0	1	1	1
## 310	0	1	0	1	0
## 311	0	0	0	1	1
## 312	0	0	0	1	0
## 313	0	1	0	1	0
## 314	0	0	0	0	1
## 315	0	0	0	1	0
## 316	0	0	0	1	0
## 317	1	0	0	1	0
## 318	1	0	0	1	0
## 319	0	0	0	1	0
## 320	0	0	0	0	1
## 321	0	0	0	0	0
## 322	1	0	0	0	0
## 323	1	1	1	1	0
## 324	1	0	0	0	0
## 325	1	0	0	0	0
## 326	0	0	0	1	1
## 327	0	0	1	1	1
## 328	0	0	0	1	0
## 329	0	0	0	1	1
## 330	0	0	0	1	0
## 331	0	0	0	1	0
## 332	0	0	0	0	0
## 333	0	0	0	1	0
## 334	0	0	0	0	0
## 335	0	0	0	1	0
## 336	0	0	1	1	1
## 337	0	0	0	1	0
## 338	0	0	0	1	0

## 339	0	0	0	0	0
## 340	0	0	0	0	0
## 341	0	0	0	1	1
## 342	0	0	0	1	0
## 343	0	0	0	0	1
## 344	0	0	0	0	0
## 345	0	0	0	1	1
## 346	0	1	0	1	0
## 347	0	0	0	1	0
## 348	0	1	1	1	1
## 349	1	0	1	1	1
## 350	1	0	0	0	0
## 351	0	1	0	1	0
## 352	1	0	0	1	0
## 353	0	0	0	0	1
## 354	0	0	0	1	0
## 355	0	0	0	1	0
## 356	0	0	0	0	1
## 357	0	0	0	0	0
## 358	0	0	0	1	0
## 359	0	0	0	1	0
## 360	0	0	0	1	0
## 361	0	0	0	0	0
## 362	0	0	0	1	0
## 363	0	0	0	0	1
## 364	0	0	0	0	0
## 365	0	0	0	0	1
## 366	1	0	0	1	0
## 367	0	0	0	1	0
## 368	0	0	0	1	0
## 369	0	0	0	1	0
## 370	0	0	0	0	1
## 371	0	0	0	0	0
## 372	0	0	0	0	0
## 373	0	0	0	1	0
## 374	0	0	0	1	1
## 375	0	0	0	1	0
## 376	0	0	0	1	0
## 377	0	0	0	0	0
## 378	0	0	0	1	0
## 379	0	0	0	0	0
## 380	0	0	0	0	0
## 381	0	0	0	1	1
## 382	0	0	0	1	1
## 383	1	0	0	0	1
## 384	0	0	0	1	0
## 385	0	0	0	1	1
## 386	0	0	0	1	0
## 387	0	0	0	1	0
## 388	0	0	0	1	0
## 389	1	0	0	0	0
## 390	0	0	0	1	1
## 391	0	0	0	1	0
## 392	0	0	0	0	1

## 393	0	0	0	1	0
## 394	0	1	1	1	1
## 395	0	0	0	1	1
## 396	0	0	0	0	0
## 397	0	0	0	0	0
## 398	0	0	0	1	0
## 399	0	0	0	0	0
## 400	0	0	0	1	1
## 401	1	0	0	1	0
## 402	0	0	0	0	1
## 403	0	0	1	1	1
## 404	0	0	0	0	0
## 405	0	0	0	0	0
## 406	0	1	1	1	1
## 407	0	0	0	0	0
## 408	0	0	0	1	0
## 409	0	0	0	1	0
## 410	0	0	0	1	0
## 411	0	0	0	1	1
## 412	0	1	0	0	0
## 413	0	0	0	1	0
## 414	0	0	0	1	0
## 415	0	0	0	0	1
## 416	0	0	0	1	0
## 417	0	0	0	1	0
## 418	0	0	0	1	0
## 419	0	0	0	0	0
## 420	0	0	0	0	1
## 421	0	0	0	1	1
## 422	1	0	0	0	0
## 423	0	1	1	1	0
## 424	0	0	0	0	0
## 425	0	0	0	0	0
## 426	0	0	0	1	0
## 427	0	0	0	0	1
## 428	0	0	0	0	1
## 429	0	0	0	0	1
## 430	0	0	0	1	0
## 431	0	0	0	1	0
## 432	0	0	0	1	0
## 433	0	0	0	1	0
## 434	0	0	0	1	1
## 435	0	0	0	1	0
## 436	0	0	0	0	0
## 437	0	0	0	1	0
## 438	0	1	0	1	0
## 439	1	0	1	1	1
## 440	0	0	0	1	0
## 441	0	0	0	1	0
## 442	0	1	0	1	0
## 443	1	0	0	1	0
## 444	0	0	0	0	0
## 445	0	0	0	1	1
## 446	0	0	0	1	0

## 447	0	0	0	0	1
## 448	0	0	0	0	0
## 449	0	0	0	1	1
## 450	0	0	0	1	0
## 451	0	0	0	1	1
## 452	0	0	0	1	0
## 453	0	0	0	0	0
## 454	0	1	0	0	0
## 455	0	0	0	0	0
## 456	0	0	0	1	0
## 457	0	0	0	1	0
## 458	0	0	0	0	0
## 459	0	0	0	1	1
## 460	0	0	0	0	0
## 461	0	0	0	1	1
## 462	0	1	0	0	0
## 463	1	0	0	1	0
## 464	1	1	1	1	0
## 465	1	0	0	0	1
## 466	0	0	0	1	0
## 467	0	0	0	1	0
## 468	0	0	0	0	1
## 469	0	0	0	1	0
## 470	0	0	0	1	1
## 471	0	0	0	0	0
## 472	0	0	0	1	1
## 473	0	0	0	1	0
## 474	1	0	0	1	0
## 475	0	0	0	1	0
## 476	1	0	0	0	0
## 477	0	1	0	0	1
## 478	0	0	0	1	0
## 479	0	0	0	0	1
## 480	0	0	0	1	1
## 481	0	0	0	1	1
## 482	0	0	0	0	1
## 483	1	0	1	1	0
## 484	0	0	0	0	0
## 485	0	0	0	1	1
## 486	0	0	0	1	0
## 487	0	1	0	1	0
## 488	0	0	0	1	1
## 489	0	0	0	1	0
## 490	0	0	1	1	1
## 491	0	0	0	1	0
## 492	0	1	0	1	0
## 493	0	0	0	1	0
## 494	0	0	0	1	1
## 495	0	0	0	1	0
## 496	0	0	0	1	1
## 497	0	0	0	1	0
## 498	0	0	0	1	0
## 499	0	0	0	0	1
## 500	0	0	0	1	0

## 501	0	0	0	0	0
## 502	0	0	0	1	0
## 503	0	0	0	0	0
## 504	0	0	0	0	1
## 505	0	0	0	1	0
## 506	1	0	0	1	0
## 507	0	0	0	0	0
## 508	0	0	0	1	0
## 509	0	0	0	0	0
## 510	0	0	0	1	0
## 511	0	0	0	1	0
## 512	0	0	0	0	0
## 513	0	0	0	0	1
## 514	0	0	0	0	0
## 515	0	0	0	1	0
## 516	0	0	0	0	1
## 517	0	0	0	0	0
## 518	0	0	0	0	0
## 519	0	0	0	1	0
## 520	0	0	0	1	0
## 521	0	0	0	1	1
## 522	0	0	0	1	0
## 523	0	0	0	0	0
## 524	0	0	0	0	0
## 525	0	0	0	1	0
## 526	0	0	0	0	0
## 527	0	0	0	0	1
## 528	0	0	0	1	0
## 529	1	0	0	1	0
## 530	0	0	0	1	0
## 531	0	0	0	0	1
## 532	0	1	1	1	1
## 533	0	0	1	1	1
## 534	0	0	0	0	0
## 535	0	1	0	0	0
## 536	0	0	0	1	0
## 537	0	0	0	1	0
## 538	1	0	0	1	0
## 539	0	0	0	0	1
## 540	0	0	0	0	0
## 541	0	0	0	1	0
## 542	0	0	0	0	0
## 543	0	0	0	1	0
## 544	0	0	0	0	1
## 545	0	0	0	1	0
## 546	0	0	0	0	0
## 547	0	1	0	0	0
## 548	0	1	1	1	1
## 549	0	0	0	1	1
## 550	0	0	0	0	1
## 551	0	0	0	1	1
## 552	0	0	0	1	1
## 553	0	0	0	1	0
## 554	0	0	0	0	0



## 555	0	0	0	1	0
## 556	0	0	1	1	1
## 557	0	0	0	1	0
## 558	0	0	0	0	1
## 559	0	1	0	0	0
## 560	0	0	0	1	0
## 561	0	0	0	1	0
## 562	0	0	0	1	0
## 563	0	0	0	1	1
## 564	0	0	0	1	0
## 565	0	0	0	0	0
## 566	0	0	0	1	0
## 567	1	0	1	1	1
## 568	0	0	0	0	0
## 569	0	0	0	1	1
## 570	0	0	0	0	0
## 571	1	1	1	0	0
## 572	0	0	0	1	0
## 573	0	0	0	0	0
## 574	0	0	0	1	1
## 575	0	0	0	1	1
## 576	0	0	0	1	0
## 577	0	0	0	0	1
## 578	0	0	0	1	0
## 579	0	0	0	1	1
## 580	0	0	0	1	0
## 581	0	0	0	1	1
## 582	0	0	0	1	1
## 583	0	0	0	0	0
## 584	0	0	0	1	0
## 585	0	0	0	1	0
## 586	0	0	0	1	0
## 587	0	0	0	1	1
## 588	0	0	0	1	0
## 589	0	0	1	1	1
## 590	0	0	0	0	0
## 591	0	0	0	1	0
## 592	0	0	0	1	0
## 593	0	1	1	1	1
## 594	0	0	0	1	0
## 595	0	0	0	0	0
## 596	0	0	0	1	0
## 597	1	0	0	1	0
## 598	0	1	0	0	1
## 599	0	0	0	0	0
## 600	0	0	0	1	1
## 601	0	0	0	1	0
## 602	0	0	0	1	1
## 603	0	0	0	0	0
## 604	0	0	0	1	0
## 605	0	0	0	0	1
## 606	0	0	0	1	1
## 607	0	0	0	1	0
## 608	1	0	0	0	0

## 609	0	0	0	1	0
## 610	0	0	0	0	0
## 611	0	0	0	0	0
## 612	0	0	0	0	0
## 613	0	0	0	1	1
## 614	0	1	0	0	0
## 615	0	0	0	1	1
## 616	0	0	0	0	0
## 617	0	0	0	1	1
## 618	0	0	0	1	0
## 619	0	0	0	1	0
## 620	0	0	0	0	0
## 621	1	0	0	1	0
## 622	0	0	0	1	0
## 623	0	0	0	1	0
## 624	0	0	0	1	0
## 625	0	0	0	1	0
## 626	0	0	0	1	0
## 627	0	0	0	0	1
## 628	0	0	0	1	0
## 629	0	0	0	0	0
## 630	0	0	1	1	1
## 631	0	0	0	0	1
## 632	0	0	0	1	0
## 633	1	0	0	1	0
## 634	0	0	0	1	1
## 635	0	1	1	1	1
## 636	0	0	0	1	0
## 637	0	0	0	1	0
## 638	0	0	0	1	0
## 639	0	0	0	0	0
## 640	0	0	0	1	1
## 641	0	1	0	1	0
## 642	0	0	0	0	0
## 643	0	0	0	1	0
## 644	0	0	0	1	0
## 645	0	0	0	1	0
## 646	0	0	0	0	0
## 647	0	0	0	0	0
## 648	0	1	1	1	1
## 649	0	0	0	1	0
## 650	0	0	0	1	0
## 651	1	1	0	0	0
## 652	0	0	0	0	0
## 653	0	0	0	1	0
## 654	0	0	0	0	1
## 655	1	0	0	0	0
## 656	0	0	0	0	0
## 657	0	0	0	0	0
## 658	0	0	0	0	0
## 659	0	0	0	0	0
## 660	0	0	0	1	1
## 661	0	0	0	1	0
## 662	0	0	0	1	0

## 663	1	0	0	0	0
## 664	0	0	0	0	0
## 665	0	0	0	0	1
## 666	0	1	0	1	0
## 667	0	1	1	1	1
## 668	0	1	0	1	0
## 669	0	0	0	0	0
## 670	0	0	0	0	0
## 671	0	0	0	1	0
## 672	1	1	1	1	0
## 673	0	0	0	1	0
## 674	0	0	0	0	0
## 675	0	0	0	0	0
## 676	0	0	0	0	0
## 677	0	0	0	0	1
## 678	0	0	0	1	0
## 679	0	0	0	0	0
## 680	0	0	0	0	0
## 681	0	0	0	0	1
## 682	1	0	0	1	0
## 683	0	0	0	0	1
## 684	0	0	0	0	0
## 685	0	0	0	1	0
## 686	0	0	0	1	0
## 687	0	0	0	1	0
## 688	0	0	0	1	0
## 689	0	0	0	1	0
## 690	0	1	1	1	0
## 691	0	0	0	1	0
## 692	0	0	0	1	1
## 693	0	0	0	0	0
## 694	0	0	0	1	0
## 695	0	0	0	1	0
## 696	0	0	0	0	0
## 697	0	0	0	1	0
## 698	0	0	0	1	0
## 699	0	0	0	0	0
## 700	0	0	0	0	0
## 701	0	0	0	1	1
## 702	0	0	0	0	1
## 703	1	0	0	0	0
## 704	0	0	0	0	0
## 705	0	0	0	0	0
## 706	0	0	0	1	0
## 707	0	0	0	1	0
## 708	0	0	0	1	1
## 709	0	0	0	0	0
## 710	0	0	0	1	0
## 711	0	0	0	1	1
## 712	0	1	0	0	0
## 713	0	0	0	1	0
## 714	0	0	0	1	0
## 715	0	0	0	0	0
## 716	0	1	1	1	1

## 717	0	0	0	1	1
## 718	0	0	0	0	1
## 719	0	0	1	1	1
## 720	0	1	0	1	0
## 721	0	0	0	0	0
## 722	0	0	0	1	0
## 723	1	0	1	1	1
## 724	0	0	0	1	0
## 725	0	0	0	1	0
## 726	0	0	0	0	0
## 727	0	0	0	1	0
## 728	0	0	0	1	0
## 729	1	0	0	0	0
## 730	0	0	0	0	1
## 731	0	0	0	1	0
## 732	0	0	0	1	1
## 733	0	0	0	1	0
## 734	0	0	0	1	0
## 735	0	0	0	1	1
## 736	0	0	0	1	0
## 737	1	0	0	1	0
## 738	1	0	0	1	0
## 739	0	0	0	1	0
## 740	0	0	0	0	0
## 741	0	0	0	0	0
## 742	0	0	0	1	0
## 743	0	0	0	1	0
## 744	0	1	1	1	1
## 745	0	1	0	1	0
## 746	0	0	0	0	1
## 747	0	0	0	1	0
## 748	0	1	1	1	0
## 749	0	0	0	0	0
## 750	0	0	0	0	1
## 751	0	0	0	1	0
## 752	0	0	0	1	0
## 753	0	0	0	0	0
## 754	0	0	0	1	1
## 755	0	0	1	1	1
## 756	0	0	0	0	1
## 757	0	0	0	1	0
## 758	0	1	0	0	0
## 759	0	1	0	0	0
## 760	0	0	0	1	0
## 761	0	0	0	1	0
## 762	0	0	0	1	0
## 763	0	0	0	1	0
## 764	0	0	0	0	1
## 765	0	0	0	0	1
## 766	1	0	0	0	0
## 767	0	0	0	0	0
## 768	0	0	0	0	0
## 769	0	0	0	1	0
## 770	0	1	0	1	0

## 771	1	0	0	1	0
## 772	0	1	0	1	0
## 773	1	0	1	1	1
## 774	0	0	0	1	1
## 775	0	0	0	0	1
## 776	0	0	0	0	1
## 777	1	0	0	1	0
## 778	0	0	0	1	1
## 779	0	0	0	1	0
## 780	1	0	0	0	0
## 781	0	0	0	1	1
## 782	1	0	0	1	0
## 783	1	1	1	1	1
## 784	0	1	0	0	0
## 785	0	0	0	0	0
## 786	0	0	1	1	1
## 787	0	1	0	1	0
## 788	1	0	0	0	0
## 789	0	0	0	0	0
## 790	0	0	0	1	0
## 791	0	0	0	1	1
## 792	0	0	0	1	0
## 793	0	0	0	0	1
## 794	0	0	0	1	0
## 795	0	0	0	1	0
## 796	0	0	0	0	1
## 797	0	0	0	0	0
## 798	0	0	0	1	0
## 799	0	0	0	0	0
## 800	0	0	0	1	0
## 801	0	0	0	1	0
## 802	0	0	0	1	0
## 803	0	0	0	1	0
## 804	0	0	0	0	0
## 805	0	0	0	1	0
## 806	1	0	0	0	0
## 807	0	0	0	0	0
## 808	0	0	0	1	0
## 809	0	0	0	1	0
## 810	0	0	0	0	1
## 811	0	0	0	0	0
## 812	0	0	0	0	0
## 813	0	0	0	0	0
## 814	1	0	0	1	0
## 815	0	0	0	0	1
## 816	0	0	0	0	0
## 817	0	0	0	1	1
## 818	0	0	0	1	0
## 819	0	0	0	1	1
## 820	0	0	0	0	0
## 821	0	0	0	1	0
## 822	0	0	0	0	0
## 823	0	0	0	0	0
## 824	0	0	0	1	1

## 825	0	1	0	1	0
## 826	0	0	0	0	0
## 827	0	0	0	1	0
## 828	0	0	0	1	1
## 829	0	0	0	1	0
## 830	0	0	0	1	0
## 831	0	0	0	0	0
## 832	0	0	0	1	0
## 833	0	0	0	0	0
## 834	0	0	0	0	0
## 835	1	1	1	1	0
## 836	0	0	0	1	1
## 837	0	0	0	0	1
## 838	0	0	0	1	0
## 839	0	0	0	0	0
## 840	0	0	0	0	0
## 841	0	0	0	0	1
## 842	0	1	0	0	0
## 843	0	0	0	0	0
## 844	0	0	0	1	0
## 845	0	0	0	1	0
## 846	0	0	0	1	1
## 847	0	0	0	1	0
## 848	0	0	0	1	0
## 849	0	0	0	1	0
## 850	0	1	1	1	1
## 851	0	0	0	0	0
## 852	0	1	0	1	0
## 853	0	0	0	0	1
## 854	0	0	0	0	0
## 855	0	1	0	1	0
## 856	0	0	0	1	0
## 857	0	0	0	0	0
## 858	0	0	1	1	1
## 859	0	0	0	1	0
## 860	1	0	0	0	0
## 861	0	0	0	0	0
## 862	0	1	0	1	0
## 863	0	0	0	0	0
## 864	0	0	0	0	0
## 865	0	0	0	1	0
## 866	0	0	0	1	1
## 867	0	0	0	1	0
## 868	0	0	0	0	0
## 869	0	1	0	0	1
## 870	0	0	0	0	1
## 871	0	0	0	1	0
## 872	0	0	0	1	0
## 873	0	0	0	1	0
## 874	0	0	0	0	0
## 875	0	0	0	1	1
## 876	0	0	0	0	0
## 877	0	0	0	1	0
## 878	0	0	0	0	0

## 879	0	0	0	0	0
## 880	0	0	0	1	0
## 881	0	0	0	1	0
## 882	0	0	0	1	0
## 883	0	0	0	0	0
## 884	0	0	0	1	0
## 885	0	0	0	1	0
## 886	0	0	0	1	0
## 887	0	0	0	0	0
## 888	0	0	0	1	0
## 889	1	0	0	0	0
## 890	0	0	0	1	1
## 891	0	0	0	1	0
## 892	1	0	1	1	1
## 893	0	0	0	1	0
## 894	0	0	0	0	1
## 895	0	0	0	1	1
## 896	0	1	1	1	1
## 897	1	0	0	1	0
## 898	0	0	0	1	1
## 899	0	0	0	1	0
## 900	1	0	0	0	1
## 901	0	0	0	0	1
## 902	0	0	0	1	0
## 903	0	0	0	0	0
## 904	0	0	0	1	0
## 905	0	1	0	0	0
## 906	0	0	0	1	1
## 907	0	0	0	0	0
## 908	0	0	0	1	1
## 909	0	0	0	0	1
## 910	0	0	0	0	1
## 911	0	0	0	0	1
## 912	0	0	0	0	0
## 913	0	0	0	1	0
## 914	0	1	0	0	0
## 915	1	1	1	0	1
## 916	0	0	0	1	0
## 917	0	0	0	1	0
## 918	0	0	0	1	1
## 919	0	0	0	0	0
## 920	0	1	0	0	1
## 921	0	0	0	0	0
## 922	0	0	0	1	1
## 923	0	1	1	1	0
## 924	0	0	0	0	0
## 925	0	1	0	0	0
## 926	0	0	0	0	1
## 927	0	0	0	1	0
## 928	1	0	0	0	1
## 929	0	0	0	1	0
## 930	0	0	0	0	1
## 931	0	0	0	1	0
## 932	0	0	0	1	0

## 933	0	1	1	1	1
## 934	0	0	0	1	0
## 935	0	0	0	1	0
## 936	0	0	0	0	1
## 937	0	1	0	0	0
## 938	0	1	0	1	0
## 939	0	1	0	0	0
## 940	0	0	0	1	1
## 941	1	0	0	1	0
## 942	1	0	0	0	0
## 943	0	0	0	0	1
## 944	0	0	0	0	0
## 945	0	0	0	0	1
## 946	0	0	0	1	0
## 947	0	0	0	0	0
## 948	0	0	0	1	0
## 949	0	0	0	1	1
## 950	0	0	0	1	0
## 951	0	0	0	1	0
## 952	1	0	0	1	0
## 953	0	0	0	0	1
## 954	0	1	0	1	0
## 955	1	0	0	1	0
## 956	0	0	0	1	0
## 957	0	0	0	1	0
## 958	0	0	0	1	0
## 959	0	0	0	0	1
## 960	0	0	0	0	0
## 961	0	0	0	1	1
## 962	0	0	0	1	0
## 963	0	0	0	0	0
## 964	0	0	0	0	0
## 965	0	1	0	1	0
## 966	1	0	0	1	0
## 967	0	0	0	0	0
## 968	0	0	0	1	0
## 969	0	0	0	1	1
## 970	0	0	0	1	0
## 971	0	0	0	1	0
## 972	1	0	1	1	1
## 973	0	0	0	0	0
## 974	0	0	0	1	0
## 975	0	0	0	1	0
## 976	1	0	0	0	0
## 977	0	1	0	0	0
## 978	0	0	0	1	0
## 979	0	0	0	1	1
## 980	0	0	0	0	1
## 981	0	0	0	1	1
## 982	1	0	1	1	1
## 983	0	0	0	0	1
## 984	0	0	0	0	0
## 985	0	0	0	0	0
## 986	0	0	0	0	1



## 987	0	0	0	1	0
## 988	0	0	0	1	0
## 989	0	0	0	0	0
## 990	0	0	0	0	0
## 991	0	0	0	1	0
## 992	0	0	0	0	1
## 993	0	0	0	1	0
## 994	1	0	0	0	0
## 995	0	0	0	0	0
## 996	0	0	0	1	1
## 997	0	0	0	0	0
## 998	0	0	0	0	0
## 999	0	0	0	1	0
## 1000	0	0	0	1	1
## 1001	0	1	0	0	0
## 1002	0	0	0	1	0
## 1003	0	0	0	0	0
## 1004	0	0	0	1	0
## 1005	0	0	0	1	0
## 1006	0	1	0	1	0
## 1007	0	0	0	1	0
## 1008	1	0	0	0	0
## 1009	0	0	0	1	0
## 1010	0	0	0	1	0
## 1011	0	1	1	1	1
## 1012	0	0	0	1	0
## 1013	0	0	0	1	1
## 1014	0	0	0	1	0
## 1015	1	0	1	1	1
## 1016	0	0	0	0	0
## 1017	0	1	0	1	0
## 1018	0	0	0	0	0
## 1019	0	0	0	0	0
## 1020	0	0	0	0	0
## 1021	0	0	0	1	0
## 1022	0	0	0	1	1
## 1023	1	0	0	1	0
## 1024	0	0	0	1	0
## 1025	1	0	1	1	0
## 1026	0	0	0	1	0
## 1027	0	0	0	1	0
## 1028	0	1	0	0	0
## 1029	1	0	0	0	0
## 1030	0	0	0	1	0
## 1031	0	0	0	0	1
## 1032	0	0	0	1	0
## 1033	0	0	0	1	1
## 1034	0	0	0	1	0
## 1035	0	1	0	1	0
## 1036	0	1	0	1	0
## 1037	0	0	0	1	1
## 1038	0	1	0	1	0
## 1039	1	0	1	1	1
## 1040	1	0	0	1	0

## 1041	0	0	0	0	0
## 1042	0	0	0	0	0
## 1043	0	0	0	1	0
## 1044	0	0	0	1	0
## 1045	0	0	0	1	1
## 1046	0	0	0	0	0
## 1047	0	0	0	0	0
## 1048	0	0	0	0	0
## 1049	0	0	0	1	0
## 1050	0	0	0	1	0
## 1051	1	0	1	1	1
## 1052	0	1	0	0	0
## 1053	0	0	0	1	1
## 1054	0	0	0	1	0
## 1055	0	0	0	1	0
## 1056	0	1	0	1	0
## 1057	0	0	0	1	0
## 1058	0	0	0	1	0
## 1059	0	0	0	1	0
## 1060	0	0	0	1	1
## 1061	0	0	0	0	1
## 1062	0	0	0	1	0
## 1063	1	0	0	0	0
## 1064	0	0	0	0	1
## 1065	1	0	0	1	0
## 1066	0	0	0	0	1
## 1067	1	0	1	1	0
## 1068	0	0	0	0	0
## 1069	0	1	0	0	0
## 1070	1	0	0	1	0
## 1071	0	0	0	1	0
## 1072	0	0	0	1	0
## 1073	0	0	0	0	0
## 1074	0	0	0	1	1
## 1075	0	0	0	0	1
## 1076	0	0	0	0	0
## 1077	0	0	0	1	0
## 1078	1	0	0	1	0
## 1079	0	0	0	0	1
## 1080	0	1	0	0	0
## 1081	0	0	0	1	0
## 1082	0	0	0	0	0
## 1083	0	0	0	1	0
## 1084	0	1	0	0	0
## 1085	1	0	0	0	0
## 1086	0	1	0	0	0
## 1087	0	0	0	0	0
## 1088	0	0	0	0	0
## 1089	0	0	0	1	1
## 1090	0	0	0	1	0
## 1091	0	0	0	0	0
## 1092	0	0	0	1	1
## 1093	0	1	0	1	0
## 1094	0	0	0	1	0

## 1095	0	0	0	1	1
## 1096	0	0	0	1	0
## 1097	0	0	0	1	0
## 1098	1	0	0	0	1
## 1099	0	0	0	1	1
## 1100	0	0	0	1	0
## 1101	0	0	0	1	0
## 1102	0	0	0	0	0
## 1103	0	0	0	1	0
## 1104	0	0	0	0	0
## 1105	0	0	0	1	1
## 1106	1	0	1	1	1
## 1107	0	0	0	0	0
## 1108	0	0	0	1	1
## 1109	0	0	0	1	1
## 1110	0	0	0	1	0
## 1111	0	0	0	1	0
## 1112	0	0	0	0	0
## 1113	0	1	0	0	1
## 1114	0	0	0	0	1
## 1115	0	0	0	1	1
## 1116	0	0	0	0	0
## 1117	0	0	0	1	1
## 1118	0	0	0	1	1
## 1119	0	0	0	1	1
## 1120	0	0	0	1	0
## 1121	0	0	0	1	1
## 1122	0	0	0	0	1
## 1123	0	0	0	1	0
## 1124	0	0	0	0	0
## 1125	0	0	0	0	1
## 1126	0	0	0	0	0
## 1127	1	0	0	0	1
## 1128	0	0	0	1	1
## 1129	1	0	0	0	0
## 1130	1	0	1	1	1
## 1131	0	0	0	0	0
## 1132	0	0	0	1	0
## 1133	0	1	1	1	1
## 1134	0	0	0	0	0
## 1135	0	0	0	1	0
## 1136	0	1	0	1	0
## 1137	0	1	0	1	0
## 1138	1	1	1	1	0
## 1139	0	1	0	1	0
## 1140	0	0	0	1	0
## 1141	0	0	0	1	1
## 1142	1	0	0	1	0
## 1143	0	0	0	0	0
## 1144	1	0	0	1	0
## 1145	0	0	0	0	0
## 1146	0	0	0	0	1
## 1147	0	1	0	0	0
## 1148	0	0	0	0	0

## 1149	0	0	0	0	0
## 1150	0	0	0	0	0
## 1151	0	0	0	1	0
## 1152	0	1	1	1	0
## 1153	0	0	0	1	0
## 1154	0	0	0	1	1
## 1155	0	0	0	1	0
## 1156	0	0	0	0	1
## 1157	0	0	0	0	0
## 1158	0	0	0	0	0
## 1159	0	0	0	1	0
## 1160	0	0	0	0	1
## 1161	0	1	0	1	0
## 1162	1	0	0	0	0
## 1163	0	0	0	0	0
## 1164	0	0	0	1	0
## 1165	1	1	1	1	0
## 1166	0	0	0	0	0
## 1167	1	0	0	0	1
## 1168	0	0	0	1	0
## 1169	0	0	0	1	0
## 1170	0	0	0	1	0
## 1171	0	0	0	0	1
## 1172	0	0	0	1	0
## 1173	0	1	0	1	0
## 1174	0	0	0	0	0
## 1175	0	0	0	1	1
## 1176	0	0	0	1	1
## 1177	1	0	0	1	0
## 1178	1	1	1	1	0
## 1179	0	0	0	1	0
## 1180	0	1	0	0	1
## 1181	0	0	0	0	1
## 1182	0	1	0	0	0
## 1183	0	0	0	1	1
## 1184	0	0	0	1	1
## 1185	0	0	0	1	0
## 1186	0	0	0	0	0
## 1187	0	0	0	1	0
## 1188	0	1	0	0	0
## 1189	0	1	0	0	1
## 1190	0	0	0	1	0
## 1191	0	1	0	0	0
## 1192	0	0	0	1	1
## 1193	0	0	0	0	1
## 1194	0	0	0	1	1
## 1195	0	0	0	1	0
## 1196	1	0	0	1	0
## 1197	0	0	0	1	0
## 1198	0	0	0	0	1
## 1199	0	0	0	1	0
## 1200	0	0	0	1	0
## 1201	0	1	0	1	0
## 1202	0	0	0	1	0

## 1203	0	0	0	0	0
## 1204	0	0	0	1	0
## 1205	1	0	0	1	0
## 1206	0	0	0	1	0
## 1207	1	0	0	0	0
## 1208	0	0	0	0	1
## 1209	0	0	0	0	1
## 1210	0	0	0	0	1
## 1211	0	0	0	1	0
## 1212	0	0	0	1	0
## 1213	0	0	0	0	0
## 1214	0	0	0	0	0
## 1215	0	0	0	0	0
## 1216	0	0	0	1	1
## 1217	0	1	0	1	0
## 1218	0	0	0	1	0
## 1219	0	0	0	0	0
## 1220	0	0	0	0	0
## 1221	0	0	0	1	0
## 1222	0	0	0	0	1
## 1223	0	0	0	0	0
## 1224	0	0	0	0	0
## 1225	0	0	0	1	0
## 1226	1	0	0	0	0
## 1227	0	0	0	1	1
## 1228	0	0	0	0	0
## 1229	0	0	0	0	0
## 1230	0	0	0	1	0
## 1231	0	0	0	1	1
## 1232	0	1	1	1	1
## 1233	0	0	0	1	0
## 1234	0	0	0	1	0
## 1235	0	0	0	1	1
## 1236	0	0	0	0	0
## 1237	0	0	0	1	0
## 1238	1	0	1	1	1
## 1239	0	0	0	1	0
## 1240	0	0	0	1	1
## 1241	0	0	0	0	0
## 1242	0	1	1	1	1
## 1243	0	0	0	1	0
## 1244	0	0	0	1	0
## 1245	1	0	0	0	1
## 1246	0	0	0	1	0
## 1247	0	0	0	1	0
## 1248	0	0	0	1	0
## 1249	0	0	0	1	0
## 1250	0	0	0	1	1
## 1251	0	0	0	1	0
## 1252	0	0	0	0	0
## 1253	0	0	0	0	0
## 1254	0	0	0	1	0
## 1255	0	0	0	1	1
## 1256	0	0	0	1	1

## 1257	0	0	0	1	0
## 1258	0	0	0	0	1
## 1259	0	0	0	1	1
## 1260	0	0	0	1	0
## 1261	0	0	0	1	1
## 1262	0	0	0	0	0
## 1263	0	0	0	1	0
## 1264	0	0	0	1	0
## 1265	0	0	0	1	0
## 1266	0	0	0	0	0
## 1267	0	0	0	0	1
## 1268	0	1	0	0	0
## 1269	0	0	0	0	0
## 1270	0	0	0	1	1
## 1271	0	0	0	0	1
## 1272	0	0	0	1	0
## 1273	0	0	0	1	0
## 1274	1	0	1	1	1
## 1275	0	0	0	0	0
## 1276	0	0	0	1	0
## 1277	0	0	0	1	1
## 1278	0	0	0	0	0
## 1279	0	0	0	0	1
## 1280	0	0	0	0	0
## 1281	0	0	0	0	0
## 1282	0	0	0	1	0
## 1283	0	0	0	0	1
## 1284	0	0	0	0	0
## 1285	0	0	0	1	0
## 1286	1	0	0	0	1
## 1287	0	0	0	0	1
## 1288	0	0	0	0	0
## 1289	0	0	0	1	0
## 1290	0	0	0	0	0
## 1291	0	0	0	1	0
## 1292	0	1	0	0	0
## 1293	1	0	1	1	1
## 1294	0	0	0	1	1
## 1295	0	0	0	1	1
## 1296	0	0	0	0	0
## 1297	0	0	0	1	0
## 1298	0	0	0	1	0
## 1299	0	0	0	1	1
## 1300	0	1	0	1	0
## 1301	0	0	0	1	0
## 1302	0	0	0	0	1
## 1303	0	0	0	0	0
## 1304	0	1	0	0	0
## 1305	0	0	0	0	1
## 1306	0	0	0	1	0
## 1307	0	0	0	1	1
## 1308	0	0	0	1	1
## 1309	0	0	0	1	1
## 1310	0	0	0	0	0

## 1311	0	0	0	0	0
## 1312	0	0	0	0	0
## 1313	0	0	0	1	1
## 1314	0	0	0	1	0
## 1315	0	0	0	0	0
## 1316	0	0	0	0	0
## 1317	0	0	0	0	0
## 1318	0	0	0	1	0
## 1319	0	0	0	0	0
## 1320	0	0	0	0	1
## 1321	1	0	0	1	0
## 1322	0	0	0	0	0
## 1323	0	1	1	1	1
## 1324	0	0	0	0	0
## 1325	0	0	0	1	0
## 1326	0	0	0	1	0
## 1327	0	1	0	1	0
## 1328	0	0	0	1	0
## 1329	1	0	0	0	1
## 1330	0	0	0	0	0
## 1331	0	0	0	1	1
## 1332	0	0	0	1	0
## 1333	0	0	0	1	0
## 1334	0	0	0	1	0
## 1335	0	0	0	1	0
## 1336	0	0	0	1	1
## 1337	0	0	0	1	0
## 1338	1	0	0	0	0
## 1339	0	0	0	0	0
## 1340	1	0	0	1	0
## 1341	0	0	0	0	0
## 1342	0	0	0	0	0
## 1343	0	0	0	1	0
## 1344	0	0	0	0	1
## 1345	0	1	0	1	0
## 1346	0	0	0	0	0
## 1347	0	0	0	0	0
## 1348	0	0	0	1	0
## 1349	0	0	0	1	0
## 1350	1	0	0	1	0
## 1351	0	0	0	0	1
## 1352	0	0	0	1	1
## 1353	0	0	0	1	0
## 1354	0	0	0	1	1
## 1355	0	0	0	0	0
## 1356	0	0	0	1	0
## 1357	0	0	0	1	0
## 1358	0	0	0	0	0
## 1359	0	0	0	1	1
## 1360	0	0	0	0	0
## 1361	0	0	0	1	0
## 1362	0	0	0	1	0
## 1363	0	0	0	1	1
## 1364	0	0	0	0	0

## 1365	0	0	0	0	0
## 1366	0	0	0	1	1
## 1367	0	0	0	1	0
## 1368	0	0	0	0	1
## 1369	0	0	0	1	0
## 1370	0	0	0	0	0
## 1371	0	0	0	0	0
## 1372	0	0	0	1	0
## 1373	1	0	0	1	0
## 1374	1	0	0	1	0
## 1375	0	0	0	1	0
## 1376	1	0	0	0	1
## 1377	0	0	0	0	0
## 1378	0	0	0	1	0
## 1379	0	0	0	1	0
## 1380	0	0	0	1	0
## 1381	0	0	0	1	0
## 1382	0	0	0	1	0
## 1383	0	0	0	1	1
## 1384	0	1	0	1	0
## 1385	0	0	0	1	0
## 1386	0	0	0	0	1
## 1387	0	0	0	1	0
## 1388	0	0	0	1	1
## 1389	0	0	0	0	0
## 1390	0	0	0	1	0
## 1391	0	0	0	1	1
## 1392	0	0	0	0	0
## 1393	0	0	0	1	1
## 1394	0	0	0	1	0
## 1395	0	0	0	0	1
## 1396	1	0	0	0	0
## 1397	0	0	0	0	0
## 1398	0	0	0	1	0
## 1399	0	0	0	0	0
## 1400	0	0	0	1	0
## 1401	0	0	0	1	0
## 1402	0	0	0	1	0
## 1403	1	0	0	0	0
## 1404	0	1	0	0	1
## 1405	0	0	0	1	0
## 1406	1	0	1	1	1
## 1407	0	0	0	1	1
## 1408	1	0	0	1	0
## 1409	1	0	0	1	0
## 1410	0	0	0	0	0
## 1411	0	0	0	0	0
## 1412	1	0	1	1	1
## 1413	0	0	0	0	0
## 1414	0	0	0	0	0
## 1415	0	1	0	1	0
## 1416	0	0	0	1	0
## 1417	0	0	0	0	0
## 1418	0	0	0	0	0



## 1419	1	1	1	1	1
## 1420	0	0	0	0	1
## 1421	0	0	1	1	1
## 1422	0	0	0	0	0
## 1423	0	0	1	1	1
## 1424	0	0	0	0	0
## 1425	0	0	0	1	0
## 1426	0	0	0	1	1
## 1427	0	0	0	1	0
## 1428	0	0	0	1	1
## 1429	0	0	0	1	0
## 1430	0	0	0	0	0
## 1431	0	0	0	1	0
## 1432	0	0	0	0	0
## 1433	0	0	0	0	0
## 1434	0	0	0	0	1
## 1435	0	0	0	0	0
## 1436	0	0	0	1	0
## 1437	0	0	0	1	1
## 1438	0	0	0	0	0
## 1439	0	1	0	1	0
## 1440	0	0	0	0	0
## 1441	0	0	0	1	0
## 1442	0	0	0	1	0
## 1443	0	1	0	1	0
## 1444	0	0	0	1	0
## 1445	1	1	1	1	0
## 1446	0	0	0	0	0
## 1447	0	0	0	0	0
## 1448	0	0	0	1	0
## 1449	0	0	0	1	0
## 1450	0	0	0	1	0
## 1451	0	0	0	1	1
## 1452	0	0	0	1	1
## 1453	0	0	0	1	0
## 1454	0	0	0	1	1
## 1455	0	0	0	0	0
## 1456	0	0	0	0	1
## 1457	0	0	0	1	0
## 1458	0	0	0	0	1
## 1459	0	0	0	1	1
## 1460	0	0	0	0	0
## 1461	0	0	0	1	1
## 1462	0	0	0	1	0
## 1463	0	0	0	1	0
## 1464	0	0	0	1	0
## 1465	0	0	0	1	0
## 1466	0	0	0	1	0
## 1467	0	0	0	0	1
## 1468	0	0	0	0	0
## 1469	0	0	0	1	0
## 1470	0	0	0	1	0
## 1471	0	0	0	0	1
## 1472	0	0	0	1	1

## 1473	0	0	0	1	0
## 1474	0	0	0	1	0
## 1475	0	0	0	1	0
## 1476	0	0	0	0	0
## 1477	0	0	0	0	1
## 1478	0	0	0	1	1
## 1479	1	0	0	1	0
## 1480	0	0	0	0	0
## 1481	0	0	0	0	1
## 1482	0	1	0	1	0
## 1483	0	0	0	1	0
## 1484	0	1	0	1	0
## 1485	0	1	0	1	0
## 1486	0	0	0	1	0
## 1487	1	0	0	0	0
## 1488	0	0	0	1	1
## 1489	0	0	0	1	0
## 1490	0	0	0	0	0
## 1491	0	0	0	1	1
## 1492	0	0	0	1	1
## 1493	0	0	0	1	0
## 1494	0	0	0	1	1
## 1495	0	0	0	1	1
## 1496	1	0	0	1	0
## 1497	0	0	0	0	1
## 1498	0	0	0	1	0
## 1499	0	0	0	0	0
## 1500	1	0	1	1	1
## 1501	0	0	0	1	0
## 1502	0	1	0	0	1
## 1503	0	0	0	1	1
## 1504	0	0	0	0	0
## 1505	1	0	0	1	0
## 1506	0	0	0	0	1
## 1507	0	0	0	1	1
## 1508	0	0	0	0	0
## 1509	0	0	0	1	1
## 1510	0	1	0	0	1
## 1511	0	0	0	1	0
## 1512	0	0	0	0	0
## 1513	0	0	0	0	0
## 1514	0	0	0	0	0
## 1515	0	0	0	1	1
## 1516	0	0	0	1	1
## 1517	0	0	0	0	0
## 1518	0	0	0	1	0
## 1519	1	0	0	1	0
## 1520	0	0	0	1	0
## 1521	0	0	0	1	1
## 1522	0	0	0	1	0
## 1523	0	0	0	0	1
## 1524	0	0	0	1	0
## 1525	1	0	1	1	1
## 1526	0	0	0	0	0

## 1527	0	0	0	1	0
## 1528	0	0	0	0	0
## 1529	0	1	0	1	0
## 1530	0	1	0	0	0
## 1531	0	0	0	1	1
## 1532	0	0	0	1	0
## 1533	0	0	0	1	1
## 1534	0	0	0	0	0
## 1535	0	0	0	1	1
## 1536	0	0	0	1	1
## 1537	0	0	0	1	0
## 1538	0	0	0	1	0
## 1539	0	0	0	1	0
## 1540	0	0	0	0	0
## 1541	0	1	1	1	1
## 1542	0	0	0	0	0
## 1543	0	0	0	0	0
## 1544	0	0	0	1	0
## 1545	0	0	0	1	1
## 1546	0	1	0	0	0
## 1547	0	0	0	1	0
## 1548	0	0	0	0	0
## 1549	0	1	0	0	0
## 1550	0	0	0	1	0
## 1551	0	0	0	1	0
## 1552	0	0	0	0	1
## 1553	0	0	0	0	0
## 1554	0	0	0	0	0
## 1555	0	1	0	1	0
## 1556	0	0	0	1	0
## 1557	0	0	0	0	0
## 1558	0	0	0	0	0
## 1559	0	0	0	0	0
## 1560	1	0	0	1	0
## 1561	0	0	0	0	0
## 1562	0	0	0	1	0
## 1563	0	0	0	1	0
## 1564	0	1	0	0	1
## 1565	0	0	0	1	0
## 1566	0	0	0	1	0
## 1567	0	0	0	1	0
## 1568	0	0	0	1	0
## 1569	0	0	0	0	0
## 1570	0	0	0	0	0
## 1571	1	0	0	0	1
## 1572	0	0	0	0	0
## 1573	0	1	0	0	1
## 1574	0	0	1	1	1
## 1575	0	0	0	1	0
## 1576	0	0	0	1	0
## 1577	0	0	0	1	0
## 1578	1	0	0	1	0
## 1579	0	1	0	1	0
## 1580	1	0	0	0	1

## 1581	0	0	0	0	0
## 1582	0	0	0	0	1
## 1583	1	0	1	1	1
## 1584	1	0	1	1	1
## 1585	0	0	0	0	0
## 1586	0	0	0	0	0
## 1587	0	0	0	0	1
## 1588	0	1	0	1	0
## 1589	0	0	0	1	0
## 1590	1	0	0	1	0
## 1591	0	0	0	0	0
## 1592	0	0	0	1	0
## 1593	1	0	1	1	0
## 1594	0	0	0	1	0
## 1595	0	1	0	1	0
## 1596	0	1	0	1	0
## 1597	0	1	0	0	0
## 1598	0	1	0	0	1
## 1599	0	1	0	0	0
## 1600	0	0	0	1	0
## 1601	0	0	0	1	0
## 1602	0	0	0	0	0
## 1603	0	0	0	1	0
## 1604	1	0	0	1	0
## 1605	1	0	0	0	1
## 1606	0	0	0	1	0
## 1607	0	0	0	1	0
## 1608	0	0	0	0	0
## 1609	0	0	0	1	0
## 1610	0	1	1	1	1
## 1611	0	0	0	0	1
## 1612	0	0	0	0	0
## 1613	0	0	0	0	0
## 1614	0	1	0	1	0
## 1615	0	1	1	1	1
## 1616	0	0	0	0	0
## 1617	1	1	1	1	0
## 1618	0	0	0	0	0
## 1619	0	0	0	1	1
## 1620	0	0	0	1	0
## 1621	0	0	0	1	0
## 1622	0	0	0	1	0
## 1623	0	0	0	1	0
## 1624	0	0	0	0	0
## 1625	0	1	0	1	0
## 1626	0	0	0	1	0
## 1627	0	0	0	0	0
## 1628	0	0	0	1	1
## 1629	0	1	0	0	0
## 1630	1	0	0	0	0
## 1631	0	0	0	1	1
## 1632	1	1	1	0	1
## 1633	1	0	0	1	0
## 1634	0	0	0	0	0

## 1635	0	0	1	1	1
## 1636	0	0	0	0	0
## 1637	0	0	0	0	1
## 1638	1	0	0	1	0
## 1639	0	0	0	1	1
## 1640	0	1	0	1	0
## 1641	0	0	0	1	0
## 1642	1	0	0	0	0
## 1643	0	0	0	1	1
## 1644	0	0	0	1	0
## 1645	0	0	0	0	1
## 1646	0	1	0	1	0
## 1647	0	0	0	1	0
## 1648	0	0	0	0	0
## 1649	0	0	0	0	1
## 1650	0	0	0	1	0
## 1651	0	0	0	1	0
## 1652	1	0	0	1	0
## 1653	1	0	0	1	0
## 1654	0	0	0	0	1
## 1655	0	0	0	1	1
## 1656	0	0	0	0	0
## 1657	0	0	0	1	0
## 1658	0	0	0	1	0
## 1659	0	0	0	1	0
## 1660	1	0	1	1	1
## 1661	0	0	0	1	0
## 1662	0	0	0	0	1
## 1663	0	0	0	0	0
## 1664	0	1	0	1	0
## 1665	0	0	0	1	0
## 1666	0	0	0	1	1
## 1667	1	0	0	1	0
## 1668	0	0	0	0	0
## 1669	0	1	0	0	1
## 1670	0	0	0	1	1
## 1671	0	0	0	1	0
## 1672	0	0	0	1	0
## 1673	1	0	1	1	1
## 1674	0	0	0	0	1
## 1675	1	0	0	1	0
## 1676	0	1	0	1	0
## 1677	0	0	0	1	0
## 1678	0	0	0	0	0
## 1679	0	0	0	0	0
## 1680	1	1	1	1	0
## 1681	0	0	0	0	0
## 1682	0	0	0	0	0
## 1683	0	0	0	1	0
## 1684	0	0	0	0	0
## 1685	0	0	0	0	0
## 1686	0	0	0	1	0
## 1687	0	1	0	1	0
## 1688	0	0	0	1	1

## 1689	0	0	0	1	0
## 1690	0	0	0	1	1
## 1691	0	0	0	0	0
## 1692	0	0	0	0	1
## 1693	0	0	0	1	0
## 1694	0	0	0	0	0
## 1695	0	0	0	0	0
## 1696	0	0	0	1	0
## 1697	0	0	0	0	0
## 1698	0	0	0	1	1
## 1699	0	0	0	1	0
## 1700	0	0	0	0	1
## 1701	0	0	0	0	0
## 1702	0	0	0	0	0
## 1703	0	0	0	0	1
## 1704	0	0	0	1	0
## 1705	0	0	0	0	1
## 1706	0	1	0	0	1
## 1707	0	0	0	1	0
## 1708	0	0	0	0	1
## 1709	0	0	0	0	1
## 1710	0	0	0	1	1
## 1711	0	0	0	1	1
## 1712	0	0	0	1	0
## 1713	0	0	0	0	0
## 1714	0	0	0	1	0
## 1715	0	0	0	0	1
## 1716	0	0	0	1	0
## 1717	0	0	0	1	0
## 1718	0	0	0	0	0
## 1719	0	0	0	1	1
## 1720	0	0	0	1	1
## 1721	0	0	0	1	0
## 1722	0	0	0	1	0
## 1723	0	1	1	1	0
## 1724	0	0	0	1	0
## 1725	0	0	0	1	0
## 1726	0	0	0	1	0
## 1727	0	0	0	1	1
## 1728	0	0	0	0	1
## 1729	0	0	0	1	0
## 1730	0	0	0	1	0
## 1731	0	0	0	0	1
## 1732	1	0	0	1	0
## 1733	0	0	0	1	1
## 1734	0	0	0	1	0
## 1735	0	0	0	1	0
## 1736	0	0	0	1	1
## 1737	0	0	0	0	1
## 1738	0	1	0	0	0
## 1739	0	0	0	1	1
## 1740	0	1	1	1	1
## 1741	0	1	1	1	0
## 1742	0	0	0	0	0

## 1743	0	0	0	1	0
## 1744	0	0	0	1	0
## 1745	0	0	0	1	0
## 1746	0	1	0	0	1
## 1747	0	0	0	1	1
## 1748	0	0	0	0	1
## 1749	0	0	0	1	0
## 1750	0	0	0	0	0
## 1751	0	0	0	0	0
## 1752	0	0	0	0	0
## 1753	1	0	0	0	0
## 1754	0	0	0	1	0
## 1755	0	0	0	1	0
## 1756	0	0	0	1	1
## 1757	0	0	0	0	0
## 1758	0	0	0	1	1
## 1759	0	0	0	0	0
## 1760	0	0	0	0	0
## 1761	0	0	0	1	0
## 1762	0	0	0	0	1
## 1763	0	0	0	1	1
## 1764	0	0	0	0	1
## 1765	0	0	0	1	0
## 1766	0	0	0	0	0
## 1767	0	1	0	0	0
## 1768	0	0	0	1	0
## 1769	1	0	0	0	0
## 1770	0	0	0	0	0
## 1771	0	0	0	0	0
## 1772	0	0	0	1	0
## 1773	0	0	0	0	0
## 1774	0	0	0	0	0
## 1775	0	0	0	0	1
## 1776	0	0	0	0	0
## 1777	0	0	0	1	0
## 1778	0	0	0	1	1
## 1779	0	0	0	0	0
## 1780	0	0	0	1	0
## 1781	0	0	0	1	0
## 1782	0	0	0	0	1
## 1783	0	0	0	0	1
## 1784	0	0	0	1	0
## 1785	1	1	1	0	0
## 1786	0	0	0	1	0
## 1787	0	0	0	0	0
## 1788	0	1	1	1	1
## 1789	0	0	0	1	0
## 1790	1	0	1	1	1
## 1791	0	1	0	0	1
## 1792	0	0	1	1	1
## 1793	0	0	1	1	1
## 1794	1	0	0	1	0
## 1795	1	0	0	0	0
## 1796	0	0	0	0	1

## 1797	0	0	0	1	0
## 1798	0	0	0	1	1
## 1799	1	0	0	1	0
## 1800	0	0	0	1	0
## 1801	0	1	1	1	1
## 1802	0	0	0	0	0
## 1803	0	0	0	0	0
## 1804	0	0	0	1	0
## 1805	0	1	0	1	0
## 1806	0	0	0	1	0
## 1807	0	0	0	0	0
## 1808	0	0	0	0	0
## 1809	0	0	0	1	0
## 1810	0	1	0	1	0
## 1811	0	0	0	1	0
## 1812	0	0	0	0	0
## 1813	0	0	0	1	0
## 1814	0	0	0	1	1
## 1815	0	0	0	1	0
## 1816	0	1	1	1	1
## 1817	0	1	0	1	0
## 1818	0	0	0	0	1
## 1819	0	0	0	1	0
## 1820	0	0	0	1	0
## 1821	0	0	0	1	0
## 1822	0	1	0	1	0
## 1823	1	1	1	1	0
## 1824	0	0	0	1	1
## 1825	1	0	0	0	1
## 1826	1	1	0	0	0
## 1827	0	0	0	0	0
## 1828	0	0	0	0	1
## 1829	0	0	0	0	0
## 1830	0	0	0	1	0
## 1831	0	0	0	0	0
## 1832	0	0	0	1	1
## 1833	0	1	0	1	0
## 1834	1	0	0	0	0
## 1835	0	0	0	0	0
## 1836	0	0	0	1	1
## 1837	0	0	0	0	0
## 1838	0	0	0	1	1
## 1839	0	0	0	1	0
## 1840	0	0	0	1	1
## 1841	0	0	0	0	0
## 1842	0	0	0	1	1
## 1843	0	0	0	1	0
## 1844	0	0	0	0	0
## 1845	0	0	0	0	1
## 1846	0	0	0	1	0
## 1847	0	0	0	1	0
## 1848	0	0	0	0	0
## 1849	0	1	1	1	1
## 1850	0	0	0	1	0



## 1851	0	0	0	1	0
## 1852	0	0	0	0	1
## 1853	0	0	0	0	0
## 1854	0	0	0	1	0
## 1855	0	0	0	1	0
## 1856	0	0	0	1	1
## 1857	0	0	0	1	0
## 1858	0	0	0	0	1
## 1859	0	0	0	1	0
## 1860	0	0	0	0	0
## 1861	1	0	0	1	0
## 1862	0	1	1	1	1
## 1863	0	0	0	1	0
## 1864	0	0	0	1	0
## 1865	0	0	0	0	0
## 1866	0	1	0	0	0
## 1867	0	0	0	1	0
## 1868	0	0	0	0	0
## 1869	0	0	0	1	1
## 1870	0	0	0	1	0
## 1871	1	0	0	0	0
## 1872	0	0	0	0	0
## 1873	0	0	0	0	0
## 1874	0	0	0	1	0
## 1875	0	0	0	1	1
## 1876	0	1	0	1	0
## 1877	0	0	0	0	0
## 1878	0	0	0	1	0
## 1879	0	1	0	1	0
## 1880	0	0	0	0	0
## 1881	0	0	0	1	0
## 1882	0	0	0	0	0
## 1883	1	0	1	1	1
## 1884	0	0	0	0	0
## 1885	0	0	0	1	0
## 1886	0	0	1	1	1
## 1887	0	0	0	0	0
## 1888	0	0	1	1	1
## 1889	0	0	0	1	0
## 1890	1	1	1	1	0
## 1891	0	0	0	0	0
## 1892	0	0	0	0	0
## 1893	0	0	0	0	1
## 1894	0	1	0	0	0
## 1895	0	0	0	1	1
## 1896	0	0	0	1	0
## 1897	0	1	0	0	1
## 1898	0	0	0	0	0
## 1899	0	0	0	1	0
## 1900	0	0	0	1	0
## 1901	0	0	0	1	0
## 1902	0	1	0	1	0
## 1903	0	0	0	1	1
## 1904	0	0	0	0	0

## 1905	0	0	0	1	0
## 1906	0	0	0	1	0
## 1907	0	0	0	1	0
## 1908	0	0	0	0	0
## 1909	0	0	0	1	0
## 1910	0	0	0	0	1
## 1911	0	0	0	0	0
## 1912	0	0	0	0	0
## 1913	1	1	1	1	0
## 1914	1	0	0	1	0
## 1915	0	0	0	1	0
## 1916	0	1	0	0	0
## 1917	0	0	0	1	0
## 1918	0	0	0	0	0
## 1919	1	0	1	1	1
## 1920	0	0	0	0	1
## 1921	0	0	0	0	0
## 1922	0	0	0	1	1
## 1923	0	0	0	0	0
## 1924	0	0	0	1	0
## 1925	0	0	0	0	0
## 1926	0	0	0	1	0
## 1927	0	0	0	1	0
## 1928	0	0	0	0	0
## 1929	0	0	0	1	0
## 1930	0	0	0	1	0
## 1931	0	0	0	1	0
## 1932	0	0	0	1	0
## 1933	0	0	0	0	0
## 1934	0	0	0	1	0
## 1935	0	0	0	1	1
## 1936	1	0	1	1	1
## 1937	0	0	0	1	0
## 1938	1	1	1	1	0
## 1939	0	0	0	1	0
## 1940	0	0	0	1	0
## 1941	0	0	0	1	0
## 1942	0	0	0	1	0
## 1943	0	0	0	1	0
## 1944	0	0	0	0	0
## 1945	0	0	1	1	1
## 1946	0	1	0	1	0
## 1947	0	0	0	1	1
## 1948	0	0	0	1	0
## 1949	0	0	0	0	0
## 1950	0	0	0	0	0
## 1951	0	0	0	0	0
## 1952	0	0	0	1	1
## 1953	0	0	0	1	0
## 1954	0	0	0	1	0
## 1955	0	0	0	1	0
## 1956	0	0	0	1	0
## 1957	0	0	0	0	0
## 1958	0	0	0	1	0

## 1959	0	0	0	1	1
## 1960	0	0	0	0	0
## 1961	0	0	0	1	0
## 1962	0	0	0	0	0
## 1963	0	0	0	0	0
## 1964	0	0	0	0	1
## 1965	0	0	0	0	1
## 1966	0	0	0	1	0
## 1967	0	0	0	0	0
## 1968	0	0	0	0	1
## 1969	0	0	0	1	0
## 1970	0	0	0	1	1
## 1971	0	0	0	1	1
## 1972	0	0	0	0	1
## 1973	0	0	0	1	0
## 1974	0	0	0	0	0
## 1975	0	0	0	0	0
## 1976	0	0	0	1	1
## 1977	0	0	0	1	0
## 1978	0	0	0	1	1
## 1979	0	1	0	1	0
## 1980	0	0	0	0	0
## 1981	0	0	0	1	0
## 1982	0	0	0	1	0
## 1983	0	0	0	1	0
## 1984	0	0	0	0	0
## 1985	0	0	0	1	0
## 1986	0	0	0	0	0
## 1987	0	0	0	0	0
## 1988	0	1	1	1	1
## 1989	0	0	0	1	0
## 1990	0	1	0	0	0
## 1991	0	0	0	1	1
## 1992	0	0	0	0	0
## 1993	0	0	0	0	1
## 1994	0	0	0	0	0
## 1995	0	0	0	0	0
## 1996	0	0	0	0	0
## 1997	0	0	0	0	0
## 1998	0	0	0	1	0
## 1999	1	0	0	0	0
## 2000	0	0	0	1	0
## 2001	0	0	0	1	0
## 2002	1	0	0	0	1
## 2003	1	0	0	0	0
## 2004	0	0	0	1	1
## 2005	0	0	0	0	0
## 2006	1	0	1	1	1
## 2007	0	0	1	1	1
## 2008	0	0	0	1	1
## 2009	0	0	0	1	0
## 2010	0	0	0	0	0
## 2011	0	0	0	0	0
## 2012	0	0	0	1	0

## 2013	0	0	0	1	1
## 2014	0	0	0	1	0
## 2015	1	0	1	0	1
## 2016	0	0	0	1	0
## 2017	0	0	0	0	0
## 2018	0	1	0	0	0
## 2019	0	0	0	1	1
## 2020	0	1	1	1	0
## 2021	0	1	0	0	0
## 2022	1	0	0	1	0
## 2023	0	0	0	0	0
## 2024	0	0	0	1	0
## 2025	1	0	0	0	0
## 2026	0	1	0	0	0
## 2027	0	0	0	1	0
## 2028	0	0	0	0	0
## 2029	0	0	0	0	0
## 2030	0	0	0	1	0
## 2031	0	1	1	1	1
## 2032	0	0	0	1	0
## 2033	0	1	0	0	1
## 2034	0	0	0	1	1
## 2035	0	0	0	0	0
## 2036	0	0	0	1	1
## 2037	0	0	0	1	0
## 2038	0	0	0	0	1
## 2039	0	0	0	1	1
## 2040	0	0	0	1	0
## 2041	0	0	0	0	0
## 2042	1	0	0	0	0
## 2043	0	0	0	1	0
## 2044	0	0	0	1	1
## 2045	0	0	0	1	0
## 2046	0	0	0	1	0
## 2047	1	0	1	1	1
## 2048	1	0	0	0	1
## 2049	0	0	0	1	1
## 2050	0	0	0	1	0
## 2051	0	0	0	0	0
## 2052	0	0	0	0	0
## 2053	0	0	0	0	0
## 2054	0	1	1	1	1
## 2055	0	0	0	0	0
## 2056	0	0	0	1	0
## 2057	0	0	0	0	1
## 2058	0	0	0	1	1
## 2059	0	0	0	0	0
## 2060	0	0	0	1	0
## 2061	0	0	0	1	1
## 2062	1	0	0	0	0
## 2063	0	0	1	1	1
## 2064	0	0	0	1	0
## 2065	0	0	0	0	1
## 2066	0	0	0	1	1

## 2067	0	0	0	0	1
## 2068	0	0	0	0	1
## 2069	0	0	0	1	0
## 2070	0	0	0	1	1
## 2071	0	0	0	0	0
## 2072	0	0	0	1	0
## 2073	0	0	0	1	1
## 2074	0	0	0	1	1
## 2075	0	0	0	0	1
## 2076	0	0	0	0	0
## 2077	0	0	0	0	0
## 2078	1	0	0	0	1
## 2079	0	0	0	0	0
## 2080	0	0	0	1	0
## 2081	0	0	0	1	0
## 2082	0	0	0	0	0
## 2083	0	0	0	1	0
## 2084	0	0	0	1	0
## 2085	0	1	0	1	0
## 2086	0	0	0	1	0
## 2087	0	0	0	1	1
## 2088	1	0	0	1	0
## 2089	0	1	0	0	0
## 2090	0	0	0	1	0
## 2091	0	0	0	0	1
## 2092	0	1	0	1	0
## 2093	0	0	0	1	0
## 2094	0	0	0	1	1
## 2095	0	0	0	0	1
## 2096	1	0	0	0	0
## 2097	0	0	0	0	0
## 2098	0	0	0	1	0
## 2099	0	0	0	0	0
## 2100	0	0	0	0	0
## 2101	0	0	0	1	0
## 2102	1	0	0	0	0
## 2103	0	0	0	1	1
## 2104	0	0	0	1	1
## 2105	0	0	0	1	0
## 2106	0	0	0	1	1
## 2107	0	0	0	0	0
## 2108	0	0	0	0	0
## 2109	0	1	0	1	0
## 2110	1	0	0	0	0
## 2111	0	0	0	0	0
## 2112	0	0	0	1	0
## 2113	0	0	0	1	0
## 2114	0	0	0	1	0
## 2115	0	0	0	1	0
## 2116	0	0	0	0	0
## 2117	0	0	0	0	0
## 2118	0	0	0	1	0
## 2119	0	0	0	1	1
## 2120	0	0	0	0	0

## 2121	0	0	0	1	0
## 2122	0	0	0	0	1
## 2123	0	0	0	0	1
## 2124	0	0	0	1	0
## 2125	0	0	0	0	0
## 2126	0	0	0	1	0
## 2127	0	0	0	0	0
## 2128	0	0	0	0	0
## 2129	0	0	0	0	0
## 2130	0	0	0	0	0
## 2131	0	0	0	0	1
## 2132	0	0	0	0	0
## 2133	0	0	0	0	1
## 2134	0	0	0	1	0
## 2135	0	0	0	1	1
## 2136	0	1	0	0	0
## 2137	1	0	0	0	1
## 2138	0	0	0	1	0
## 2139	0	1	0	0	0
## 2140	0	0	0	1	0
## 2141	0	1	0	1	0
## 2142	0	0	0	0	0
## 2143	0	0	0	1	0
## 2144	0	0	0	0	0
## 2145	1	1	1	1	0
## 2146	0	0	0	1	1
## 2147	0	0	0	0	0
## 2148	0	0	0	0	0
## 2149	0	0	0	0	0
## 2150	0	0	0	0	0
## 2151	0	1	0	0	1
## 2152	0	0	0	0	0
## 2153	0	0	0	1	0
## 2154	0	0	0	1	0
## 2155	0	0	0	0	0
## 2156	0	0	0	1	0
## 2157	0	0	0	1	1
## 2158	0	1	0	0	0
## 2159	1	0	0	0	1
## 2160	1	0	0	0	1
## 2161	0	0	0	0	0
## 2162	0	0	0	1	1
## 2163	0	0	0	1	0
## 2164	0	0	0	1	0
## 2165	0	1	0	1	0
## 2166	0	0	0	1	0
## 2167	0	0	0	1	1
## 2168	0	0	0	1	0
## 2169	0	0	0	1	0
## 2170	0	0	0	1	1
## 2171	0	1	0	0	1
## 2172	0	0	0	1	0
## 2173	0	0	0	0	0
## 2174	0	0	0	0	0

## 2175	0	0	0	1	0
## 2176	0	0	0	0	0
## 2177	0	0	0	1	0
## 2178	0	0	0	1	0
## 2179	1	0	1	1	1
## 2180	0	0	0	0	0
## 2181	0	0	0	1	0
## 2182	0	0	0	1	0
## 2183	0	0	0	0	0
## 2184	0	0	0	1	1
## 2185	1	0	0	0	0
## 2186	0	0	0	1	1
## 2187	0	0	0	1	0
## 2188	0	0	0	0	0
## 2189	0	0	0	1	1
## 2190	0	0	0	1	1
## 2191	0	1	0	0	1
## 2192	0	0	0	1	0
## 2193	0	0	0	0	1
## 2194	0	0	0	1	0
## 2195	1	0	0	1	0
## 2196	0	0	0	1	0
## 2197	1	0	0	1	0
## 2198	0	0	0	1	0
## 2199	0	0	0	1	0
## 2200	0	0	0	0	1
## 2201	0	0	0	0	0
## 2202	0	0	0	0	0
## 2203	0	0	0	1	0
## 2204	0	0	0	0	0
## 2205	0	0	0	0	0
## 2206	0	0	0	0	0
## 2207	0	0	0	0	0
## 2208	1	0	0	1	0
## 2209	0	1	0	1	0
## 2210	0	0	0	0	0
## 2211	0	0	0	0	0
## 2212	0	0	0	1	1
## 2213	0	0	0	1	0
## 2214	0	0	0	0	0
## 2215	0	0	0	1	1
## 2216	1	0	0	1	0
## 2217	0	0	0	0	0
## 2218	1	0	1	1	0
## 2219	0	0	0	0	0
## 2220	0	0	0	1	0
## 2221	0	0	0	1	0
## 2222	0	0	0	1	1
## 2223	0	0	0	1	0
## 2224	0	1	0	0	0
## 2225	0	0	0	1	0
## 2226	0	0	0	0	0
## 2227	0	0	0	1	0
## 2228	0	0	0	1	1

## 2229	0	0	0	1	0
## 2230	0	0	0	1	1
## 2231	1	0	1	1	1
## 2232	0	1	0	1	0
## 2233	0	0	0	1	0
## 2234	0	0	0	1	0
## 2235	0	0	0	1	0
## 2236	0	0	0	1	1
## 2237	0	0	0	1	0
## 2238	0	0	0	1	1
## 2239	0	0	0	1	0
## 2240	0	1	0	0	0
## 2241	0	1	0	0	0
## 2242	0	0	0	1	0
## 2243	0	1	0	1	0
## 2244	0	0	0	1	1
## 2245	0	0	0	0	0
## 2246	0	0	0	0	1
## 2247	1	0	0	0	0
## 2248	0	0	0	0	0
## 2249	0	0	0	1	0
## 2250	0	0	0	1	0
## 2251	0	0	0	1	0
## 2252	0	0	0	0	0
## 2253	0	0	0	1	0
## 2254	0	0	0	1	0
## 2255	0	0	0	0	0
## 2256	0	0	0	1	0
## 2257	0	0	1	1	1
## 2258	0	0	0	0	0
## 2259	0	0	0	0	0
## 2260	0	0	0	1	0
## 2261	0	0	0	0	0
## 2262	1	0	0	1	0
## 2263	1	0	0	0	1
## 2264	0	0	0	1	0
## 2265	0	0	0	1	0
## 2266	0	0	0	0	0
## 2267	0	0	0	0	0
## 2268	1	0	0	0	0
## 2269	1	1	0	0	0
## 2270	0	0	0	1	0
## 2271	0	0	0	1	0
## 2272	0	0	0	1	1
## 2273	0	0	0	1	0
## 2274	0	0	0	1	1
## 2275	0	0	0	1	0
## 2276	0	0	0	1	0
## 2277	1	0	0	0	0
## 2278	0	0	0	0	0
## 2279	0	0	0	1	0
## 2280	0	0	1	1	1
## 2281	0	0	0	0	0
## 2282	0	0	0	1	1



## 2283	0	0	0	1	1
## 2284	0	0	0	0	0
## 2285	0	0	0	1	1
## 2286	1	0	0	1	0
## 2287	0	0	0	1	0
## 2288	0	0	0	1	0
## 2289	0	0	0	1	0
## 2290	0	0	0	0	0
## 2291	0	0	0	1	0
## 2292	0	0	0	0	0
## 2293	1	0	0	0	0
## 2294	0	0	0	1	0
## 2295	0	0	0	0	0
## 2296	0	0	0	1	0
## 2297	0	0	0	0	1
## 2298	0	0	0	1	1
## 2299	0	0	0	0	1
## 2300	0	0	0	0	0
## 2301	0	0	0	0	0
## 2302	0	0	0	0	0
## 2303	0	0	0	0	1
## 2304	0	0	0	1	1
## 2305	1	0	0	1	0
## 2306	0	0	1	1	1
## 2307	0	0	0	0	0
## 2308	0	0	0	1	0
## 2309	0	0	0	1	0
## 2310	0	0	0	1	0
## 2311	0	0	0	0	0
## 2312	0	0	0	1	1
## 2313	0	0	0	1	0
## 2314	0	0	0	1	1
## 2315	0	1	0	1	0
## 2316	1	0	0	1	0
## 2317	0	0	0	1	0
## 2318	1	1	1	0	1
## 2319	0	0	0	1	0
## 2320	0	0	0	1	0
## 2321	0	0	0	1	0
## 2322	0	0	0	0	0
## 2323	0	0	0	1	0
## 2324	0	0	0	0	0
## 2325	0	0	0	1	0
## 2326	0	0	0	0	0
## 2327	0	0	0	0	0
## 2328	0	1	0	1	0
## 2329	1	0	0	1	0
## 2330	0	0	0	1	0
## 2331	0	0	0	1	1
## 2332	0	0	0	0	0
## 2333	0	0	0	1	1
## 2334	0	1	1	1	1
## 2335	0	0	0	0	0
## 2336	0	0	0	0	0

## 2337	0	0	0	0	0
## 2338	1	0	0	0	1
## 2339	0	0	0	0	1
## 2340	0	0	0	0	0
## 2341	0	0	0	0	0
## 2342	0	0	0	1	0
## 2343	0	0	0	1	0
## 2344	0	0	0	1	1
## 2345	0	0	0	1	1
## 2346	1	0	1	1	0
## 2347	0	0	0	0	1
## 2348	0	0	0	0	1
## 2349	0	0	0	1	1
## 2350	0	1	1	1	0
## 2351	0	0	0	1	1
## 2352	0	0	0	1	1
## 2353	0	0	0	0	0
## 2354	0	0	0	1	1
## 2355	0	0	0	1	0
## 2356	0	0	0	1	1
## 2357	1	0	1	1	1
## 2358	0	0	0	0	0
## 2359	0	1	0	1	0
## 2360	1	0	1	1	1
## 2361	0	0	0	0	0
## 2362	1	1	1	1	0
## 2363	0	0	0	1	0
## 2364	0	0	0	1	0
## 2365	0	0	0	0	1
## 2366	0	0	0	0	0
## 2367	0	1	0	1	0
## 2368	0	0	0	1	1
## 2369	0	0	0	1	1
## 2370	0	0	0	1	0
## 2371	0	0	0	0	1
## 2372	0	0	0	0	0
## 2373	0	0	0	1	1
## 2374	1	0	0	0	0
## 2375	0	1	0	1	0
## 2376	0	1	1	1	1
## 2377	0	0	0	0	0
## 2378	0	0	0	0	0
## 2379	0	1	1	1	0
## 2380	0	0	0	1	0
## 2381	0	0	0	0	0
## 2382	0	0	0	1	0
## 2383	1	0	0	0	1
## 2384	0	0	0	1	1
## 2385	0	0	0	1	0
## 2386	1	0	0	0	0
## 2387	0	0	0	1	0
## 2388	0	0	0	0	1
## 2389	0	1	0	0	0
## 2390	0	0	0	0	1

## 2391	0	0	0	1	0
## 2392	1	0	0	1	0
## 2393	0	0	0	0	1
## 2394	0	0	0	1	1
## 2395	0	0	0	0	0
## 2396	0	0	0	0	1
## 2397	0	0	0	0	1
## 2398	0	0	0	1	0
## 2399	0	1	0	0	1
## 2400	0	1	0	1	0
## 2401	1	0	1	1	1
## 2402	0	0	0	1	0
## 2403	0	0	0	0	0
## 2404	1	0	0	0	0
## 2405	0	0	0	1	0
## 2406	0	1	0	1	0
## 2407	0	0	0	1	0
## 2408	0	0	0	1	0
## 2409	0	0	0	1	0
## 2410	0	0	0	1	0
## 2411	0	0	0	0	1
## 2412	0	0	0	1	0
## 2413	0	0	0	0	0
## 2414	0	0	0	0	0
## 2415	0	0	0	0	0
## 2416	0	0	0	1	1
## 2417	0	0	0	1	0
## 2418	0	0	0	1	1
## 2419	0	0	0	0	1
## 2420	0	0	0	1	0
## 2421	0	0	0	0	1
## 2422	0	0	0	1	0
## 2423	0	0	0	0	0
## 2424	0	0	0	1	0
## 2425	0	0	0	0	0
## 2426	0	0	0	1	1
## 2427	0	0	0	0	0
## 2428	0	0	0	1	0
## 2429	1	0	0	0	1
## 2430	0	0	0	1	1
## 2431	0	0	0	1	0
## 2432	0	0	0	1	0
## 2433	0	0	0	0	1
## 2434	1	1	1	1	0
## 2435	0	0	0	1	0
## 2436	0	0	0	1	0
## 2437	0	0	0	1	0
## 2438	0	0	0	0	1
## 2439	0	0	0	0	1
## 2440	0	0	0	0	1
## 2441	0	0	0	0	0
## 2442	0	0	0	1	1
## 2443	0	0	0	0	0
## 2444	1	0	1	1	1

## 2445	0	0	0	1	1
## 2446	0	0	0	1	0
## 2447	0	0	0	1	0
## 2448	0	0	0	1	1
## 2449	0	0	0	1	1
## 2450	0	0	0	1	0
## 2451	0	0	0	0	0
## 2452	0	0	0	1	1
## 2453	0	0	0	1	0
## 2454	0	0	0	1	0
## 2455	0	0	0	0	0
## 2456	1	0	0	1	0
## 2457	0	0	0	0	1
## 2458	0	0	0	1	1
## 2459	0	0	0	1	1
## 2460	0	0	0	1	1
## 2461	0	0	0	1	0
## 2462	0	0	0	1	0
## 2463	0	0	0	1	0
## 2464	0	0	0	1	0
## 2465	0	0	0	1	0
## 2466	0	0	0	1	0
## 2467	0	0	0	1	0
## 2468	0	1	0	1	0
## 2469	0	0	0	1	1
## 2470	0	0	0	0	1
## 2471	0	0	1	1	1
## 2472	0	0	0	1	0
## 2473	0	0	0	0	0
## 2474	0	0	0	0	0
## 2475	0	0	0	0	0
## 2476	0	0	0	0	0
## 2477	0	0	0	1	0
## 2478	1	0	0	1	0
## 2479	0	0	0	0	0
## 2480	0	0	0	1	0
## 2481	0	0	0	0	0
## 2482	0	0	0	0	0
## 2483	0	0	0	0	1
## 2484	0	1	0	0	0
## 2485	0	1	0	0	0
## 2486	0	0	0	0	1
## 2487	0	0	0	0	0
## 2488	0	1	0	1	0
## 2489	0	0	0	1	0
## 2490	0	0	0	1	0
## 2491	1	0	0	1	0
## 2492	0	0	0	1	0
## 2493	0	0	0	1	0
## 2494	0	0	0	0	0
## 2495	0	0	0	1	0
## 2496	0	0	0	0	1
## 2497	0	0	0	0	0
## 2498	0	0	0	0	0

## 2499	0	0	0	0	0
## 2500	0	1	0	1	0
## 2501	0	0	0	1	0
## 2502	0	0	0	1	0
## 2503	1	0	0	1	0
## 2504	0	0	0	1	1
## 2505	0	0	0	0	1
## 2506	0	0	0	0	0
## 2507	0	0	0	1	1
## 2508	0	0	0	1	1
## 2509	0	1	0	1	0
## 2510	0	0	0	0	1
## 2511	0	0	0	1	1
## 2512	1	0	1	1	1
## 2513	0	0	0	1	0
## 2514	0	0	0	0	0
## 2515	0	1	0	0	0
## 2516	0	0	0	1	0
## 2517	0	0	0	0	0
## 2518	0	0	0	0	1
## 2519	0	0	0	0	1
## 2520	0	0	0	1	1
## 2521	0	0	0	1	0
## 2522	0	0	0	1	1
## 2523	0	0	0	1	0
## 2524	0	0	0	0	0
## 2525	0	0	0	1	0
## 2526	0	0	0	1	1
## 2527	0	0	0	0	0
## 2528	0	0	0	0	0
## 2529	0	0	0	0	1
## 2530	0	0	0	1	1
## 2531	0	0	0	1	0
## 2532	0	0	0	1	0
## 2533	0	0	0	0	1
## 2534	1	0	0	1	0
## 2535	0	0	0	1	0
## 2536	0	0	0	0	0
## 2537	1	0	0	1	0
## 2538	0	0	0	1	0
## 2539	0	0	0	1	1
## 2540	1	1	1	0	0
## 2541	0	0	0	1	0
## 2542	1	0	0	1	0
## 2543	0	0	0	1	0
## 2544	0	0	0	0	0
## 2545	1	0	0	0	0
## 2546	0	0	0	1	0
## 2547	0	1	0	0	0
## 2548	0	0	0	1	0
## 2549	0	0	0	1	0
## 2550	0	0	0	0	1
## 2551	0	0	0	1	0
## 2552	0	1	1	1	1

## 2553	0	0	0	0	0
## 2554	0	0	0	0	0
## 2555	0	0	0	0	0
## 2556	0	0	0	0	0
## 2557	0	0	0	1	0
## 2558	0	0	0	1	0
## 2559	0	0	0	1	0
## 2560	0	0	0	1	0
## 2561	0	0	0	1	0
## 2562	1	1	0	0	0
## 2563	0	0	0	0	1
## 2564	0	0	0	0	1
## 2565	0	0	0	1	0
## 2566	0	0	0	1	0
## 2567	0	0	0	0	0
## 2568	0	0	0	0	1
## 2569	0	0	0	1	0
## 2570	0	0	0	0	0
## 2571	0	0	0	1	0
## 2572	0	0	0	0	0
## 2573	0	0	0	1	1
## 2574	0	0	0	1	1
## 2575	0	0	0	1	0
## 2576	0	0	0	1	0
## 2577	0	0	0	1	1
## 2578	0	0	0	1	0
## 2579	0	0	0	0	1
## 2580	0	0	0	0	0
## 2581	0	0	0	0	0
## 2582	0	0	0	1	0
## 2583	0	0	0	1	0
## 2584	0	0	0	1	1
## 2585	1	0	0	1	0
## 2586	0	0	0	1	1
## 2587	1	0	0	0	1
## 2588	0	0	0	1	0
## 2589	0	0	0	0	0
## 2590	0	0	0	1	1
## 2591	1	0	1	1	1
## 2592	0	0	0	0	0
## 2593	0	0	0	0	0
## 2594	1	0	0	0	0
## 2595	0	0	0	0	0
## 2596	0	0	0	0	0
## 2597	0	0	0	0	0
## 2598	0	0	0	0	0
## 2599	0	0	0	1	0
## 2600	0	0	0	0	1
## 2601	0	0	0	0	0
## 2602	0	0	0	0	0
## 2603	1	0	1	1	1
## 2604	0	0	0	1	0
## 2605	0	0	0	0	0
## 2606	0	0	0	1	0

## 2607	0	0	0	1	0
## 2608	0	1	1	1	1
## 2609	0	0	0	1	1
## 2610	0	1	0	0	0
## 2611	0	0	0	0	0
## 2612	0	0	0	1	0
## 2613	0	0	0	0	0
## 2614	1	1	1	1	0
## 2615	1	1	0	0	0
## 2616	0	0	0	1	1
## 2617	0	0	0	1	0
## 2618	0	0	0	1	0
## 2619	0	0	0	1	0
## 2620	0	0	0	0	1
## 2621	0	0	0	0	0
## 2622	0	0	0	0	0
## 2623	0	0	0	1	0
## 2624	1	1	1	0	1
## 2625	0	0	0	0	0
## 2626	0	0	0	1	0
## 2627	0	0	0	1	0
## 2628	0	0	0	1	0
## 2629	0	1	0	1	0
## 2630	0	0	0	1	0
## 2631	0	0	0	1	1
## 2632	0	0	0	1	0
## 2633	0	0	0	1	0
## 2634	0	0	0	1	0
## 2635	0	0	0	0	0
## 2636	0	0	0	1	0
## 2637	0	0	0	1	0
## 2638	0	0	0	1	0
## 2639	0	0	0	1	0
## 2640	0	0	0	1	0
## 2641	0	0	0	1	0
## 2642	0	0	0	1	0
## 2643	0	0	0	1	0
## 2644	0	0	0	1	1
## 2645	0	0	0	0	0
## 2646	0	0	0	1	0
## 2647	1	0	0	0	0
## 2648	0	0	0	1	0
## 2649	0	0	0	0	0
## 2650	0	0	0	1	0
## 2651	0	0	0	0	0
## 2652	0	0	0	0	0
## 2653	0	0	0	1	0
## 2654	0	0	0	1	0
## 2655	0	1	0	1	0
## 2656	0	1	0	1	0
## 2657	0	0	0	0	0
## 2658	0	0	0	1	0
## 2659	0	0	0	0	0
## 2660	0	0	0	0	0

## 2661	0	1	0	1	0
## 2662	0	0	0	1	0
## 2663	0	0	0	0	0
## 2664	0	0	0	0	0
## 2665	1	0	0	1	0
## 2666	0	0	0	0	0
## 2667	0	0	0	1	0
## 2668	0	0	0	1	0
## 2669	0	0	0	1	0
## 2670	0	1	0	0	1
## 2671	0	0	0	0	0
## 2672	0	0	0	0	0
## 2673	1	0	0	0	0
## 2674	0	0	0	1	0
## 2675	0	0	0	1	0
## 2676	0	0	1	1	1
## 2677	0	1	0	1	0
## 2678	0	0	0	1	0
## 2679	1	0	0	1	0
## 2680	0	0	0	1	0
## 2681	0	0	0	1	0
## 2682	0	0	0	0	0
## 2683	0	0	0	1	0
## 2684	0	0	0	0	0
## 2685	0	1	1	1	1
## 2686	0	0	0	1	0
## 2687	0	0	0	0	0
## 2688	0	0	0	1	0
## 2689	0	0	0	1	0
## 2690	0	0	0	0	0
## 2691	0	0	0	1	0
## 2692	1	0	0	1	0
## 2693	0	0	0	1	1
## 2694	0	0	0	1	0
## 2695	0	0	0	1	1
## 2696	0	0	0	0	0
## 2697	0	0	0	1	0
## 2698	0	0	0	1	0
## 2699	0	0	0	1	1
## 2700	0	0	0	0	0
## 2701	0	0	0	1	1
## 2702	0	0	0	1	0
## 2703	0	0	0	0	0
## 2704	0	0	0	0	1
## 2705	0	0	0	1	0
## 2706	0	0	0	1	0
## 2707	0	0	0	1	0
## 2708	1	0	1	1	1
## 2709	0	0	0	0	1
## 2710	0	0	0	0	0
## 2711	0	0	0	0	0
## 2712	0	0	0	1	1
## 2713	0	0	0	1	0
## 2714	0	0	0	1	0



## 2715	1	0	0	0	1
## 2716	0	0	0	1	0
## 2717	0	0	0	0	0
## 2718	0	0	0	1	1
## 2719	0	1	0	0	0
## 2720	0	0	0	1	0
## 2721	0	0	0	0	1
## 2722	1	0	0	1	0
## 2723	0	0	0	0	0
## 2724	0	0	0	1	0
## 2725	0	0	1	1	1
## 2726	0	0	0	1	0
## 2727	0	0	0	0	0
## 2728	0	0	0	1	1
## 2729	0	0	0	1	0
## 2730	0	0	0	1	0
## 2731	0	1	0	0	0
## 2732	0	0	0	1	0
## 2733	0	0	0	0	0
## 2734	0	0	0	0	0
## 2735	0	0	0	1	0
## 2736	0	0	0	1	0
## 2737	0	0	0	0	0
## 2738	0	0	0	0	0
## 2739	0	0	0	1	0
## 2740	0	0	0	1	0
## 2741	0	0	0	1	0
## 2742	0	0	0	0	0
## 2743	0	0	0	1	0
## 2744	0	0	0	1	1
## 2745	0	0	0	0	0
## 2746	0	0	0	0	1
## 2747	0	0	0	1	1
## 2748	0	0	0	0	1
## 2749	0	0	1	1	1
## 2750	0	0	0	1	0
## 2751	0	0	0	0	0
## 2752	0	0	0	1	1
## 2753	0	0	0	1	0
## 2754	1	0	0	0	0
## 2755	0	0	0	0	0
## 2756	0	0	0	1	1
## 2757	0	0	0	1	0
## 2758	0	0	0	0	0
## 2759	0	1	0	0	1
## 2760	0	0	0	0	0
## 2761	0	0	0	1	0
## 2762	0	0	0	0	1
## 2763	0	0	0	1	0
## 2764	0	0	0	1	0
## 2765	0	0	0	0	1
## 2766	0	0	0	1	0
## 2767	0	0	0	1	0
## 2768	0	0	0	1	0

## 2769	0	0	0	1	0
## 2770	1	0	0	1	0
## 2771	0	0	0	1	0
## 2772	0	0	0	0	0
## 2773	1	0	0	0	1
## 2774	1	0	0	1	0
## 2775	0	0	0	1	0
## 2776	0	0	0	0	0
## 2777	0	0	0	1	1
## 2778	0	0	0	1	1
## 2779	0	0	0	1	1
## 2780	1	0	0	1	0
## 2781	0	0	0	0	0
## 2782	0	0	0	0	0
## 2783	0	0	0	0	0
## 2784	0	0	1	1	1
## 2785	1	0	0	0	0
## 2786	0	1	1	1	1
## 2787	0	0	0	0	1
## 2788	0	0	0	0	0
## 2789	0	0	0	1	0
## 2790	0	0	0	1	1
## 2791	0	0	0	1	1
## 2792	0	0	0	0	0
## 2793	0	0	0	1	0
## 2794	0	1	1	1	1
## 2795	0	0	0	1	0
## 2796	0	0	0	0	0
## 2797	0	0	0	0	0
## 2798	0	0	0	1	0
## 2799	0	0	0	1	0
## 2800	0	0	0	1	0
## 2801	0	0	0	1	1
## 2802	0	0	0	1	0
## 2803	1	1	1	1	0
## 2804	0	0	0	1	0
## 2805	0	0	0	0	0
## 2806	1	0	0	1	0
## 2807	0	0	0	1	0
## 2808	0	1	0	0	0
## 2809	0	0	0	1	0
## 2810	1	1	1	1	1
## 2811	0	0	0	0	0
## 2812	0	0	0	0	0
## 2813	1	0	1	1	1
## 2814	0	0	0	1	0
## 2815	0	0	0	1	1
## 2816	0	0	0	0	0
## 2817	0	0	0	1	0
## 2818	0	0	0	1	0
## 2819	0	0	0	1	1
## 2820	0	0	0	1	0
## 2821	0	0	0	0	0
## 2822	0	0	0	1	0

## 2823	0	0	0	1	0
## 2824	0	1	0	0	0
## 2825	0	0	0	0	0
## 2826	0	0	0	1	0
## 2827	0	0	0	1	0
## 2828	0	0	0	1	1
## 2829	0	0	0	1	0
## 2830	0	0	0	0	0
## 2831	0	0	0	1	0
## 2832	0	0	0	1	1
## 2833	1	0	1	1	1
## 2834	0	0	0	1	0
## 2835	0	1	0	0	0
## 2836	0	0	0	1	0
## 2837	0	0	0	0	0
## 2838	0	0	0	0	1
## 2839	1	0	1	1	1
## 2840	0	0	0	1	0
## 2841	0	1	0	0	0
## 2842	1	0	1	1	0
## 2843	0	0	0	1	0
## 2844	0	0	0	1	1
## 2845	0	0	0	0	0
## 2846	0	0	0	0	0
## 2847	0	0	0	1	0
## 2848	0	0	0	1	0
## 2849	0	0	0	0	0
## 2850	0	0	0	1	1
## 2851	0	0	0	0	0
## 2852	0	0	0	1	0
## 2853	0	0	0	1	1
## 2854	0	0	0	1	0
## 2855	0	0	0	1	0
## 2856	0	0	0	1	0
## 2857	1	0	0	1	0
## 2858	1	0	0	0	0
## 2859	0	0	0	1	1
## 2860	1	0	0	1	0
## 2861	0	0	0	1	0
## 2862	0	0	0	0	1
## 2863	0	0	0	1	0
## 2864	0	0	0	1	1
## 2865	0	0	0	1	1
## 2866	0	0	0	1	0
## 2867	0	1	1	1	1
## 2868	0	0	0	1	0
## 2869	0	0	0	1	1
## 2870	0	0	0	0	0
## 2871	0	1	0	0	0
## 2872	0	0	0	1	0
## 2873	0	0	0	0	0
## 2874	0	1	0	1	0
## 2875	1	0	0	1	0
## 2876	0	0	0	1	1

## 2877	0	0	0	0	0
## 2878	0	0	0	0	1
## 2879	1	0	0	1	0
## 2880	0	0	0	0	0
## 2881	0	0	0	1	0
## 2882	0	0	0	1	0
## 2883	0	1	0	0	1
## 2884	0	0	0	1	0
## 2885	0	0	0	1	1
## 2886	1	0	0	1	0
## 2887	0	0	0	1	0
## 2888	0	0	0	1	0
## 2889	0	0	0	1	1
## 2890	0	0	0	0	0
## 2891	0	0	0	1	1
## 2892	0	0	0	1	1
## 2893	0	0	0	1	0
## 2894	0	0	0	1	0
## 2895	0	0	0	0	0
## 2896	0	0	0	1	0
## 2897	0	0	0	0	0
## 2898	0	0	0	0	0
## 2899	1	1	1	1	0
## 2900	0	0	0	0	0
## 2901	0	0	0	0	0
## 2902	0	0	0	1	0
## 2903	0	1	0	1	0
## 2904	0	0	0	1	1
## 2905	1	0	1	1	0
## 2906	0	0	0	1	0
## 2907	0	0	0	1	0
## 2908	0	0	0	0	1
## 2909	0	0	0	1	0
## 2910	0	1	0	0	1
## 2911	1	0	0	1	0
## 2912	0	0	0	1	0
## 2913	1	0	0	0	0
## 2914	0	0	0	1	1
## 2915	0	0	0	1	0
## 2916	0	0	0	1	0
## 2917	0	0	0	1	0
## 2918	0	0	0	1	0
## 2919	0	0	0	1	0
## 2920	0	0	1	1	1
## 2921	0	0	0	1	0
## 2922	0	0	0	1	0
## 2923	0	0	0	1	0
## 2924	0	0	0	0	0
## 2925	0	0	0	1	1
## 2926	0	0	0	1	0
## 2927	0	0	0	1	1
## 2928	0	0	0	0	0
## 2929	0	0	0	1	0
## 2930	0	0	0	0	0

## 2931	0	0	0	1	0
## 2932	0	0	0	0	1
## 2933	0	0	0	0	1
## 2934	0	0	0	1	0
## 2935	0	0	0	1	0
## 2936	0	0	0	1	1
## 2937	0	0	0	1	0
## 2938	0	0	0	1	1
## 2939	0	0	0	1	0
## 2940	0	0	0	0	1
## 2941	0	0	0	1	0
## 2942	0	0	0	0	0
## 2943	0	0	0	1	0
## 2944	0	0	0	0	0
## 2945	0	0	0	0	0
## 2946	0	0	0	1	1
## 2947	0	0	0	1	0
## 2948	0	0	0	0	0
## 2949	0	0	0	0	1
## 2950	0	0	0	1	0
## 2951	0	0	0	1	0
## 2952	1	0	0	0	1
## 2953	0	0	0	0	0
## 2954	0	0	0	1	1
## 2955	0	0	0	1	1
## 2956	0	0	0	1	0
## 2957	1	0	1	1	1
## 2958	0	0	0	1	0
## 2959	0	0	0	0	0
## 2960	0	0	0	0	0
## 2961	0	0	0	0	1
## 2962	0	0	0	1	0
## 2963	0	0	0	0	0
## 2964	0	0	0	1	1
## 2965	0	0	0	1	0
## 2966	0	0	0	0	1
## 2967	0	0	0	1	1
## 2968	0	0	0	1	1
## 2969	1	0	0	0	0
## 2970	0	0	0	0	0
## 2971	1	1	0	0	0
## 2972	0	0	1	1	1
## 2973	0	0	1	1	1
## 2974	0	0	0	1	0
## 2975	0	0	0	1	0
## 2976	0	0	0	0	1
## 2977	0	1	1	1	1
## 2978	0	1	0	1	0
## 2979	0	0	0	1	0
## 2980	0	0	0	1	0
## 2981	0	0	0	0	0
## 2982	0	0	0	0	0
## 2983	0	0	0	1	0
## 2984	0	0	0	1	1

## 2985	0	0	0	0	0
## 2986	0	0	0	0	0
## 2987	1	1	1	1	0
## 2988	0	0	0	0	0
## 2989	0	1	0	1	0
## 2990	0	0	0	1	0
## 2991	0	1	0	0	0
## 2992	0	1	0	1	0
## 2993	0	0	0	1	1
## 2994	0	0	0	0	1
## 2995	0	0	0	1	0
## 2996	0	0	0	1	0
## 2997	1	1	1	1	1
## 2998	0	0	0	0	0
## 2999	0	0	0	0	0
## 3000	0	0	0	0	1
## 3001	1	0	0	0	0
## 3002	0	0	0	1	1
## 3003	0	0	0	0	0
## 3004	0	0	0	0	1
## 3005	0	0	0	1	1
## 3006	1	0	0	1	0
## 3007	1	0	1	1	1
## 3008	0	0	0	0	1
## 3009	0	0	0	0	1
## 3010	0	0	0	1	0
## 3011	0	0	0	1	0
## 3012	0	0	0	1	0
## 3013	0	0	0	1	0
## 3014	0	0	0	1	1
## 3015	0	0	0	1	0
## 3016	0	1	0	0	1
## 3017	0	0	0	1	0
## 3018	0	0	0	0	0
## 3019	0	0	0	1	1
## 3020	0	0	0	1	0
## 3021	0	0	0	1	0
## 3022	0	0	0	1	0
## 3023	0	0	0	1	1
## 3024	0	0	0	0	1
## 3025	0	0	0	1	1
## 3026	0	0	0	0	0
## 3027	0	0	0	0	1
## 3028	0	0	0	1	0
## 3029	0	0	0	1	1
## 3030	0	1	0	1	0
## 3031	0	0	0	1	0
## 3032	0	0	0	0	1
## 3033	0	0	0	1	0
## 3034	1	0	0	0	1
## 3035	0	0	0	1	0
## 3036	0	0	0	0	0
## 3037	0	0	0	1	0
## 3038	1	0	1	1	0

## 3039	0	0	0	1	0
## 3040	1	0	0	0	1
## 3041	0	0	0	1	0
## 3042	0	0	0	1	0
## 3043	0	0	0	0	0
## 3044	0	0	0	1	1
## 3045	0	0	0	0	0
## 3046	0	0	0	1	0
## 3047	0	0	0	1	0
## 3048	0	1	0	0	0
## 3049	0	0	0	1	0
## 3050	0	0	0	0	0
## 3051	0	0	0	1	0
## 3052	0	0	0	1	0
## 3053	0	0	0	0	1
## 3054	0	0	0	1	0
## 3055	1	0	1	1	1
## 3056	0	0	0	1	0
## 3057	0	0	0	1	0
## 3058	0	1	0	1	0
## 3059	0	0	0	1	0
## 3060	0	0	0	1	0
## 3061	1	0	0	1	0
## 3062	0	1	0	1	0
## 3063	0	0	0	0	1
## 3064	0	0	0	0	0
## 3065	0	0	0	1	0
## 3066	0	1	0	1	0
## 3067	0	0	0	1	0
## 3068	0	1	0	0	0
## 3069	0	0	0	0	0
## 3070	0	0	0	1	1
## 3071	0	1	0	0	0
## 3072	0	0	0	0	1
## 3073	0	0	0	0	0
## 3074	0	0	0	1	0
## 3075	0	0	0	1	1
## 3076	0	0	0	0	0
## 3077	0	0	0	0	1
## 3078	0	1	0	1	0
## 3079	0	1	1	1	1
## 3080	0	0	0	1	1
## 3081	0	0	0	1	0
## 3082	0	0	0	1	1
## 3083	0	0	0	1	0
## 3084	0	1	1	1	0
## 3085	1	0	0	0	0
## 3086	0	0	0	0	1
## 3087	0	0	0	1	0
## 3088	0	0	0	1	0
## 3089	0	0	0	0	1
## 3090	0	0	0	0	0
## 3091	0	0	0	1	0
## 3092	0	0	0	0	1

## 3093	0	1	0	0	0
## 3094	0	0	0	0	1
## 3095	0	0	0	0	1
## 3096	0	0	0	1	1
## 3097	1	1	1	1	0
## 3098	0	0	0	0	0
## 3099	0	0	0	0	0
## 3100	0	0	0	0	1
## 3101	0	0	0	0	1
## 3102	0	0	0	0	0
## 3103	0	0	0	0	1
## 3104	0	0	0	1	0
## 3105	0	0	0	0	1
## 3106	0	0	0	0	0
## 3107	0	0	0	0	0
## 3108	0	0	0	0	0
## 3109	0	0	0	1	0
## 3110	0	1	0	1	0
## 3111	0	0	0	0	1
## 3112	0	0	0	1	0
## 3113	0	0	0	1	0
## 3114	0	0	0	1	0
## 3115	0	1	0	1	0
## 3116	0	0	0	0	0
## 3117	0	0	0	0	1
## 3118	0	0	0	1	0
## 3119	0	0	0	1	0
## 3120	0	0	0	1	0
## 3121	0	0	0	1	0
## 3122	0	0	0	0	1
## 3123	0	0	0	0	0
## 3124	0	0	0	1	1
## 3125	0	0	0	1	1
## 3126	0	0	0	1	1
## 3127	0	0	0	0	1
## 3128	0	0	0	1	0
## 3129	0	0	0	0	0
## 3130	0	1	0	0	1
## 3131	0	1	0	0	1
## 3132	0	0	0	1	1
## 3133	0	1	0	1	0
## 3134	0	0	0	1	0
## 3135	0	0	0	1	0
## 3136	0	0	0	0	0
## 3137	0	1	1	0	1
## 3138	0	0	0	1	0
## 3139	0	0	0	1	0
## 3140	0	0	0	1	0
## 3141	0	0	0	1	1
## 3142	1	0	0	1	0
## 3143	1	1	1	1	1
## 3144	0	0	0	1	0
## 3145	0	0	0	1	0
## 3146	1	0	0	0	0



## 3147	0	0	0	1	0
## 3148	0	0	0	1	1
## 3149	0	0	0	0	0
## 3150	0	0	0	1	1
## 3151	1	0	0	0	0
## 3152	0	0	0	0	0
## 3153	0	0	0	0	0
## 3154	0	0	0	0	1
## 3155	1	0	0	0	1
## 3156	0	0	0	1	0
## 3157	0	0	0	0	0
## 3158	0	0	0	1	0
## 3159	0	1	0	1	0
## 3160	0	0	0	0	0
## 3161	1	1	1	0	1
## 3162	0	0	0	1	0
## 3163	0	0	0	1	0
## 3164	0	0	0	0	0
## 3165	0	0	0	1	1
## 3166	0	0	0	0	1
## 3167	0	0	0	1	1
## 3168	0	0	0	0	1
## 3169	0	0	0	1	0
## 3170	0	0	0	0	0
## 3171	0	0	0	0	0
## 3172	0	0	0	0	0
## 3173	0	0	0	0	0
## 3174	0	0	0	1	0
## 3175	0	0	0	0	1
## 3176	0	0	0	0	0
## 3177	0	0	0	1	0
## 3178	0	0	0	0	1
## 3179	0	0	0	0	0
## 3180	0	1	0	1	0
## 3181	0	0	0	0	0
## 3182	0	0	0	1	0
## 3183	0	1	0	1	0
## 3184	0	0	0	1	0
## 3185	0	0	0	1	0
## 3186	0	0	0	1	0
## 3187	0	0	0	0	0
## 3188	0	0	0	0	0
## 3189	0	0	0	0	1
## 3190	0	0	0	0	0
## 3191	0	0	0	0	0
## 3192	0	0	0	0	1
## 3193	0	0	0	0	0
## 3194	0	0	0	0	1
## 3195	0	0	0	0	0
## 3196	0	0	0	0	0
## 3197	0	0	0	1	1
## 3198	0	0	0	1	0
## 3199	0	0	0	0	1
## 3200	0	0	0	1	0

## 3201	0	0	0	0	0
## 3202	0	0	0	0	0
## 3203	0	1	0	1	0
## 3204	0	0	0	1	0
## 3205	0	0	0	0	0
## 3206	0	0	0	1	1
## 3207	0	0	0	1	1
## 3208	0	0	0	1	1
## 3209	0	0	0	1	0
## 3210	1	0	1	1	1
## 3211	0	1	0	0	0
## 3212	0	0	0	1	0
## 3213	0	0	0	0	0
## 3214	0	0	0	1	0
## 3215	0	0	0	1	0
## 3216	0	0	0	1	0
## 3217	0	0	0	0	0
## 3218	1	0	1	1	1
## 3219	0	0	0	1	0
## 3220	0	0	0	0	0
## 3221	0	0	0	1	0
## 3222	0	1	0	1	0
## 3223	0	0	0	0	0
## 3224	0	0	0	1	0
## 3225	0	1	0	1	0
## 3226	0	0	0	0	1
## 3227	0	0	0	1	1
## 3228	0	0	0	1	0
## 3229	0	0	0	0	1
## 3230	0	0	0	0	0
## 3231	0	0	0	0	1
## 3232	0	1	0	1	0
## 3233	0	0	0	1	0
## 3234	0	0	0	0	0
## 3235	0	0	0	1	0
## 3236	0	0	0	1	0
## 3237	0	0	0	0	1
## 3238	0	0	1	1	1
## 3239	0	0	0	1	0
## 3240	0	0	0	1	0
## 3241	0	0	0	1	0
## 3242	0	0	0	0	0
## 3243	0	0	0	1	0
## 3244	0	0	0	1	0
## 3245	0	0	0	1	0
## 3246	0	0	0	1	1
## 3247	0	0	0	1	0
## 3248	0	0	0	1	1
## 3249	0	0	0	0	0
## 3250	0	0	0	0	0
## 3251	0	1	0	0	1
## 3252	0	0	0	0	1
## 3253	0	0	0	1	0
## 3254	0	0	0	0	1

## 3255	0	0	0	1	0
## 3256	0	0	0	1	1
## 3257	0	0	0	0	0
## 3258	0	0	0	1	0
## 3259	0	1	0	1	0
## 3260	0	0	0	0	1
## 3261	0	0	0	0	0
## 3262	0	0	0	0	0
## 3263	0	0	0	1	0
## 3264	0	0	0	1	0
## 3265	0	0	0	1	0
## 3266	0	0	0	1	0
## 3267	0	0	0	1	1
## 3268	0	0	0	1	0
## 3269	1	0	0	1	0
## 3270	0	0	0	0	0
## 3271	1	0	0	1	0
## 3272	1	0	0	0	1
## 3273	0	0	0	0	0
## 3274	0	0	0	0	0
## 3275	0	0	0	1	0
## 3276	0	0	0	1	0
## 3277	1	0	0	0	0
## 3278	0	0	0	1	0
## 3279	0	0	0	1	0
## 3280	0	0	0	0	0
## 3281	0	0	0	0	0
## 3282	0	0	0	1	1
## 3283	0	0	0	1	0
## 3284	0	0	0	1	0
## 3285	0	0	0	0	1
## 3286	0	0	0	1	0
## 3287	0	0	0	0	1
## 3288	0	0	0	1	0
## 3289	1	0	0	0	0
## 3290	0	0	0	1	1
## 3291	0	0	0	0	0
## 3292	0	0	0	1	0
## 3293	0	1	0	0	0
## 3294	0	1	0	1	0
## 3295	0	0	0	0	0
## 3296	1	0	0	0	0
## 3297	1	0	0	1	0
## 3298	0	0	0	1	1
## 3299	0	0	0	0	0
## 3300	0	0	0	1	0
## 3301	0	0	0	1	0
## 3302	0	0	0	1	1
## 3303	0	0	0	0	0
## 3304	0	0	0	1	1
## 3305	0	0	0	1	0
## 3306	0	0	0	0	0
## 3307	0	0	0	1	0
## 3308	0	0	0	1	0

## 3309	0	0	0	0	1
## 3310	0	0	0	1	0
## 3311	0	0	0	1	1
## 3312	0	0	0	0	0
## 3313	0	0	0	0	0
## 3314	0	0	0	0	0
## 3315	0	0	0	1	0
## 3316	0	0	0	0	0
## 3317	0	0	0	1	0
## 3318	0	0	0	0	0
## 3319	1	0	0	0	0
## 3320	1	0	0	0	1
## 3321	0	0	0	0	1
## 3322	0	0	0	1	0
## 3323	0	0	1	1	1
## 3324	0	0	0	1	0
## 3325	0	1	0	1	0
## 3326	0	0	0	0	0
## 3327	1	0	0	1	0
## 3328	1	1	1	1	1
## 3329	0	0	0	0	0
## 3330	0	0	0	0	1
## 3331	0	0	0	1	0
## 3332	0	0	0	0	1
## 3333	0	0	0	0	1
## 3334	0	0	0	1	0
## 3335	0	0	0	0	0
## 3336	0	0	0	0	0
## 3337	0	0	0	1	0
## 3338	0	0	0	1	0
## 3339	0	1	0	1	0
## 3340	1	0	0	0	0
## 3341	0	0	0	0	0
## 3342	0	1	0	1	0
## 3343	0	0	0	1	1
## 3344	1	0	0	1	0
## 3345	0	0	0	0	1
## 3346	0	0	1	1	1
## 3347	0	0	0	1	1
## 3348	0	0	1	1	1
## 3349	0	0	0	0	0
## 3350	0	0	0	0	0
## 3351	0	0	0	0	0
## 3352	0	0	0	1	0
## 3353	0	0	0	1	0
## 3354	0	0	0	1	1
## 3355	0	0	0	1	0
## 3356	0	0	0	1	1
## 3357	1	0	0	0	0
## 3358	0	1	1	1	1
## 3359	0	0	0	0	0
## 3360	0	0	0	0	0
## 3361	0	0	0	0	0
## 3362	0	0	0	1	1

## 3363	0	0	0	1	0
## 3364	0	0	0	1	0
## 3365	0	0	0	0	0
## 3366	0	0	0	1	0
## 3367	0	0	0	1	1
## 3368	0	0	0	1	0
## 3369	1	0	1	0	1
## 3370	0	0	0	1	0
## 3371	0	1	0	1	0
## 3372	0	0	0	0	0
## 3373	0	0	0	1	0
## 3374	1	0	1	1	1
## 3375	0	0	0	0	0
## 3376	0	0	0	1	0
## 3377	0	0	0	0	0
## 3378	0	0	0	1	0
## 3379	0	0	0	0	1
## 3380	0	0	0	1	0
## 3381	0	0	0	0	1
## 3382	0	0	0	1	1
## 3383	0	1	1	1	0
## 3384	1	0	0	1	0
## 3385	0	1	0	1	0
## 3386	0	1	0	0	0
## 3387	1	0	0	0	0
## 3388	0	0	0	1	0
## 3389	0	0	0	1	0
## 3390	0	0	0	0	0
## 3391	0	0	0	0	0
## 3392	0	0	0	0	0
## 3393	0	0	0	1	0
## 3394	0	0	0	1	1
## 3395	0	0	0	1	0
## 3396	0	0	0	0	0
## 3397	0	0	0	1	1
## 3398	0	0	0	1	0
## 3399	0	0	0	1	1
## 3400	0	0	0	0	0
## 3401	0	0	0	0	0
## 3402	0	0	0	1	1
## 3403	0	0	0	1	1
## 3404	1	0	0	1	0
## 3405	0	0	0	0	0
## 3406	0	0	0	1	0
## 3407	0	0	0	0	1
## 3408	0	0	0	0	0
## 3409	0	0	0	1	0
## 3410	0	0	0	1	1
## 3411	0	0	0	1	0
## 3412	0	0	0	0	0
## 3413	0	0	0	0	0
## 3414	0	0	0	0	1
## 3415	0	0	0	0	0
## 3416	0	0	0	1	1

## 3417	0	0	0	1	0
## 3418	0	0	0	1	1
## 3419	0	0	1	1	1
## 3420	0	0	0	1	1
## 3421	0	0	0	1	1
## 3422	0	0	0	0	1
## 3423	0	0	0	0	1
## 3424	0	0	0	0	0
## 3425	0	0	0	1	1
## 3426	0	0	0	1	0
## 3427	0	0	0	1	0
## 3428	0	0	0	1	0
## 3429	0	0	0	0	0
## 3430	0	0	0	0	1
## 3431	0	0	0	1	1
## 3432	0	1	0	1	0
## 3433	0	0	0	0	1
## 3434	0	1	0	0	0
## 3435	0	0	0	0	0
## 3436	0	1	0	0	0
## 3437	0	0	0	0	0
## 3438	0	1	0	1	0
## 3439	0	0	0	1	0
## 3440	0	0	1	1	1
## 3441	0	0	0	0	1
## 3442	0	1	1	1	1
## 3443	0	0	0	1	0
## 3444	0	0	0	0	0
## 3445	0	0	0	1	0
## 3446	0	0	0	0	1
## 3447	0	0	0	1	0
## 3448	0	0	0	0	0
## 3449	0	0	0	1	1
## 3450	1	1	1	1	0
## 3451	0	0	0	0	1
## 3452	0	0	0	1	1
## 3453	0	0	0	0	0
## 3454	0	0	0	1	0
## 3455	0	0	0	1	0
## 3456	0	0	0	1	1
## 3457	1	0	0	1	0
## 3458	0	0	0	1	0
## 3459	0	0	0	0	1
## 3460	0	0	0	0	0
## 3461	0	0	0	1	1
## 3462	0	0	0	1	0
## 3463	0	1	0	1	0
## 3464	0	0	0	1	0
## 3465	1	0	1	1	1
## 3466	0	0	0	0	0
## 3467	0	0	0	0	1
## 3468	1	0	0	1	0
## 3469	0	0	0	0	1
## 3470	0	0	0	1	0

## 3471	0	0	0	1	1
## 3472	0	0	0	1	0
## 3473	1	0	0	1	0
## 3474	0	1	0	0	0
## 3475	0	0	0	1	0
## 3476	0	0	0	0	0
## 3477	0	1	0	1	0
## 3478	0	0	0	1	1
## 3479	1	0	0	0	0
## 3480	0	0	0	1	0
## 3481	0	1	0	1	0
## 3482	0	0	0	1	0
## 3483	0	1	0	0	0
## 3484	0	0	0	1	0
## 3485	0	0	0	0	0
## 3486	0	0	0	0	0
## 3487	0	0	0	0	1
## 3488	0	0	0	0	1
## 3489	0	0	0	1	0
## 3490	1	1	0	0	0
## 3491	0	0	0	0	0
## 3492	0	0	0	0	1
## 3493	0	0	0	0	1
## 3494	0	0	0	1	0
## 3495	0	0	0	0	0
## 3496	0	0	0	1	0
## 3497	0	0	0	0	0
## 3498	0	0	0	0	0
## 3499	1	0	0	1	0
## 3500	0	0	0	1	0
## 3501	0	0	0	1	1
## 3502	0	1	0	1	0
## 3503	0	0	0	1	0
## 3504	0	0	0	1	0
## 3505	0	1	0	1	0
## 3506	0	0	0	1	1
## 3507	0	0	1	1	1
## 3508	0	0	1	1	1
## 3509	1	0	0	1	0
## 3510	0	0	0	0	0
## 3511	0	0	0	0	0
## 3512	0	0	0	1	0
## 3513	0	0	0	0	1
## 3514	0	0	0	0	0
## 3515	0	0	0	1	0
## 3516	0	0	0	0	0
## 3517	0	0	0	1	0
## 3518	1	0	0	0	1
## 3519	0	0	0	0	0
## 3520	0	1	0	1	0
## 3521	0	0	0	0	0
## 3522	0	0	0	1	0
## 3523	0	0	0	0	0
## 3524	0	0	0	0	1

## 3525	0	0	0	0	0
## 3526	0	0	0	0	0
## 3527	0	0	0	1	0
## 3528	0	0	0	0	0
## 3529	0	0	0	1	0
## 3530	0	0	0	1	1
## 3531	0	1	0	0	0
## 3532	0	0	0	0	1
## 3533	0	0	0	1	1
## 3534	0	0	0	0	0
## 3535	0	0	0	0	1
## 3536	0	0	0	1	1
## 3537	0	0	0	0	0
## 3538	0	0	0	1	0
## 3539	0	0	0	0	0
## 3540	0	0	0	0	0
## 3541	0	1	0	0	1
## 3542	1	0	0	1	0
## 3543	1	0	0	1	0
## 3544	0	0	0	0	0
## 3545	0	0	0	0	0
## 3546	0	0	0	1	0
## 3547	0	0	0	1	1
## 3548	0	0	0	1	0
## 3549	0	0	0	0	1
## 3550	0	0	0	0	0
## 3551	0	0	0	0	0
## 3552	0	0	0	0	0
## 3553	0	0	0	1	1
## 3554	0	0	0	0	0
## 3555	0	1	0	0	0
## 3556	0	0	0	1	0
## 3557	0	1	0	0	1
## 3558	0	0	0	1	1
## 3559	0	0	0	1	0
## 3560	0	0	0	0	0
## 3561	0	0	0	1	0
## 3562	0	0	0	0	0
## 3563	1	1	1	1	0
## 3564	1	0	0	0	0
## 3565	0	0	0	0	0
## 3566	0	0	0	0	1
## 3567	0	0	0	1	1
## 3568	0	0	0	1	0
## 3569	0	0	0	0	1
## 3570	0	1	0	1	0
## 3571	0	0	0	1	1
## 3572	1	0	0	0	0
## 3573	0	0	0	1	1
## 3574	1	0	0	0	1
## 3575	0	0	0	0	1
## 3576	0	0	0	0	0
## 3577	0	0	0	0	0
## 3578	0	0	0	1	0



## 3579	1	0	0	1	0
## 3580	0	1	1	0	1
## 3581	0	0	0	1	1
## 3582	0	0	0	0	1
## 3583	0	0	0	1	0
## 3584	0	0	0	0	0
## 3585	0	0	0	1	0
## 3586	0	0	0	1	0
## 3587	0	0	0	1	0
## 3588	0	0	0	1	0
## 3589	0	0	0	1	0
## 3590	0	0	0	0	0
## 3591	0	0	0	1	1
## 3592	0	0	0	1	1
## 3593	0	0	0	0	0
## 3594	0	0	0	1	0
## 3595	0	0	0	1	0
## 3596	0	0	0	0	0
## 3597	0	0	0	0	0
## 3598	0	0	0	1	0
## 3599	0	0	0	0	0
## 3600	0	0	1	1	1
## 3601	0	0	0	1	0
## 3602	0	1	0	0	0
## 3603	0	0	0	1	1
## 3604	0	0	0	1	1
## 3605	0	0	0	1	0
## 3606	1	0	0	0	0
## 3607	0	0	0	1	1
## 3608	0	0	0	0	0
## 3609	0	0	0	0	0
## 3610	0	0	0	0	1
## 3611	0	0	0	1	0
## 3612	0	0	0	0	0
## 3613	1	1	1	0	1
## 3614	1	0	0	1	0
## 3615	1	0	0	1	0
## 3616	0	0	0	1	1
## 3617	0	0	0	1	0
## 3618	0	0	0	0	0
## 3619	0	0	0	1	0
## 3620	0	0	0	1	0
## 3621	0	0	0	0	0
## 3622	0	0	0	1	0
## 3623	0	0	0	1	1
## 3624	0	0	0	0	0
## 3625	0	0	0	0	0
## 3626	0	0	0	1	0
## 3627	0	0	0	0	0
## 3628	0	0	0	0	1
## 3629	0	0	0	0	1
## 3630	0	0	0	1	1
## 3631	0	0	0	1	0
## 3632	0	0	0	0	0

## 3633	0	0	0	0	1
## 3634	0	0	0	1	0
## 3635	0	0	0	0	0
## 3636	0	0	0	1	0
## 3637	0	0	0	1	0
## 3638	0	0	0	1	0
## 3639	0	0	0	1	0
## 3640	0	1	0	1	0
## 3641	0	0	0	0	1
## 3642	0	0	0	0	0
## 3643	0	1	0	1	0
## 3644	0	0	0	1	1
## 3645	0	0	0	0	0
## 3646	0	1	0	0	1
## 3647	1	0	0	1	0
## 3648	0	0	0	0	1
## 3649	0	0	0	1	0
## 3650	0	0	0	1	0
## 3651	0	0	0	0	0
## 3652	1	0	0	0	1
## 3653	0	0	0	0	1
## 3654	0	0	0	0	1
## 3655	0	0	0	0	0
## 3656	0	0	0	1	0
## 3657	0	1	0	0	0
## 3658	0	0	0	1	1
## 3659	0	0	0	0	0
## 3660	0	0	0	0	0
## 3661	0	0	0	0	0
## 3662	1	1	1	0	1
## 3663	0	0	0	0	0
## 3664	0	0	1	1	1
## 3665	0	0	0	1	0
## 3666	0	1	0	0	0
## 3667	0	0	0	1	0
## 3668	0	0	0	1	0
## 3669	1	0	0	1	0
## 3670	0	0	0	1	1
## 3671	0	0	0	1	0
## 3672	0	0	0	1	0
## 3673	0	0	0	1	0
## 3674	0	0	0	0	1
## 3675	0	1	0	0	0
## 3676	0	0	0	1	0
## 3677	0	0	0	1	0
## 3678	0	0	0	0	1
## 3679	0	0	0	0	0
## 3680	0	0	0	1	0
## 3681	0	0	0	0	0
## 3682	0	0	0	0	0
## 3683	0	0	0	0	0
## 3684	0	1	0	0	0
## 3685	0	0	0	1	0
## 3686	0	0	0	0	0

## 3687	0	0	0	0	0
## 3688	0	0	0	0	0
## 3689	0	1	0	1	0
## 3690	0	0	0	0	1
## 3691	0	0	0	0	0
## 3692	0	0	0	0	1
## 3693	0	0	0	1	0
## 3694	0	0	0	0	0
## 3695	0	0	0	1	0
## 3696	0	0	0	1	0
## 3697	0	0	0	0	1
## 3698	0	0	0	0	0
## 3699	0	1	1	1	1
## 3700	0	0	0	1	1
## 3701	0	1	0	0	0
## 3702	0	0	0	1	0
## 3703	1	0	0	0	0
## 3704	0	1	0	0	0
## 3705	1	0	0	0	0
## 3706	0	0	0	1	0
## 3707	0	0	0	1	0
## 3708	0	0	0	0	0
## 3709	0	0	0	0	0
## 3710	0	1	0	0	0
## 3711	0	0	0	1	1
## 3712	0	0	0	1	0
## 3713	0	0	0	0	0
## 3714	0	0	0	1	1
## 3715	0	0	0	0	1
## 3716	0	0	0	0	1
## 3717	0	0	0	0	0
## 3718	0	0	0	0	0
## 3719	0	0	0	0	1
## 3720	0	0	0	1	0
## 3721	1	0	0	1	0
## 3722	0	1	1	1	1
## 3723	0	0	0	1	0
## 3724	0	0	0	1	0
## 3725	0	0	0	0	0
## 3726	0	0	0	0	0
## 3727	0	0	0	1	0
## 3728	0	1	1	1	1
## 3729	1	0	0	0	0
## 3730	0	0	0	1	0
## 3731	0	0	0	1	0
## 3732	0	0	0	1	0
## 3733	0	0	0	0	0
## 3734	0	0	0	1	0
## 3735	0	0	0	1	0
## 3736	0	0	0	1	0
## 3737	0	0	0	0	0
## 3738	0	0	0	1	0
## 3739	0	0	0	0	1
## 3740	0	0	0	0	0

## 3741	0	0	0	1	1
## 3742	0	0	0	1	0
## 3743	0	0	1	1	1
## 3744	0	0	0	1	1
## 3745	0	0	0	0	0
## 3746	0	0	0	1	0
## 3747	0	1	1	1	1
## 3748	1	0	0	1	0
## 3749	0	0	0	1	0
## 3750	0	0	0	1	0
## 3751	0	0	0	1	0
## 3752	0	0	0	1	0
## 3753	0	0	0	0	1
## 3754	0	0	0	1	1
## 3755	0	0	0	1	1
## 3756	0	0	0	1	0
## 3757	0	0	0	0	0
## 3758	1	0	0	1	0
## 3759	0	0	0	1	0
## 3760	0	0	0	1	1
## 3761	0	0	0	1	1
## 3762	0	0	0	1	0
## 3763	0	0	0	1	0
## 3764	0	0	0	0	1
## 3765	0	0	0	0	0
## 3766	0	0	0	1	0
## 3767	1	0	0	1	0
## 3768	0	0	0	1	1
## 3769	0	0	1	1	1
## 3770	0	0	0	0	0
## 3771	0	0	0	0	0
## 3772	0	0	0	0	1
## 3773	0	0	0	1	0
## 3774	0	1	0	0	0
## 3775	0	0	0	1	0
## 3776	0	0	0	1	1
## 3777	1	0	0	0	1
## 3778	0	0	0	1	0
## 3779	0	0	0	0	0
## 3780	0	0	0	1	1
## 3781	0	0	0	0	0
## 3782	0	0	1	1	1
## 3783	0	1	0	1	0
## 3784	0	0	0	0	0
## 3785	1	0	0	1	0
## 3786	0	0	0	1	0
## 3787	0	0	0	1	0
## 3788	0	1	1	1	0
## 3789	0	0	0	1	1
## 3790	0	0	0	1	1
## 3791	0	0	0	1	1
## 3792	0	0	0	0	0
## 3793	0	0	0	1	0
## 3794	0	0	0	1	0

## 3795	0	1	0	1	0
## 3796	0	0	0	1	0
## 3797	0	1	0	0	0
## 3798	0	0	0	1	0
## 3799	0	0	0	1	1
## 3800	0	0	0	0	1
## 3801	0	0	0	1	0
## 3802	0	0	0	1	1
## 3803	0	0	0	1	0
## 3804	0	0	0	1	0
## 3805	0	0	0	1	0
## 3806	0	0	0	0	0
## 3807	0	0	0	0	0
## 3808	0	0	0	1	1
## 3809	0	0	0	0	0
## 3810	0	1	0	0	0
## 3811	0	0	0	0	0
## 3812	0	0	0	1	0
## 3813	0	0	0	0	1
## 3814	0	0	0	1	0
## 3815	0	0	0	0	0
## 3816	0	0	0	1	0
## 3817	0	0	0	1	1
## 3818	0	0	0	0	0
## 3819	0	0	0	0	0
## 3820	0	0	0	1	0
## 3821	0	0	0	1	1
## 3822	1	0	0	1	0
## 3823	1	0	0	0	0
## 3824	0	0	0	1	0
## 3825	0	1	0	0	1
## 3826	0	0	0	0	1
## 3827	0	0	0	0	0
## 3828	0	0	0	1	0
## 3829	0	0	0	1	0
## 3830	0	0	0	1	1
## 3831	0	1	0	1	0
## 3832	0	0	0	0	0
## 3833	0	0	0	0	1
## 3834	0	0	0	1	0
## 3835	0	0	0	1	0
## 3836	1	1	0	0	0
## 3837	0	0	0	1	1
## 3838	0	0	0	1	0
## 3839	0	1	0	0	0
## 3840	0	0	0	1	0
## 3841	0	0	0	0	0
## 3842	0	0	0	1	0
## 3843	0	0	0	1	0
## 3844	1	0	0	0	1
## 3845	0	0	0	0	0
## 3846	0	0	0	0	0
## 3847	0	0	0	0	0
## 3848	0	0	0	0	0

## 3849	0	0	0	0	1
## 3850	0	1	0	0	0
## 3851	0	0	0	1	0
## 3852	0	0	0	1	0
## 3853	0	1	1	1	1
## 3854	0	0	0	1	0
## 3855	0	0	0	1	0
## 3856	0	1	0	1	0
## 3857	0	0	0	1	0
## 3858	0	0	0	0	0
## 3859	1	0	0	0	1
## 3860	0	0	0	0	0
## 3861	0	0	0	1	1
## 3862	0	0	0	0	0
## 3863	0	0	0	1	0
## 3864	0	0	0	1	0
## 3865	1	0	0	0	1
## 3866	0	0	0	0	0
## 3867	0	1	0	0	1
## 3868	0	0	0	0	0
## 3869	0	0	0	0	0
## 3870	0	0	0	1	1
## 3871	0	0	0	0	0
## 3872	0	0	0	0	1
## 3873	0	0	0	1	0
## 3874	0	0	0	1	0
## 3875	0	0	0	0	0
## 3876	0	0	0	1	1
## 3877	0	0	0	1	0
## 3878	0	0	0	0	0
## 3879	0	0	0	1	1
## 3880	0	0	0	0	0
## 3881	0	0	0	0	0
## 3882	0	1	0	0	0
## 3883	0	0	0	0	1
## 3884	0	0	0	1	0
## 3885	0	0	0	1	1
## 3886	0	0	0	1	0
## 3887	0	0	1	1	1
## 3888	0	1	0	1	0
## 3889	0	0	0	1	1
## 3890	0	0	0	1	0
## 3891	1	0	0	1	0
## 3892	0	0	0	1	0
## 3893	0	0	0	1	0
## 3894	0	0	0	1	0
## 3895	0	0	0	1	1
## 3896	0	0	0	0	0
## 3897	0	0	1	1	1
## 3898	0	0	0	0	0
## 3899	0	0	0	1	0
## 3900	0	0	0	1	1
## 3901	0	1	1	1	1
## 3902	0	0	0	1	0

## 3903	0	0	0	0	1
## 3904	0	0	0	0	0
## 3905	0	0	0	1	1
## 3906	0	0	0	0	0
## 3907	0	0	0	1	0
## 3908	0	0	0	1	0
## 3909	0	0	0	0	0
## 3910	0	0	0	1	0
## 3911	0	0	0	1	0
## 3912	0	0	0	0	1
## 3913	0	0	0	0	0
## 3914	0	0	0	1	0
## 3915	0	0	0	0	0
## 3916	0	0	0	1	1
## 3917	0	0	0	0	0
## 3918	0	0	0	1	0
## 3919	0	1	0	1	0
## 3920	1	0	0	0	0
## 3921	0	1	1	1	1
## 3922	0	0	0	1	0
## 3923	0	0	0	1	0
## 3924	0	1	0	1	0
## 3925	0	0	0	1	0
## 3926	0	0	0	1	0
## 3927	0	0	0	1	0
## 3928	0	0	0	0	1
## 3929	0	0	0	1	0
## 3930	0	0	0	0	0
## 3931	0	0	0	0	0
## 3932	0	0	0	1	0
## 3933	0	0	0	1	0
## 3934	0	0	0	1	0
## 3935	0	0	0	0	1
## 3936	0	0	0	1	0
## 3937	0	1	0	0	0
## 3938	0	0	0	0	1
## 3939	0	0	0	1	0
## 3940	0	0	0	0	1
## 3941	0	0	0	1	0
## 3942	0	0	0	1	1
## 3943	0	0	0	1	0
## 3944	1	0	0	0	0
## 3945	0	0	0	1	0
## 3946	1	0	0	1	0
## 3947	0	0	0	1	0
## 3948	1	0	0	1	0
## 3949	1	0	1	1	1
## 3950	0	0	0	1	1
## 3951	0	0	0	1	0
## 3952	0	0	0	1	0
## 3953	0	1	0	0	1
## 3954	0	0	0	0	0
## 3955	0	0	0	0	0
## 3956	0	0	0	0	0

## 3957	0	0	0	1	1
## 3958	0	0	0	1	0
## 3959	0	0	0	0	0
## 3960	1	0	0	1	0
## 3961	0	0	0	0	0
## 3962	0	0	0	1	0
## 3963	0	0	0	0	0
## 3964	0	0	0	1	0
## 3965	0	0	0	0	0
## 3966	0	0	0	1	0
## 3967	0	0	0	1	0
## 3968	0	0	0	1	0
## 3969	0	0	0	1	1
## 3970	0	0	0	1	0
## 3971	0	0	0	0	1
## 3972	0	0	0	1	1
## 3973	0	0	0	1	1
## 3974	0	0	0	1	0
## 3975	0	0	0	0	0
## 3976	0	0	0	1	0
## 3977	0	0	0	1	0
## 3978	0	1	1	1	1
## 3979	0	0	0	1	0
## 3980	0	1	1	1	1
## 3981	0	0	0	1	0
## 3982	0	1	1	1	1
## 3983	0	0	0	1	0
## 3984	1	0	0	1	0
## 3985	0	0	0	0	0
## 3986	0	0	0	1	0
## 3987	1	0	1	1	1
## 3988	0	0	0	1	1
## 3989	1	0	1	0	1
## 3990	0	1	0	1	0
## 3991	0	0	0	1	0
## 3992	0	0	0	0	0
## 3993	1	0	0	0	0
## 3994	0	0	0	1	0
## 3995	0	0	0	1	1
## 3996	0	0	0	1	1
## 3997	0	0	0	0	1
## 3998	0	0	0	0	0
## 3999	0	0	0	0	1
## 4000	0	0	0	0	0
## 4001	1	0	1	1	1
## 4002	0	0	0	0	0
## 4003	0	0	0	1	0
## 4004	0	0	0	1	1
## 4005	0	0	0	0	0
## 4006	0	1	0	1	0
## 4007	0	0	0	1	0
## 4008	0	0	0	0	1
## 4009	1	0	1	1	1
## 4010	0	0	0	1	0



## 4011	0	0	0	0	0
## 4012	0	0	0	1	0
## 4013	0	0	0	1	0
## 4014	0	0	0	0	0
## 4015	0	0	0	1	1
## 4016	0	0	0	0	1
## 4017	1	0	0	1	0
## 4018	0	0	0	1	0
## 4019	0	0	0	0	1
## 4020	0	0	0	1	0
## 4021	1	0	0	0	1
## 4022	0	0	0	0	1
## 4023	0	0	0	1	0
## 4024	1	0	0	0	0
## 4025	0	0	0	1	0
## 4026	0	0	0	0	1
## 4027	1	0	0	0	0
## 4028	0	0	0	1	0
## 4029	0	0	0	0	0
## 4030	0	1	0	1	0
## 4031	0	0	0	0	0
## 4032	0	0	0	1	0
## 4033	0	0	0	0	1
## 4034	0	0	0	1	0
## 4035	0	0	0	1	1
## 4036	1	0	1	1	0
## 4037	0	0	0	1	0
## 4038	0	0	0	0	0
## 4039	0	0	0	1	0
## 4040	0	0	0	1	1
## 4041	0	0	0	0	0
## 4042	0	1	1	1	1
## 4043	0	0	0	1	1
## 4044	0	0	0	1	1
## 4045	0	1	0	0	0
## 4046	0	0	0	1	0
## 4047	0	0	0	1	0
## 4048	0	0	0	1	0
## 4049	0	1	0	1	0
## 4050	0	0	0	0	0
## 4051	0	0	0	0	0
## 4052	0	0	0	1	1
## 4053	0	0	0	1	0
## 4054	0	0	0	0	0
## 4055	0	0	0	0	0
## 4056	0	0	0	1	1
## 4057	0	0	0	0	0
## 4058	0	0	0	0	0
## 4059	0	0	0	0	0
## 4060	0	0	0	1	0
## 4061	0	0	0	1	1
## 4062	0	0	0	1	0
## 4063	0	0	0	1	0
## 4064	0	0	0	0	1

## 4065	0	0	0	0	0
## 4066	0	0	0	1	0
## 4067	0	0	0	1	0
## 4068	0	0	0	1	0
## 4069	0	0	0	1	0
## 4070	0	0	0	0	0
## 4071	0	1	0	0	0
## 4072	0	0	0	0	1
## 4073	0	0	0	1	0
## 4074	0	0	0	0	0
## 4075	0	0	0	1	0
## 4076	0	0	0	1	0
## 4077	0	0	0	0	0
## 4078	0	1	0	1	0
## 4079	0	0	0	0	0
## 4080	0	0	0	1	0
## 4081	0	0	0	0	1
## 4082	1	0	0	0	1
## 4083	0	0	0	0	0
## 4084	0	0	0	0	0
## 4085	0	1	0	0	0
## 4086	0	0	0	1	0
## 4087	0	1	0	0	0
## 4088	1	0	0	0	0
## 4089	0	0	0	0	0
## 4090	0	0	0	1	0
## 4091	0	1	0	1	0
## 4092	0	0	0	1	1
## 4093	0	0	0	1	0
## 4094	1	0	0	1	0
## 4095	0	1	0	1	0
## 4096	0	0	0	1	0
## 4097	0	0	0	0	0
## 4098	0	0	0	0	0
## 4099	0	0	0	0	0
## 4100	0	0	0	1	1
## 4101	0	0	0	1	0
## 4102	0	0	0	1	1
## 4103	0	0	0	1	1
## 4104	0	0	0	0	1
## 4105	0	0	0	0	0
## 4106	0	0	0	1	0
## 4107	0	0	0	0	0
## 4108	0	0	0	0	1
## 4109	0	1	0	0	1
## 4110	0	0	0	1	1
## 4111	0	0	0	0	0
## 4112	0	0	0	0	0
## 4113	0	0	0	1	0
## 4114	0	0	0	1	0
## 4115	0	0	0	0	0
## 4116	0	0	0	1	0
## 4117	0	0	0	1	0
## 4118	0	1	0	0	0

## 4119	0	0	0	1	1
## 4120	0	0	0	1	0
## 4121	0	0	0	0	0
## 4122	0	0	0	0	1
## 4123	0	0	0	0	0
## 4124	0	0	0	1	0
## 4125	1	0	0	0	0
## 4126	0	0	0	1	1
## 4127	0	0	0	0	0
## 4128	0	0	0	1	1
## 4129	0	0	0	0	0
## 4130	0	0	0	1	1
## 4131	0	0	0	1	0
## 4132	0	0	0	0	0
## 4133	0	0	0	1	0
## 4134	0	0	0	0	1
## 4135	0	0	0	0	0
## 4136	0	0	0	1	0
## 4137	0	0	0	1	0
## 4138	0	0	0	1	0
## 4139	0	1	1	1	1
## 4140	0	0	0	0	0
## 4141	0	0	0	0	0
## 4142	0	0	0	0	0
## 4143	0	0	0	0	0
## 4144	0	0	0	1	0
## 4145	0	0	0	1	1
## 4146	0	0	0	0	0
## 4147	0	0	0	1	0
## 4148	1	1	1	1	1
## 4149	0	0	0	1	0
## 4150	0	0	0	1	0
## 4151	0	0	0	1	0
## 4152	1	0	1	1	1
## 4153	0	0	0	1	0
## 4154	0	0	0	1	0
## 4155	1	0	0	1	0
## 4156	0	0	0	1	1
## 4157	0	0	0	0	0
## 4158	0	0	0	1	0
## 4159	0	0	0	1	1
## 4160	0	0	0	1	1
## 4161	0	0	0	1	1
## 4162	0	0	0	0	0
## 4163	0	0	0	1	1
## 4164	1	0	0	1	0
## 4165	0	0	0	0	1
## 4166	1	0	0	0	0
## 4167	0	0	0	0	0
## 4168	1	0	0	0	0
## 4169	1	0	0	1	0
## 4170	1	0	0	1	0
## 4171	0	0	0	1	1
## 4172	0	0	0	1	0

## 4173	0	0	0	1	0
## 4174	0	0	0	1	0
## 4175	0	0	0	1	0
## 4176	1	0	1	1	1
## 4177	0	0	0	0	1
## 4178	0	0	0	0	1
## 4179	0	0	0	0	0
## 4180	1	0	0	0	0
## 4181	0	1	1	1	1
## 4182	0	0	0	1	0
## 4183	0	0	0	0	1
## 4184	0	0	0	0	0
## 4185	0	0	0	0	0
## 4186	0	0	0	0	0
## 4187	0	0	0	0	1
## 4188	0	0	0	0	1
## 4189	0	0	0	0	0
## 4190	0	0	0	0	0
## 4191	1	1	1	1	0
## 4192	0	0	0	0	0
## 4193	0	0	0	1	0
## 4194	0	0	0	1	0
## 4195	0	0	0	1	0
## 4196	0	0	0	0	0
## 4197	0	0	0	1	0
## 4198	0	1	0	1	0
## 4199	0	0	0	1	0
## 4200	0	0	0	0	1
## 4201	0	0	0	0	1
## 4202	0	0	0	1	0
## 4203	0	0	0	1	0
## 4204	0	0	0	0	0
## 4205	0	0	0	0	0
## 4206	0	0	0	0	0
## 4207	0	0	0	0	0
## 4208	0	0	0	1	1
## 4209	0	0	0	1	0
## 4210	0	0	0	1	0
## 4211	0	0	0	0	0
## 4212	0	0	0	0	0
## 4213	0	0	0	1	0
## 4214	0	0	0	0	0
## 4215	0	1	1	1	1
## 4216	0	0	0	0	0
## 4217	1	0	0	1	0
## 4218	0	0	0	1	1
## 4219	0	0	0	0	1
## 4220	0	0	0	0	0
## 4221	0	1	0	1	0
## 4222	0	0	0	1	0
## 4223	0	0	0	0	0
## 4224	0	0	0	0	1
## 4225	0	1	0	0	1
## 4226	0	0	0	1	0

## 4227	0	0	0	0	0
## 4228	0	1	0	0	0
## 4229	0	0	0	0	0
## 4230	0	0	0	0	0
## 4231	0	0	0	1	1
## 4232	0	0	0	1	0
## 4233	0	0	0	0	0
## 4234	0	0	0	1	0
## 4235	0	0	0	1	0
## 4236	0	0	0	1	0
## 4237	0	0	0	1	1
## 4238	0	1	0	0	0
## 4239	0	0	0	1	0
## 4240	0	0	0	1	0
## 4241	0	1	0	0	0
## 4242	0	0	0	1	1
## 4243	0	0	0	1	0
## 4244	0	0	0	1	0
## 4245	0	0	0	1	0
## 4246	0	0	0	0	1
## 4247	0	0	0	0	0
## 4248	0	0	0	1	0
## 4249	0	1	0	1	0
## 4250	0	0	0	1	0
## 4251	0	0	0	0	1
## 4252	0	0	0	1	0
## 4253	0	0	0	0	0
## 4254	0	0	0	1	1
## 4255	0	0	0	1	0
## 4256	0	0	0	1	0
## 4257	0	0	0	0	0
## 4258	0	0	0	0	1
## 4259	1	0	0	1	0
## 4260	1	0	0	0	1
## 4261	0	0	0	1	0
## 4262	0	0	0	0	0
## 4263	0	0	0	0	0
## 4264	0	0	0	0	0
## 4265	0	1	1	1	1
## 4266	0	1	1	1	0
## 4267	0	0	0	0	1
## 4268	1	0	0	1	0
## 4269	0	0	0	1	0
## 4270	0	0	0	0	0
## 4271	0	0	0	1	1
## 4272	0	0	0	0	0
## 4273	0	0	0	1	0
## 4274	0	1	0	0	1
## 4275	0	0	0	1	0
## 4276	0	0	0	0	0
## 4277	0	0	0	1	1
## 4278	0	0	0	1	0
## 4279	0	0	0	1	1
## 4280	0	0	0	1	1

## 4281	0	1	1	1	1
## 4282	0	0	0	0	1
## 4283	1	1	1	1	0
## 4284	0	0	1	1	1
## 4285	0	0	0	0	0
## 4286	0	0	0	1	0
## 4287	0	0	0	1	1
## 4288	0	0	0	1	1
## 4289	0	0	0	0	1
## 4290	0	0	0	1	0
## 4291	0	0	0	1	0
## 4292	0	0	0	1	0
## 4293	1	0	0	0	0
## 4294	0	0	0	1	1
## 4295	0	0	0	1	0
## 4296	0	0	0	0	0
## 4297	0	0	0	1	0
## 4298	0	0	0	1	0
## 4299	0	0	0	1	0
## 4300	0	0	0	1	0
## 4301	0	0	0	1	0
## 4302	1	0	1	1	0
## 4303	1	0	0	0	0
## 4304	0	0	0	1	1
## 4305	0	0	0	1	0
## 4306	0	1	0	0	0
## 4307	0	0	0	1	0
## 4308	1	0	0	1	0
## 4309	1	0	0	0	0
## 4310	1	0	0	1	0
## 4311	1	0	1	1	1
## 4312	0	0	0	0	0
## 4313	0	0	0	1	0
## 4314	0	0	0	1	1
## 4315	0	0	0	0	0
## 4316	0	0	0	1	0
## 4317	0	1	0	1	0
## 4318	0	0	0	1	0
## 4319	0	0	0	0	1
## 4320	0	0	0	0	1
## 4321	0	0	0	1	0
## 4322	0	0	0	0	1
## 4323	0	0	0	0	0
## 4324	0	1	0	1	0
## 4325	0	0	0	1	0
## 4326	0	0	0	1	1
## 4327	0	0	0	1	0
## 4328	0	0	0	0	1
## 4329	1	1	1	1	0
## 4330	0	0	0	1	0
## 4331	0	0	0	0	0
## 4332	0	1	1	1	1
## 4333	0	0	0	0	1
## 4334	0	0	0	1	0

## 4335	0	0	0	0	0
## 4336	0	0	0	0	1
## 4337	0	0	0	0	0
## 4338	1	0	0	0	0
## 4339	0	0	0	1	0
## 4340	0	0	0	0	1
## 4341	0	1	1	0	1
## 4342	0	0	0	0	0
## 4343	0	1	0	1	0
## 4344	0	1	0	1	0
## 4345	0	0	0	1	0
## 4346	1	0	1	1	1
## 4347	0	0	1	1	1
## 4348	0	0	0	1	0
## 4349	0	0	0	0	0
## 4350	0	0	0	0	0
## 4351	0	0	0	0	1
## 4352	0	0	0	1	1
## 4353	0	0	0	1	0
## 4354	0	0	0	1	1
## 4355	1	0	0	0	0
## 4356	0	0	0	1	0
## 4357	0	0	0	0	0
## 4358	1	1	1	1	1
## 4359	0	0	0	0	0
## 4360	0	0	0	1	0
## 4361	0	0	0	0	0
## 4362	0	0	0	0	1
## 4363	0	0	0	0	0
## 4364	0	0	0	1	0
## 4365	0	1	0	0	0
## 4366	0	0	0	0	0
## 4367	0	0	0	0	0
## 4368	0	0	0	1	1
## 4369	0	1	1	1	1
## 4370	0	0	0	1	1
## 4371	0	0	0	0	0
## 4372	0	0	0	1	0
## 4373	0	0	0	0	0
## 4374	0	0	0	1	0
## 4375	0	0	1	1	1
## 4376	0	0	0	0	0
## 4377	0	0	0	1	0
## 4378	1	0	0	1	0
## 4379	0	0	0	1	0
## 4380	0	0	0	1	0
## 4381	0	0	0	1	0
## 4382	0	0	0	1	0
## 4383	0	1	0	0	0
## 4384	0	0	0	1	0
## 4385	0	0	0	0	1
## 4386	0	0	0	1	1
## 4387	0	0	0	0	0
## 4388	0	0	0	0	0

## 4389	0	0	0	0	0
## 4390	0	1	1	1	1
## 4391	0	0	0	1	0
## 4392	0	0	0	0	1
## 4393	0	0	0	0	0
## 4394	0	0	0	0	0
## 4395	0	0	0	0	0
## 4396	0	0	0	1	1
## 4397	0	0	0	1	0
## 4398	0	0	0	1	0
## 4399	0	0	0	0	0
## 4400	0	0	0	0	0
## 4401	0	0	0	1	0
## 4402	0	0	0	0	1
## 4403	0	1	0	0	0
## 4404	0	0	0	0	0
## 4405	0	0	0	0	0
## 4406	0	0	0	1	0
## 4407	0	0	0	1	0
## 4408	0	0	0	1	1
## 4409	1	0	1	1	1
## 4410	0	0	0	1	0
## 4411	0	0	0	0	0
## 4412	0	0	0	1	1
## 4413	0	0	0	0	0
## 4414	0	0	0	0	1
## 4415	1	1	1	1	0
## 4416	0	0	0	0	1
## 4417	0	0	0	0	0
## 4418	0	0	0	1	0
## 4419	1	0	0	1	0
## 4420	0	0	0	0	0
## 4421	0	0	0	1	0
## 4422	0	0	0	1	1
## 4423	1	0	1	1	1
## 4424	0	1	0	0	0
## 4425	0	0	0	0	1
## 4426	1	0	0	1	0
## 4427	0	0	0	1	0
## 4428	0	0	0	0	0
## 4429	0	1	0	1	0
## 4430	0	0	0	1	0
## 4431	0	0	0	1	1
## 4432	0	0	0	1	0
## 4433	0	0	0	1	0
## 4434	0	0	0	0	1
## 4435	0	0	0	1	0
## 4436	0	0	0	0	0
## 4437	0	0	0	1	0
## 4438	0	0	0	1	0
## 4439	0	0	0	0	0
## 4440	1	0	0	0	1
## 4441	0	0	0	0	0
## 4442	0	0	0	0	0



## 4443	0	0	0	0	1
## 4444	0	0	0	0	0
## 4445	0	0	0	1	1
## 4446	0	0	0	1	1
## 4447	0	0	0	1	1
## 4448	0	0	0	1	0
## 4449	0	0	0	1	0
## 4450	0	0	0	0	1
## 4451	0	0	0	1	0
## 4452	0	0	0	1	0
## 4453	0	0	0	1	0
## 4454	0	0	0	0	0
## 4455	0	0	0	1	0
## 4456	0	1	1	1	1
## 4457	0	0	1	1	1
## 4458	0	0	0	1	0
## 4459	0	0	0	0	0
## 4460	0	0	0	0	0
## 4461	0	0	0	1	0
## 4462	0	0	0	1	0
## 4463	0	0	0	1	1
## 4464	0	0	0	0	0
## 4465	0	0	0	1	1
## 4466	0	0	0	0	1
## 4467	0	0	1	1	1
## 4468	0	0	0	0	0
## 4469	0	0	0	1	1
## 4470	0	1	1	1	1
## 4471	1	0	0	1	0
## 4472	0	0	0	0	0
## 4473	0	0	0	1	0
## 4474	0	0	0	1	1
## 4475	0	0	0	0	0
## 4476	0	0	0	1	0
## 4477	0	0	0	0	0
## 4478	0	0	1	1	1
## 4479	0	0	0	0	0
## 4480	0	0	0	1	0
## 4481	1	0	0	1	0
## 4482	0	0	0	1	0
## 4483	0	0	0	0	0
## 4484	0	0	0	1	1
## 4485	0	0	0	1	1
## 4486	0	0	0	0	0
## 4487	0	0	0	0	1
## 4488	0	0	0	1	1
## 4489	0	0	0	0	0
## 4490	0	0	0	1	0
## 4491	0	1	0	1	0
## 4492	0	0	0	1	0
## 4493	0	0	0	1	1
## 4494	0	0	0	1	1
## 4495	1	0	0	1	0
## 4496	0	0	0	0	0

## 4497	0	0	0	0	0
## 4498	0	1	0	1	0
## 4499	0	0	0	0	0
## 4500	0	0	0	1	1
## 4501	0	0	0	0	1
## 4502	0	1	1	1	1
## 4503	0	0	0	0	0
## 4504	0	0	0	1	0
## 4505	0	0	0	0	0
## 4506	0	1	0	1	0
## 4507	0	0	0	1	1
## 4508	0	0	0	0	1
## 4509	0	0	0	1	1
## 4510	0	0	0	1	0
## 4511	0	0	0	0	0
## 4512	0	0	0	1	1
## 4513	0	0	0	1	1
## 4514	0	0	0	1	0
## 4515	0	0	0	1	0
## 4516	0	0	0	0	0
## 4517	0	0	0	1	0
## 4518	0	0	0	1	0
## 4519	0	0	0	1	0
## 4520	0	0	0	0	1
## 4521	0	0	0	0	0
## 4522	0	0	0	0	0
## 4523	0	0	0	0	0
## 4524	0	0	0	1	0
## 4525	0	0	0	1	1
## 4526	0	0	0	1	1
## 4527	0	1	0	1	0
## 4528	0	0	0	0	1
## 4529	0	0	0	0	0
## 4530	0	0	0	0	0
## 4531	0	0	0	1	0
## 4532	0	0	0	0	1
## 4533	1	0	0	1	0
## 4534	0	0	0	1	0
## 4535	0	0	0	1	0
## 4536	0	0	0	0	0
## 4537	0	0	0	0	0
## 4538	0	0	0	1	1
## 4539	0	0	0	0	0
## 4540	0	0	0	1	0
## 4541	0	0	0	1	0
## 4542	0	0	0	1	0
## 4543	0	1	1	1	1
## 4544	0	0	0	1	0
## 4545	0	0	0	1	0
## 4546	0	0	0	1	0
## 4547	0	1	0	1	0
## 4548	0	0	0	1	0
## 4549	0	0	0	0	0
## 4550	0	0	0	1	0

## 4551	0	0	0	1	0
## 4552	0	0	0	1	0
## 4553	0	0	0	0	0
## 4554	0	0	0	1	0
## 4555	0	1	0	1	0
## 4556	0	0	0	0	0
## 4557	0	1	0	1	0
## 4558	0	0	0	1	0
## 4559	0	0	0	1	1
## 4560	0	0	0	1	0
## 4561	0	0	1	1	1
## 4562	0	0	0	0	0
## 4563	0	0	0	0	1
## 4564	0	1	0	1	0
## 4565	0	0	0	0	0
## 4566	1	0	0	0	1
## 4567	0	0	0	1	0
## 4568	0	1	0	1	0
## 4569	0	1	0	0	0
## 4570	0	1	0	0	0
## 4571	0	0	0	1	0
## 4572	0	0	0	0	0
## 4573	0	0	0	1	0
## 4574	0	0	1	1	1
## 4575	0	0	0	0	1
## 4576	1	0	0	0	0
## 4577	0	0	0	1	1
## 4578	0	0	0	1	1
## 4579	0	0	0	1	1
## 4580	0	0	0	1	0
## 4581	0	0	0	1	0
## 4582	0	0	0	0	1
## 4583	0	0	0	1	0
## 4584	1	0	0	1	0
## 4585	0	0	0	0	0
## 4586	1	0	1	1	1
## 4587	0	0	0	1	1
## 4588	0	0	0	0	0
## 4589	0	0	0	0	1
## 4590	0	0	0	1	0
## 4591	1	0	0	0	0
## 4592	0	0	0	1	0
## 4593	0	0	0	0	0
## 4594	1	0	0	0	1
## 4595	0	0	0	1	0
## 4596	0	0	0	1	0
## 4597	0	0	0	0	0
## 4598	0	0	0	0	0
## 4599	0	0	0	1	0
## 4600	0	0	0	1	0
## 4601	0	0	0	0	0
## 4602	0	0	0	1	0
## 4603	0	0	0	1	1
## 4604	0	0	0	1	0

## 4605	1	0	0	0	1
## 4606	0	0	0	0	0
## 4607	0	0	0	1	0
## 4608	0	0	0	1	1
## 4609	0	0	0	1	0
## 4610	0	0	0	0	0
## 4611	0	0	0	1	0
## 4612	0	0	0	1	0
## 4613	0	0	0	1	0
## 4614	0	0	0	1	1
## 4615	0	0	0	0	0
## 4616	0	0	0	1	0
## 4617	0	0	0	1	1
## 4618	0	0	0	0	1
## 4619	0	0	0	1	0
## 4620	0	0	0	0	0
## 4621	0	0	0	1	0
## 4622	0	1	1	1	1
## 4623	0	0	0	1	0
## 4624	0	0	0	0	0
## 4625	0	0	0	0	0
## 4626	1	0	0	0	0
## 4627	0	0	0	1	0
## 4628	1	0	0	1	0
## 4629	1	0	0	0	0
## 4630	0	0	1	1	1
## 4631	0	0	0	0	0
## 4632	1	0	1	1	1
## 4633	0	0	0	0	1
## 4634	0	0	0	1	0
## 4635	0	0	0	1	0
## 4636	0	1	1	1	1
## 4637	0	0	0	1	0
## 4638	0	0	0	1	1
## 4639	0	0	0	1	0
## 4640	0	0	0	1	1
## 4641	0	0	0	1	0
## 4642	0	0	0	1	1
## 4643	1	0	0	1	0
## 4644	0	0	0	1	0
## 4645	0	0	0	1	0
## 4646	0	0	0	0	0
## 4647	0	0	0	0	0
## 4648	0	0	0	1	0
## 4649	0	0	0	1	0
## 4650	0	0	0	1	0
## 4651	0	0	0	1	0
## 4652	0	0	0	0	0
## 4653	1	0	0	1	0
## 4654	0	0	0	1	1
## 4655	0	0	0	0	0
## 4656	1	0	0	0	0
## 4657	0	1	0	0	0
## 4658	0	0	0	0	1

## 4659	0	0	0	1	1
## 4660	0	0	0	0	0
## 4661	0	0	0	1	0
## 4662	0	1	0	1	0
## 4663	0	0	0	1	0
## 4664	0	0	0	1	0
## 4665	0	0	0	0	0
## 4666	0	0	0	1	0
## 4667	0	0	0	0	0
## 4668	0	0	0	1	0
## 4669	0	0	0	1	0
## 4670	0	0	0	1	1
## 4671	0	0	0	1	0
## 4672	0	0	1	1	1
## 4673	0	0	0	1	0
## 4674	0	0	0	1	1
## 4675	0	1	1	1	1
## 4676	0	0	0	1	1
## 4677	0	1	0	1	0
## 4678	0	0	0	0	0
## 4679	0	0	0	1	0
## 4680	0	0	0	0	0
## 4681	0	0	0	0	0
## 4682	0	0	0	0	1
## 4683	0	0	0	1	0
## 4684	0	0	0	0	0
## 4685	0	0	0	1	0
## 4686	0	0	0	1	0
## 4687	0	0	0	0	0
## 4688	0	0	0	1	1
## 4689	0	0	0	1	1
## 4690	0	0	0	1	1
## 4691	0	0	0	1	0
## 4692	0	0	0	1	0
## 4693	0	0	0	0	1
## 4694	0	0	0	0	0
## 4695	0	0	0	0	0
## 4696	0	0	0	0	1
## 4697	0	0	0	0	0
## 4698	0	0	0	0	0
## 4699	1	0	0	0	0
## 4700	0	0	0	0	1
## 4701	0	0	0	1	0
## 4702	0	0	0	0	0
## 4703	1	1	0	0	0
## 4704	0	0	0	1	0
## 4705	0	0	0	1	0
## 4706	1	0	1	1	1
## 4707	0	0	0	0	0
## 4708	0	1	0	0	1
## 4709	0	0	0	1	0
## 4710	0	0	0	0	1
## 4711	0	0	0	0	1
## 4712	0	0	0	0	0

## 4713	0	0	0	0	1
## 4714	0	0	0	1	0
## 4715	0	1	1	1	1
## 4716	0	0	0	1	0
## 4717	0	1	0	1	0
## 4718	0	0	0	1	0
## 4719	0	1	0	1	0
## 4720	1	0	1	0	1
## 4721	0	1	0	0	0
## 4722	0	1	0	1	0
## 4723	0	0	0	0	0
## 4724	0	0	0	1	1
## 4725	0	0	0	0	0
## 4726	0	0	0	0	0
## 4727	0	1	0	1	0
## 4728	0	0	0	1	1
## 4729	0	0	0	1	0
## 4730	0	0	0	0	0
## 4731	0	0	0	0	1
## 4732	0	0	0	1	1
## 4733	0	0	0	0	0
## 4734	0	0	0	1	0
## 4735	0	0	0	1	1
## 4736	0	0	0	1	0
## 4737	0	0	0	0	0
## 4738	0	0	0	0	0
## 4739	0	0	0	1	0
## 4740	0	0	0	1	1
## 4741	0	0	0	1	0
## 4742	0	0	0	1	0
## 4743	0	0	0	1	1
## 4744	0	0	0	1	0
## 4745	0	0	0	1	0
## 4746	0	0	0	1	1
## 4747	0	0	0	1	0
## 4748	0	0	0	1	0
## 4749	0	0	0	1	0
## 4750	0	0	0	1	0
## 4751	0	0	0	0	1
## 4752	0	0	0	0	1
## 4753	0	0	0	1	0
## 4754	0	1	1	1	1
## 4755	0	0	0	0	0
## 4756	0	0	0	1	0
## 4757	0	1	0	0	0
## 4758	0	0	0	0	0
## 4759	0	0	0	0	0
## 4760	0	0	0	1	0
## 4761	0	0	0	0	1
## 4762	0	0	0	1	1
## 4763	0	0	0	1	0
## 4764	1	0	0	1	0
## 4765	0	0	0	1	1
## 4766	0	0	0	0	0

## 4767	0	0	0	1	0
## 4768	0	1	0	0	0
## 4769	0	0	0	1	0
## 4770	0	0	0	0	0
## 4771	0	0	0	0	1
## 4772	0	0	0	1	0
## 4773	0	0	0	1	0
## 4774	0	0	0	1	0
## 4775	0	0	0	1	1
## 4776	0	0	0	0	0
## 4777	0	0	0	1	0
## 4778	0	0	0	1	0
## 4779	0	0	0	1	1
## 4780	0	0	0	1	0
## 4781	0	0	0	1	0
## 4782	0	1	0	1	0
## 4783	0	0	0	0	1
## 4784	0	0	0	0	0
## 4785	0	0	0	0	0
## 4786	0	1	0	1	0
## 4787	0	0	0	1	1
## 4788	0	0	0	1	0
## 4789	0	0	0	0	0
## 4790	0	0	0	1	0
## 4791	1	0	0	1	0
## 4792	0	0	0	0	1
## 4793	0	0	0	1	0
## 4794	0	0	0	1	0
## 4795	0	0	0	0	0
## 4796	0	0	0	1	0
## 4797	0	1	0	0	0
## 4798	0	0	0	0	0
## 4799	0	0	0	0	1
## 4800	0	0	0	0	1
## 4801	0	0	0	0	0
## 4802	0	0	0	1	0
## 4803	0	0	0	1	0
## 4804	0	0	0	1	0
## 4805	0	0	0	0	0
## 4806	0	0	0	1	0
## 4807	0	0	0	1	0
## 4808	0	0	0	1	1
## 4809	0	0	0	0	1
## 4810	0	0	0	0	0
## 4811	0	0	0	1	0
## 4812	1	0	0	0	0
## 4813	1	0	0	1	0
## 4814	0	0	0	1	1
## 4815	0	0	0	0	1
## 4816	0	0	0	0	1
## 4817	0	0	0	0	1
## 4818	0	0	0	0	0
## 4819	0	0	0	1	0
## 4820	0	0	0	0	0

## 4821	0	1	1	1	1
## 4822	0	0	0	1	1
## 4823	0	0	0	1	0
## 4824	1	1	1	1	1
## 4825	0	0	0	1	0
## 4826	0	0	0	1	0
## 4827	0	0	0	0	0
## 4828	0	0	0	1	0
## 4829	0	0	0	1	0
## 4830	0	0	0	1	1
## 4831	0	0	0	1	0
## 4832	0	0	0	0	1
## 4833	0	0	0	1	1
## 4834	0	0	0	0	0
## 4835	0	0	0	0	0
## 4836	0	0	0	1	0
## 4837	0	0	0	0	1
## 4838	0	0	0	0	0
## 4839	0	0	0	0	1
## 4840	0	0	0	1	0
## 4841	0	0	0	1	0
## 4842	0	0	0	1	0
## 4843	1	0	0	0	0
## 4844	0	0	0	1	0
## 4845	0	0	0	0	0
## 4846	0	0	0	0	0
## 4847	1	0	0	1	0
## 4848	0	0	0	1	0
## 4849	0	0	0	1	0
## 4850	0	0	0	1	1
## 4851	0	1	0	1	0
## 4852	0	0	0	1	0
## 4853	0	1	0	0	1
## 4854	0	0	0	1	0
## 4855	0	0	0	0	1
## 4856	0	0	0	1	0
## 4857	0	0	0	1	0
## 4858	0	0	0	1	1
## 4859	0	0	0	1	0
## 4860	1	0	0	0	0
## 4861	0	0	0	1	0
## 4862	0	0	0	1	0
## 4863	0	0	0	0	0
## 4864	0	0	0	1	0
## 4865	0	0	0	1	0
## 4866	1	0	0	0	1
## 4867	0	0	0	1	1
## 4868	0	0	0	1	0
## 4869	0	0	0	0	1
## 4870	0	0	0	0	1
## 4871	0	0	0	1	1
## 4872	0	0	0	0	0
## 4873	0	0	0	1	1
## 4874	0	0	0	1	0



## 4875	0	0	0	0	0
## 4876	0	0	0	1	0
## 4877	1	0	0	0	0
## 4878	0	0	0	0	0
## 4879	0	0	0	1	0
## 4880	0	0	0	0	0
## 4881	0	0	0	1	0
## 4882	0	0	0	1	0
## 4883	0	1	1	1	1
## 4884	1	0	1	1	1
## 4885	0	0	0	1	1
## 4886	0	0	0	1	0
## 4887	0	0	0	0	0
## 4888	0	0	1	1	1
## 4889	0	0	0	1	0
## 4890	0	0	0	1	0
## 4891	0	0	0	1	0
## 4892	0	1	1	1	1
## 4893	0	1	0	1	0
## 4894	0	1	1	1	1
## 4895	0	1	0	0	0
## 4896	0	0	0	1	1
## 4897	0	0	0	1	0
## 4898	0	0	0	0	0
## 4899	0	0	0	1	0
## 4900	0	0	0	1	0
## 4901	0	0	0	1	0
## 4902	0	0	0	1	0
## 4903	0	0	0	1	0
## 4904	0	0	0	1	1
## 4905	0	0	0	1	1
## 4906	0	0	0	0	0
## 4907	0	0	0	0	0
## 4908	0	0	0	0	0
## 4909	0	0	0	1	0
## 4910	0	0	0	0	1
## 4911	0	0	0	1	0
## 4912	0	0	0	0	0
## 4913	0	1	0	1	0
## 4914	0	0	0	1	0
## 4915	0	0	0	0	1
## 4916	0	0	0	0	1
## 4917	0	0	0	1	0
## 4918	0	1	0	1	0
## 4919	0	0	0	0	1
## 4920	0	0	0	1	1
## 4921	0	0	0	1	1
## 4922	0	0	0	1	1
## 4923	0	0	0	1	1
## 4924	0	0	0	1	1
## 4925	0	0	0	0	0
## 4926	0	0	0	1	0
## 4927	0	0	0	0	1
## 4928	1	0	1	1	1

## 4929	0	0	0	1	0
## 4930	0	0	0	1	0
## 4931	0	0	0	1	0
## 4932	0	0	0	1	0
## 4933	0	0	0	1	0
## 4934	0	0	0	1	1
## 4935	0	0	0	1	1
## 4936	0	0	0	1	0
## 4937	0	0	0	0	0
## 4938	0	0	1	1	1
## 4939	0	0	0	1	0
## 4940	0	0	0	1	1
## 4941	0	0	0	1	0
## 4942	1	0	0	1	0
## 4943	0	0	1	1	1
## 4944	0	0	0	1	0
## 4945	0	0	0	1	0
## 4946	0	0	0	0	1
## 4947	0	0	0	1	0
## 4948	0	0	0	1	1
## 4949	0	0	0	0	1
## 4950	0	0	0	0	1
## 4951	0	0	0	0	1
## 4952	0	0	0	1	1
## 4953	0	0	0	1	0
## 4954	0	0	0	1	0
## 4955	0	0	0	1	1
## 4956	0	0	0	1	1
## 4957	0	1	0	0	1
## 4958	0	0	0	0	1
## 4959	0	0	0	0	0
## 4960	0	1	0	1	0
## 4961	0	0	0	1	0
## 4962	0	0	0	1	1
## 4963	1	0	1	1	1
## 4964	0	0	0	0	0
## 4965	0	0	0	1	0
## 4966	0	0	0	1	0
## 4967	0	0	0	0	0
## 4968	0	0	0	1	0
## 4969	0	0	0	1	1
## 4970	0	0	0	1	0
## 4971	0	0	0	0	1
## 4972	0	1	0	0	0
## 4973	0	0	0	1	1
## 4974	0	0	0	1	0
## 4975	0	0	0	0	1
## 4976	0	0	0	1	0
## 4977	0	0	0	1	1
## 4978	0	0	0	1	0
## 4979	0	0	0	1	0
## 4980	0	0	0	0	1
## 4981	1	0	1	1	1
## 4982	0	0	0	1	0

```
## 4983      0      0      0      0      1
## 4984      0      0      0      0      0
## 4985      0      0      0      0      1
## 4986      0      0      0      1      0
## 4987      0      0      0      0      0
## 4988      0      0      0      1      0
## 4989      0      0      0      0      1
## 4990      0      0      0      1      0
## 4991      0      0      0      0      1
## 4992      0      0      0      0      1
## 4993      0      0      0      0      0
## 4994      0      0      0      1      0
## 4995      0      0      0      1      0
## 4996      0      0      0      1      0
## 4997      0      0      0      1      0
## 4998      0      0      0      0      0
## 4999      0      0      0      1      0
## 5000      0      0      0      1      1
```

#Data partition 60 % training and 40 % into validation

```
set.seed(1)
train.index <- sample(row.names(NB3), 0.6*dim(NB3)[1])
test.index <- setdiff(row.names(NB3), train.index)
train.df <- NB3[train.index, ]
test.df <- NB3[test.index, ]
train <- NB3[train.index, ]
test = NB3[test.index, ]
```

A. Create a pivot table for the training data with Online as a column variable, CC as a row variable, and Loan as a secondary row variable. The values inside the table should convey the count. In R use functions melt() and cast(), or function table().

Pivot table For CreditCard , Personal loan as row variables and Online in column.

```
library(reshape2)
```

```
## Warning: package 'reshape2' was built under R version 4.0.5
```

```
melt = melt(train,id=c("CreditCard","Personal.Loan"),variable= "Online")
```

```
## Warning: attributes are not identical across measure variables; they will be
## dropped
```

```
cast=dcast(melt,CreditCard+Personal.Loan~Online) # dcast is to convert the data in CC , Personal loan
```

```
## Aggregation function missing: defaulting to length
```

```
cast[,c(1:3,14)] # casting column no 14 which online and 1 , 2 , 3 column is credit card and personal l
```

```
##   CreditCard Personal.Loan   ID Online
## 1          0             0 1924   1924
## 2          0             1  198    198
## 3          1             0  801    801
## 4          1             1   77     77
```

B. Consider the task of classifying a customer who owns a bank credit card and is actively using online banking services. Looking at the pivot table, what is the probability that this customer will accept the loan offer? [This is the probability of loan acceptance (Loan = 1) conditional on having a bank credit card (CC = 1) and being an active user of online banking services (Online = 1)].

```
LoanCC1 <- 77/3000 # 77 is the value for Loan and CC =1 as per pivot table. and 300 is the total count
LoanCC1 # which is 26 %.
```

```
## [1] 0.02566667
```

C. Create two separate pivot tables for the training data. One will have Loan (rows) as a function of Online (columns) and the other will have Loan (rows) as a function of CC.

```
melt1 = melt(train,id=c("Personal.Loan"),variable = "Online") # Melting Personal loan and Online data into one
```

```
## Warning: attributes are not identical across measure variables; they will be
## dropped
```

```
melt2 = melt(train,id=c("CreditCard"),variable = "Online") # Melting CreditCard data with reference to online
```

```
## Warning: attributes are not identical across measure variables; they will be
## dropped
```

```
cast1 =dcast(melt1,Personal.Loan~Online) # Casting Personal loan and online values
```

```
## Aggregation function missing: defaulting to length
```

```
cast2=dcast(melt2,CreditCard~Online) # Casting CreditCard loan and online values
```

```
## Aggregation function missing: defaulting to length
```

```
Loanline=cast1[,c(1,13)]
LoanCC = cast2[,c(1,14)]
```

```
Loanline # indicates personal loan count in reference with online
```

```
##   Personal.Loan Online
## 1          0     2725
## 2          1      275
```

```
LoanCC # Indicates Credit Card count in reference with online.
```

```
##      CreditCard Online
## 1           0    2122
## 2           1     878
```

- d. Compute the following quantities [P (A | B) means “the probability of A given B”]: P (CC = 1 | Loan = 1) (the proportion of credit card holders among the loan acceptors) P(Online=1|Loan=1) P (Loan = 1) (the proportion of loan acceptors) P(CC=1|Loan=0) P(Online=1|Loan=0) P(Loan=0)

```
table(train[,c(14,10)])
```

```
##           Personal.Loan
## CreditCard    0      1
##           0 1924   198
##           1   801    77
```

```
table(train[,c(13,10)])
```

```
##           Personal.Loan
## Online      0      1
##           0 1137   109
##           1 1588   166
```

```
table(train[,c(10)])
```

```
##
##      0      1
## 2725   275
```

P (CC = 1 | Loan = 1)

```
CCLoan1 = 77/(77+198) # by referring the above pivot table we can get the CC= 1 and Loan = 1 values
CCLoan1
```

```
## [1] 0.28
```

P(Online=1|Loan=1)

```
ONLoan1 =166/(166+109) # by referring the above pivot table we can get the online = 1 and Loan = 1 values
ONLoan1
```

```
## [1] 0.6036364
```

P (Loan = 1)

```
Loan1 =275/(275+2725) # by referring the above pivot table we can get the Loan = 1 values
Loan1
```

```
## [1] 0.09166667
```

P(CC=1|Loan=0)

```
CCLoan01= 801/(801+1924) # by referring the above pivot table we can get the CC = 1 and Loan = 0 values
CCLoan01
```

```
## [1] 0.293945
```

```
P(Online=1|Loan=0)
```

```
O1L0= 1588/(1588+1137) # by referring the above pivot table we can get the online = 1 and Loan = 0 values
O1L0
```

```
## [1] 0.5827523
```

```
P(Loan=0)
```

```
Loan0= 2725/(2725+275) # by referring the above pivot table we can get the Loan = 0 values
Loan0
```

```
## [1] 0.9083333
```

- e. Use the quantities computed above to compute the naive Ba1 probability  $P(\text{Loan} = 1 \mid \text{CC} = 1, \text{Online} = 1)$ .

```
Naivebayes = ((77/(77+198))*(166/(166+109))*(275/(275+2725)))/(((77/(77+198))*(166/(166+109))*(275/(275+2725))))
Naivebayes # 90 % is the probability
```

```
## [1] 0.09055758
```

- f. Compare this value with the one obtained from the pivot table in (b). Which is a more accurate estimate? 9.05% are very similar to the 9.7% the difference between the exact method and the naive-baise method is the exact method would need the the exact same independent variable classifications to predict, where the naive bayes method does not.

```
library(caret)
```

```
## Warning: package 'caret' was built under R version 4.0.5
```

```
## Loading required package: ggplot2
```

```
## Warning: package 'ggplot2' was built under R version 4.0.5
```

```
## Loading required package: lattice
```

```
library(e1071)
```

```
## Warning: package 'e1071' was built under R version 4.0.5
```

```
naive.train = train.df[,c(10,13:14)]
naive.test = test.df[,c(10,13:14)]
naivebayes = naiveBayes(Personal.Loan~.,data=naive.train)
naivebayes
```

```
##
## Naive Bayes Classifier for Discrete Predictors
##
## Call:
## naiveBayes.default(x = X, y = Y, laplace = laplace)
##
## A-priori probabilities:
## Y
##      0      1
## 0.90833333 0.09166667
##
## Conditional probabilities:
##      Online
## Y      0      1
## 0 0.4172477 0.5827523
## 1 0.3963636 0.6036364
##
##      CreditCard
## Y      0      1
## 0 0.706055 0.293945
## 1 0.720000 0.280000
```

- g. Which of the entries in this table are needed for computing  $P(\text{Loan} = 1 \mid \text{CC} = 1, \text{Online} = 1)$ ? In R, run naive Bayes on the data. Examine the model output on training data, and find the entry that corresponds to  $P(\text{Loan} = 1 \mid \text{CC} = 1, \text{Online} = 1)$ . Compare this to the number you obtained in (e).

Answer:

the naive bayes is the exact same output we recieved in the previous methods.  $(.280)(.603)(.09)/(.280.603.09+.29.58.908) = .09$  which is the same response provided as above.