

Lab 2

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More Basic R Skills

- Create a function `my_reverse` which takes as required input a vector and returns the vector in reverse where the first entry is the last entry, etc. No function calls are allowed inside your function otherwise that would defeat the purpose of the exercise! (Yes, there is a base R function that does this called `rev`). Use `head` on `v` and `tail` on `my_reverse(v)` to verify it works.

```
n=1000
```

```
v = rnorm(n, mean=-10, sd=sqrt(100))
```

```
v
```

```
##      [1] 12.972737385 -8.522297478 -10.184446041 -2.897796338 -28.231687444
##      [6] -3.954480321 -1.834798933 -24.299983207 -25.047240456 10.445197520
##     [11] -1.556996694 -7.023568349 -25.598152780 -17.891952240 -7.378601034
##     [16] -34.088286255 -11.962110968 -4.852721729 -1.577761179 -7.128289535
##     [21] -24.690912671 -1.549104643 -20.884294539 -10.824346524 9.856192945
##     [26] -5.713787649 -10.927517462 -16.456839492 -11.779206268 -6.512016256
##     [31] -13.833922559 1.246393763 -24.872345464 0.008585785 6.266681011
##     [36] 0.480196285 -12.647165624 -17.115270060 -15.397915127 -16.373815808
##     [41] -14.352299773 -3.022100303 -13.617328561 -4.357583825 -20.707125725
##     [46] -8.353814366 -16.366833228 -4.476832063 -13.097688030 -12.532792783
##     [51] -20.382408918 -20.409093914 -13.844157000 -7.805834191 -4.273648598
##     [56] 5.183699825 -16.328158737 -2.407636928 -10.664587253 2.232001572
##     [61] -18.121339933 -7.440045924 -18.607208046 -14.010802628 -5.308642384
##     [66] -3.595827234 0.969596910 -5.418458329 0.519964921 -1.669540943
##     [71] -2.014439529 -5.695227258 -22.109858874 -10.732322729 12.300027587
##     [76] 4.983818074 -18.758633023 6.468273085 -10.861943131 1.963507621
##     [81] -5.024212778 -19.728945869 4.300406353 -4.862881310 -31.430614947
##     [86] -27.668471030 -18.631979387 -3.469859994 -2.561918487 -29.771890297
##     [91] -11.568747383 -15.122062358 9.240364234 9.478682802 -17.390778515
##     [96] -7.136940687 9.406098121 7.146986457 -20.578529080 -13.683523456
##    [101] -13.488611811 -20.812196870 -8.649889954 9.418894220 7.376969996
##    [106] -8.051142729 -4.114079908 -9.834303366 -12.740518411 6.382935978
##    [111] -2.243247627 -0.543168187 -16.814274074 -7.494792506 0.001004945
##    [116] -8.446430318 -3.185455725 -10.246875196 -11.820440855 -28.290637016
##    [121] -11.565914824 -8.826816084 -4.769218426 1.836234305 -13.276573760
##    [126] -21.794808920 -21.202806758 -3.989743378 -15.482015770 -10.946007982
##    [131] -9.604019544 -6.962675945 -12.036185059 -18.017892308 -6.514074439
##    [136] -7.226294831 -22.403529276 -22.862011060 1.277984531 -5.124080780
##    [141] -5.760414928 4.301609213 -22.967936186 -7.020346423 -12.463940206
##    [146] -10.189603677 -28.130933761 -7.061923474 0.673775829 -9.449326855
##    [151] -10.209097579 10.148840409 -20.490912569 -13.853985544 -1.337399546
##    [156] -14.917751918 -3.755930830 -13.396974756 -3.636617604 -9.276023364
```

```

## [161] -14.702931630 -26.283339681 -19.996064372 -6.007572105 6.370580517
## [166] -12.251013117 -0.875518212 2.054892925 -3.060294249 -9.422568112
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## [176] -3.344287406 -11.296585675 -13.207251163 -16.685705367 -4.797168633
## [181] -16.350099737 9.356179790 -17.913003470 -8.083581749 -19.898954322
## [186] -16.935104192 -5.384387555 -24.211959205 -6.078539903 -7.757479100
## [191] -31.492727906 6.654345148 -12.928175699 11.917974555 -17.519619831
## [196] -3.791138797 -20.440508730 -11.209469551 -14.055573539 -10.210021059
## [201] -23.404833650 2.815814750 20.888506330 -16.667708469 -8.753630577
## [206] -3.905461864 -9.444053029 -2.307852206 -15.750035230 -13.531981023
## [211] -28.642309903 -18.320839291 -28.163371019 -9.636337182 -21.541400175
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## [241] -14.621379118 -2.896622075 -21.872606088 -22.717339133 -0.717368825
## [246] -12.220709489 4.711615166 -12.103182219 -21.171140631 -1.101281566
## [251] -11.024332075 -10.208355778 -25.686779984 -15.171363841 2.321267107
## [256] -8.139734015 -3.998724598 -21.447035183 -17.626802140 -0.424935458
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## [266] -14.982403855 -8.697817881 -17.877089694 -1.664890202 17.739399857
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## [321] -10.026772331 -3.310667416 -17.565821732 -8.352764844 -22.712622633
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## [431] -16.641068085 -10.630727676 -3.661220674 -12.619588384 -17.440456654
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## [491] -49.020941620 -7.302434418 0.726273914 1.895325199 -4.490293210
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## [546] 0.691250126 -9.072371420 -25.138101127 -25.573970486 -11.678168916
## [551] -15.279484129 1.128808783 -9.372812674 -9.188612946 12.050756226
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## [586] 5.828741325 -29.747922507 -9.804021540 -16.233971039 -37.479228323
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## [596] -7.570657093 -22.217477186 7.117973397 -11.030078334 -13.952462540
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## [621] -7.468761572 -10.902626741 6.269642192 10.407086748 -23.727275485
## [626] 10.955595736 -6.180966780 1.512283402 -6.347014650 -19.882446685
## [631] -24.962704138 -17.451854622 -4.614483993 -13.521788486 -4.833326416
## [636] -18.850379703 -27.285801951 -17.628693590 -16.792629522 0.938718548
## [641] -11.548856663 -37.988038270 -22.355296388 -17.587241974 -1.840134230
## [646] -19.958291035 -4.823764379 -31.070766558 -2.673366491 -23.926160468
## [651] -12.098482237 8.810833117 -17.750508800 -10.388546786 1.067473859
## [656] -14.491063408 8.653828860 -5.255662350 1.701857781 -23.412001415
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## [671] -21.312615350 -15.759613811 -6.476795848 -16.658874817 3.091473622
## [676] -13.344641356 2.946488499 -5.859295422 -4.680882526 -9.380116693
## [681] -15.686642407 -7.647561563 -26.525537861 21.015007626 -7.700629859
## [686] -24.999427942 2.487964935 -9.033888167 -21.101093702 -4.107511163
## [691] -13.899542037 -18.558162324 -14.241846007 1.658319062 -2.356179321
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## [701] -3.689079202 -15.673306122 -8.793916115 9.054876462 -17.862778173
## [706] -7.649862508 -25.835364499 -9.192519191 -3.581189031 -7.528950447
## [711] -32.180151451 -4.809995032 -11.508166869 15.495544572 -6.894027308
## [716] 3.155834084 -7.044341921 -9.882544871 -9.558116397 15.623770124
## [721] -6.325630108 -6.675090124 -4.850331801 -2.403084254 11.895228681
## [726] -11.352452303 -10.521038303 -7.471532217 -12.537181652 -29.714323818
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## [736] -22.681227813 -12.547761257 -7.582068781 -0.445803604 -19.963393458
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## [746] -7.697625757 -3.764412687 11.624685725 2.540743022 -0.034023215
## [751] -10.125569282 8.810195545 -13.052846718 -12.436775784 -5.487446508
## [756] -27.562293084 10.686906229 -28.467418858 -18.541896014 -39.478680427
## [761] 3.548005374 4.107961065 -17.703789699 -8.314450992 -14.313867275
## [766] -4.544963662 -5.524804458 4.132612544 -5.539952095 2.521079226
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## [776] -19.074613760 -16.750020723 -25.800591719 -10.627815232 15.905608289
## [781] -19.832019335 -26.314811930 -14.836419054 0.016565308 -4.757137462
## [786] -23.427988066 -24.580969587 -10.216781958 -12.269231301 -9.825832057
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## [831] -14.256317486 8.155150548 -20.098526662 -14.001872312 -14.297059384
## [836] 10.097548649 -9.230192208 1.547544190 -6.968347041 -20.548724236
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## [861] 2.805572290 6.398705156 -1.993371049 -16.561459370 -3.588092247
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## [871] -22.109201386 -12.296380454 -29.102238327 -19.112952924 -6.449091610
## [876] 10.616266030 -17.194062598 -19.254147075 -12.902847599 -2.581627944
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## [891] -17.709596825 -7.559401748 -0.509128126 -8.501907090 16.423603313
## [896] 20.390447749 -12.602055932 -12.992315474 -2.023746947 -5.813523980
## [901] -10.429652508 -12.455024390 -11.062565783 -21.283692875 -12.579760587
## [906] -18.672385170 8.249802422 -18.275575383 -18.401274247 -26.093231854
## [911] -24.494328720 11.079493909 -4.339357322 -14.476871944 -10.164252782
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## [921] -26.674113353 -2.789588705 -4.297575702 -24.075546747 8.847811687
## [926] -11.830776332 -10.302969188 -11.372434287 -10.832398734 6.607185722
## [931] -8.226143463 10.188727781 -20.491223059 -5.414948162 -11.465644734
## [936] -12.934245738 -12.933252070 6.640000770 2.860140505 -9.172638367
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## [946] 1.412299183 -14.737065120 -10.784564212 -15.686915710 4.006888744
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## [976] -17.463992455 1.274671711 -6.743945364 -13.634336604 -2.626580889
## [981] -1.280242489 -5.057297521 -15.558003454 -18.479087443 -4.692959062
## [986] 0.584874521 -0.325450706 -10.021041199 -18.694112998 -1.417685792
## [991] -22.169286968 -7.839355333 -9.625782842 1.873150444 4.192463943
## [996] 0.651204385 -2.370027041 -34.041831974 -13.451677706 1.832547989
```

```
my_reverse= function(v){
  n = length(v)
  rev_array = array(NA, n)
  for (num in 1:n){
    rev_array[num] = v[n -num+1]
  }
  rev_array
}
head(v)
```

```
## [1] 12.972737 -8.522297 -10.184446 -2.897796 -28.231687 -3.954480
```

```
tail(my_reverse(v))
```

```
## [1] -3.954480 -28.231687 -2.897796 -10.184446 -8.522297 12.972737
```

- Create a function `flip_matrix` which takes as required input a matrix, an argument `dim_to_rev` that returns the matrix with the rows in reverse order or the columns in reverse order depending on the `dim_to_rev` argument. Let the default be the dimension of the matrix that is greater.

```
flip= matrix(1:100,5,10)
flip_matrix = function(dim_to_rev){
  if(nrow(dim_to_rev) > ncol(dim_to_rev)){
    dim_to_rev[nrow(dim_to_rev):1, ]
  }else{
    dim_to_rev[ , ncol(dim_to_rev):1]
  }
}
flip_matrix(flip)
```

```
##      [,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10]
## [1,] 46 41 36 31 26 21 16 11 6 1
## [2,] 47 42 37 32 27 22 17 12 7 2
## [3,] 48 43 38 33 28 23 18 13 8 3
## [4,] 49 44 39 34 29 24 19 14 9 4
## [5,] 50 45 40 35 30 25 20 15 10 5
```

- Create a list named `my_list` with keys “A”, “B”, ... where the entries are arrays of size 1, 2 x 2, 3 x 3 x 3, etc. Fill the array with the numbers 1, 2, 3, etc. Make 8 entries according to this sequence.

```
keys = letters[1:8]
my_list=list()
for (i in 1:8){
  my_list[keys[i]] = array(1:i,dim=c(rep(i,i)))
}
```

```
## Warning in my_list[keys[i]] <- array(1:i, dim = c(rep(i, i))): number of items
## to replace is not a multiple of replacement length
```

```
## Warning in my_list[keys[i]] <- array(1:i, dim = c(rep(i, i))): number of items
## to replace is not a multiple of replacement length
```

```
## Warning in my_list[keys[i]] <- array(1:i, dim = c(rep(i, i))): number of items
## to replace is not a multiple of replacement length

## Warning in my_list[keys[i]] <- array(1:i, dim = c(rep(i, i))): number of items
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## to replace is not a multiple of replacement length

## Warning in my_list[keys[i]] <- array(1:i, dim = c(rep(i, i))): number of items
## to replace is not a multiple of replacement length

## Warning in my_list[keys[i]] <- array(1:i, dim = c(rep(i, i))): number of items
## to replace is not a multiple of replacement length
```

```
my_list
```

```
## $a
## [1] 1
##
## $b
## [1] 1
##
## $c
## [1] 1
##
## $d
## [1] 1
##
## $e
## [1] 1
##
## $f
## [1] 1
##
## $g
## [1] 1
##
## $h
## [1] 1
```

Run the following code:

```
lapply(my_list, object.size)
```

```
## $a
## 56 bytes
##
## $b
## 56 bytes
##
## $c
## 56 bytes
##
## $d
```

```
## 56 bytes
##
## $e
## 56 bytes
##
## $f
## 56 bytes
##
## $g
## 56 bytes
##
## $h
## 56 bytes
```

Use `?object.size` to read about what these functions do. Then explain the output you see above. For the later arrays, does it make sense given the dimensions of the arrays?

#TO-DO

Now cleanup the namespace by deleting all stored objects and functions:

```
rm(list=ls())
```

A little about strings

- Use the `strsplit` function and `sample` to put the sentences in the string `lorem` below in random order. You will also need to manipulate the output of `strsplit` which is a list. You may need to learn basic concepts of regular expressions.

```
lorem = "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi posuere varius volutpat. Morbi :
rand_list <- strsplit(lorem, ".")
sample(rand_list, length(rand_list), replace=FALSE, prob=NULL)
```

```
## [[1]]
## [1] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [26] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [51] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [76] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [101] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [126] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [151] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [176] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [201] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [226] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [251] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [276] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [301] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [326] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [351] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [376] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [401] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [426] "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""
## [451] "" "" "" ""
```

You have a set of names divided by gender (M / F) and generation (Boomer / GenX / Millenial):

- M / Boomer “Theodore, Bernard, Gene, Herbert, Ray, Tom, Lee, Alfred, Leroy, Eddie”
- M / GenX “Marc, Jamie, Greg, Darryl, Tim, Dean, Jon, Chris, Troy, Jeff”

- M / Millennial “Zachary, Dylan, Christian, Wesley, Seth, Austin, Gabriel, Evan, Casey, Luis”
- F / Boomer “Gloria, Joan, Dorothy, Shirley, Betty, Dianne, Kay, Marjorie, Lorraine, Mildred”
- F / GenX “Tracy, Dawn, Tina, Tammy, Melinda, Tamara, Tracey, Colleen, Sherri, Heidi”
- F / Millennial “Samantha, Alexis, Brittany, Lauren, Taylor, Bethany, Latoya, Candice, Brittney, Cheyenne”

Create a list-within-a-list that will intelligently store this data.

#HINT:

```
list1 <- strsplit("Theodore, Bernard, Gene, Herbert, Ray, Tom, Lee, Alfred, Leroy, Eddie", split = ", ")
list2 <- strsplit("M, F", split = ", ")
list3 <- strsplit("Boomer, GenX, Millennial", split=", ")
set <- list(list1, list2, list3)
```

Dataframe creation

Imagine you are running an experiment with many manipulations. You have 14 levels in the variable “treatment” with levels a, b, c, etc. For each of those manipulations you have 3 submanipulations in a variable named “variation” with levels A, B, C. Then you have “gender” with levels M / F. Then you have “generation” with levels Boomer, GenX, Millennial. Then you will have 6 runs per each of these groups. In each set of 6 you will need to select a name without duplication from the appropriate set of names (from the last question). Create a data frame with columns treatment, variation, gender, generation, name and y that will store all the unique unit information in this experiment. Leave y empty because it will be measured as the experiment is executed.

```
n = 14 * 3 * 2 * 3 * 10
X = data.frame(treatment = rep(NA,n),
               variation = rep(NA,n),
               gender = rep(NA,n),
               generation = rep(NA,n),
               name = rep(NA,n),
               y = rep(NA, n))
X$treatment = rep(letters[1:14], each = n / 14)
X$variation = rep(rep(LETTERS[1:3], each = n / 14 / 3), times = 14)
X$gender = rep(rep(c("M", "F"), each = n / 14 / 3 / 2), times = 14*3)
X$generation = rep(rep(c("Boomer", "GenX", "Millennial"), each = n / 14 / 3 / 2 / 3), times = 14 * 3 * 2)
X$name = rep(unlist(set), times = 14 * 3)
X
```

##	treatment	variation	gender	generation	name	y
## 1	a	A	M	Boomer	Theodore	NA
## 2	a	A	M	Boomer	Bernard	NA
## 3	a	A	M	Boomer	Gene	NA
## 4	a	A	M	Boomer	Herbert	NA
## 5	a	A	M	Boomer	Ray	NA
## 6	a	A	M	Boomer	Tom	NA
## 7	a	A	M	Boomer	Lee	NA
## 8	a	A	M	Boomer	Alfred	NA
## 9	a	A	M	Boomer	Leroy	NA
## 10	a	A	M	Boomer	Eddie	NA
## 11	a	A	M	GenX	M	NA
## 12	a	A	M	GenX	F	NA
## 13	a	A	M	GenX	Boomer	NA
## 14	a	A	M	GenX	GenX	NA
## 15	a	A	M	GenX	Millennial	NA
## 16	a	A	M	GenX	Theodore	NA

## 17	a	A	M	GenX	Bernard NA
## 18	a	A	M	GenX	Gene NA
## 19	a	A	M	GenX	Herbert NA
## 20	a	A	M	GenX	Ray NA
## 21	a	A	M	Millenial	Tom NA
## 22	a	A	M	Millenial	Lee NA
## 23	a	A	M	Millenial	Alfred NA
## 24	a	A	M	Millenial	Leroy NA
## 25	a	A	M	Millenial	Eddie NA
## 26	a	A	M	Millenial	M NA
## 27	a	A	M	Millenial	F NA
## 28	a	A	M	Millenial	Boomer NA
## 29	a	A	M	Millenial	GenX NA
## 30	a	A	M	Millenial	Millenial NA
## 31	a	A	F	Boomer	Theodore NA
## 32	a	A	F	Boomer	Bernard NA
## 33	a	A	F	Boomer	Gene NA
## 34	a	A	F	Boomer	Herbert NA
## 35	a	A	F	Boomer	Ray NA
## 36	a	A	F	Boomer	Tom NA
## 37	a	A	F	Boomer	Lee NA
## 38	a	A	F	Boomer	Alfred NA
## 39	a	A	F	Boomer	Leroy NA
## 40	a	A	F	Boomer	Eddie NA
## 41	a	A	F	GenX	M NA
## 42	a	A	F	GenX	F NA
## 43	a	A	F	GenX	Boomer NA
## 44	a	A	F	GenX	GenX NA
## 45	a	A	F	GenX	Millenial NA
## 46	a	A	F	GenX	Theodore NA
## 47	a	A	F	GenX	Bernard NA
## 48	a	A	F	GenX	Gene NA
## 49	a	A	F	GenX	Herbert NA
## 50	a	A	F	GenX	Ray NA
## 51	a	A	F	Millenial	Tom NA
## 52	a	A	F	Millenial	Lee NA
## 53	a	A	F	Millenial	Alfred NA
## 54	a	A	F	Millenial	Leroy NA
## 55	a	A	F	Millenial	Eddie NA
## 56	a	A	F	Millenial	M NA
## 57	a	A	F	Millenial	F NA
## 58	a	A	F	Millenial	Boomer NA
## 59	a	A	F	Millenial	GenX NA
## 60	a	A	F	Millenial	Millenial NA
## 61	a	B	M	Boomer	Theodore NA
## 62	a	B	M	Boomer	Bernard NA
## 63	a	B	M	Boomer	Gene NA
## 64	a	B	M	Boomer	Herbert NA
## 65	a	B	M	Boomer	Ray NA
## 66	a	B	M	Boomer	Tom NA
## 67	a	B	M	Boomer	Lee NA
## 68	a	B	M	Boomer	Alfred NA
## 69	a	B	M	Boomer	Leroy NA
## 70	a	B	M	Boomer	Eddie NA

## 71	a	B	M	GenX	M NA
## 72	a	B	M	GenX	F NA
## 73	a	B	M	GenX	Boomer NA
## 74	a	B	M	GenX	GenX NA
## 75	a	B	M	GenX	Millenial NA
## 76	a	B	M	GenX	Theodore NA
## 77	a	B	M	GenX	Bernard NA
## 78	a	B	M	GenX	Gene NA
## 79	a	B	M	GenX	Herbert NA
## 80	a	B	M	GenX	Ray NA
## 81	a	B	M	Millenial	Tom NA
## 82	a	B	M	Millenial	Lee NA
## 83	a	B	M	Millenial	Alfred NA
## 84	a	B	M	Millenial	Leroy NA
## 85	a	B	M	Millenial	Eddie NA
## 86	a	B	M	Millenial	M NA
## 87	a	B	M	Millenial	F NA
## 88	a	B	M	Millenial	Boomer NA
## 89	a	B	M	Millenial	GenX NA
## 90	a	B	M	Millenial	Millenial NA
## 91	a	B	F	Boomer	Theodore NA
## 92	a	B	F	Boomer	Bernard NA
## 93	a	B	F	Boomer	Gene NA
## 94	a	B	F	Boomer	Herbert NA
## 95	a	B	F	Boomer	Ray NA
## 96	a	B	F	Boomer	Tom NA
## 97	a	B	F	Boomer	Lee NA
## 98	a	B	F	Boomer	Alfred NA
## 99	a	B	F	Boomer	Leroy NA
## 100	a	B	F	Boomer	Eddie NA
## 101	a	B	F	GenX	M NA
## 102	a	B	F	GenX	F NA
## 103	a	B	F	GenX	Boomer NA
## 104	a	B	F	GenX	GenX NA
## 105	a	B	F	GenX	Millenial NA
## 106	a	B	F	GenX	Theodore NA
## 107	a	B	F	GenX	Bernard NA
## 108	a	B	F	GenX	Gene NA
## 109	a	B	F	GenX	Herbert NA
## 110	a	B	F	GenX	Ray NA
## 111	a	B	F	Millenial	Tom NA
## 112	a	B	F	Millenial	Lee NA
## 113	a	B	F	Millenial	Alfred NA
## 114	a	B	F	Millenial	Leroy NA
## 115	a	B	F	Millenial	Eddie NA
## 116	a	B	F	Millenial	M NA
## 117	a	B	F	Millenial	F NA
## 118	a	B	F	Millenial	Boomer NA
## 119	a	B	F	Millenial	GenX NA
## 120	a	B	F	Millenial	Millenial NA
## 121	a	C	M	Boomer	Theodore NA
## 122	a	C	M	Boomer	Bernard NA
## 123	a	C	M	Boomer	Gene NA
## 124	a	C	M	Boomer	Herbert NA

## 125	a	C	M	Boomer	Ray	NA
## 126	a	C	M	Boomer	Tom	NA
## 127	a	C	M	Boomer	Lee	NA
## 128	a	C	M	Boomer	Alfred	NA
## 129	a	C	M	Boomer	Leroy	NA
## 130	a	C	M	Boomer	Eddie	NA
## 131	a	C	M	GenX	M	NA
## 132	a	C	M	GenX	F	NA
## 133	a	C	M	GenX	Boomer	NA
## 134	a	C	M	GenX	GenX	NA
## 135	a	C	M	GenX	Millennial	NA
## 136	a	C	M	GenX	Theodore	NA
## 137	a	C	M	GenX	Bernard	NA
## 138	a	C	M	GenX	Gene	NA
## 139	a	C	M	GenX	Herbert	NA
## 140	a	C	M	GenX	Ray	NA
## 141	a	C	M	Millennial	Tom	NA
## 142	a	C	M	Millennial	Lee	NA
## 143	a	C	M	Millennial	Alfred	NA
## 144	a	C	M	Millennial	Leroy	NA
## 145	a	C	M	Millennial	Eddie	NA
## 146	a	C	M	Millennial	M	NA
## 147	a	C	M	Millennial	F	NA
## 148	a	C	M	Millennial	Boomer	NA
## 149	a	C	M	Millennial	GenX	NA
## 150	a	C	M	Millennial	Millennial	NA
## 151	a	C	F	Boomer	Theodore	NA
## 152	a	C	F	Boomer	Bernard	NA
## 153	a	C	F	Boomer	Gene	NA
## 154	a	C	F	Boomer	Herbert	NA
## 155	a	C	F	Boomer	Ray	NA
## 156	a	C	F	Boomer	Tom	NA
## 157	a	C	F	Boomer	Lee	NA
## 158	a	C	F	Boomer	Alfred	NA
## 159	a	C	F	Boomer	Leroy	NA
## 160	a	C	F	Boomer	Eddie	NA
## 161	a	C	F	GenX	M	NA
## 162	a	C	F	GenX	F	NA
## 163	a	C	F	GenX	Boomer	NA
## 164	a	C	F	GenX	GenX	NA
## 165	a	C	F	GenX	Millennial	NA
## 166	a	C	F	GenX	Theodore	NA
## 167	a	C	F	GenX	Bernard	NA
## 168	a	C	F	GenX	Gene	NA
## 169	a	C	F	GenX	Herbert	NA
## 170	a	C	F	GenX	Ray	NA
## 171	a	C	F	Millennial	Tom	NA
## 172	a	C	F	Millennial	Lee	NA
## 173	a	C	F	Millennial	Alfred	NA
## 174	a	C	F	Millennial	Leroy	NA
## 175	a	C	F	Millennial	Eddie	NA
## 176	a	C	F	Millennial	M	NA
## 177	a	C	F	Millennial	F	NA
## 178	a	C	F	Millennial	Boomer	NA

## 179	a	C	F	Millenial	GenX	NA
## 180	a	C	F	Millenial	Millenial	NA
## 181	b	A	M	Boomer	Theodore	NA
## 182	b	A	M	Boomer	Bernard	NA
## 183	b	A	M	Boomer	Gene	NA
## 184	b	A	M	Boomer	Herbert	NA
## 185	b	A	M	Boomer	Ray	NA
## 186	b	A	M	Boomer	Tom	NA
## 187	b	A	M	Boomer	Lee	NA
## 188	b	A	M	Boomer	Alfred	NA
## 189	b	A	M	Boomer	Leroy	NA
## 190	b	A	M	Boomer	Eddie	NA
## 191	b	A	M	GenX	M	NA
## 192	b	A	M	GenX	F	NA
## 193	b	A	M	GenX	Boomer	NA
## 194	b	A	M	GenX	GenX	NA
## 195	b	A	M	GenX	Millenial	NA
## 196	b	A	M	GenX	Theodore	NA
## 197	b	A	M	GenX	Bernard	NA
## 198	b	A	M	GenX	Gene	NA
## 199	b	A	M	GenX	Herbert	NA
## 200	b	A	M	GenX	Ray	NA
## 201	b	A	M	Millenial	Tom	NA
## 202	b	A	M	Millenial	Lee	NA
## 203	b	A	M	Millenial	Alfred	NA
## 204	b	A	M	Millenial	Leroy	NA
## 205	b	A	M	Millenial	Eddie	NA
## 206	b	A	M	Millenial	M	NA
## 207	b	A	M	Millenial	F	NA
## 208	b	A	M	Millenial	Boomer	NA
## 209	b	A	M	Millenial	GenX	NA
## 210	b	A	M	Millenial	Millenial	NA
## 211	b	A	F	Boomer	Theodore	NA
## 212	b	A	F	Boomer	Bernard	NA
## 213	b	A	F	Boomer	Gene	NA
## 214	b	A	F	Boomer	Herbert	NA
## 215	b	A	F	Boomer	Ray	NA
## 216	b	A	F	Boomer	Tom	NA
## 217	b	A	F	Boomer	Lee	NA
## 218	b	A	F	Boomer	Alfred	NA
## 219	b	A	F	Boomer	Leroy	NA
## 220	b	A	F	Boomer	Eddie	NA
## 221	b	A	F	GenX	M	NA
## 222	b	A	F	GenX	F	NA
## 223	b	A	F	GenX	Boomer	NA
## 224	b	A	F	GenX	GenX	NA
## 225	b	A	F	GenX	Millenial	NA
## 226	b	A	F	GenX	Theodore	NA
## 227	b	A	F	GenX	Bernard	NA
## 228	b	A	F	GenX	Gene	NA
## 229	b	A	F	GenX	Herbert	NA
## 230	b	A	F	GenX	Ray	NA
## 231	b	A	F	Millenial	Tom	NA
## 232	b	A	F	Millenial	Lee	NA

## 233	b	A	F	Millenial	Alfred	NA
## 234	b	A	F	Millenial	Leroy	NA
## 235	b	A	F	Millenial	Eddie	NA
## 236	b	A	F	Millenial	M	NA
## 237	b	A	F	Millenial	F	NA
## 238	b	A	F	Millenial	Boomer	NA
## 239	b	A	F	Millenial	GenX	NA
## 240	b	A	F	Millenial	Millenial	NA
## 241	b	B	M	Boomer	Theodore	NA
## 242	b	B	M	Boomer	Bernard	NA
## 243	b	B	M	Boomer	Gene	NA
## 244	b	B	M	Boomer	Herbert	NA
## 245	b	B	M	Boomer	Ray	NA
## 246	b	B	M	Boomer	Tom	NA
## 247	b	B	M	Boomer	Lee	NA
## 248	b	B	M	Boomer	Alfred	NA
## 249	b	B	M	Boomer	Leroy	NA
## 250	b	B	M	Boomer	Eddie	NA
## 251	b	B	M	GenX	M	NA
## 252	b	B	M	GenX	F	NA
## 253	b	B	M	GenX	Boomer	NA
## 254	b	B	M	GenX	GenX	NA
## 255	b	B	M	GenX	Millenial	NA
## 256	b	B	M	GenX	Theodore	NA
## 257	b	B	M	GenX	Bernard	NA
## 258	b	B	M	GenX	Gene	NA
## 259	b	B	M	GenX	Herbert	NA
## 260	b	B	M	GenX	Ray	NA
## 261	b	B	M	Millenial	Tom	NA
## 262	b	B	M	Millenial	Lee	NA
## 263	b	B	M	Millenial	Alfred	NA
## 264	b	B	M	Millenial	Leroy	NA
## 265	b	B	M	Millenial	Eddie	NA
## 266	b	B	M	Millenial	M	NA
## 267	b	B	M	Millenial	F	NA
## 268	b	B	M	Millenial	Boomer	NA
## 269	b	B	M	Millenial	GenX	NA
## 270	b	B	M	Millenial	Millenial	NA
## 271	b	B	F	Boomer	Theodore	NA
## 272	b	B	F	Boomer	Bernard	NA
## 273	b	B	F	Boomer	Gene	NA
## 274	b	B	F	Boomer	Herbert	NA
## 275	b	B	F	Boomer	Ray	NA
## 276	b	B	F	Boomer	Tom	NA
## 277	b	B	F	Boomer	Lee	NA
## 278	b	B	F	Boomer	Alfred	NA
## 279	b	B	F	Boomer	Leroy	NA
## 280	b	B	F	Boomer	Eddie	NA
## 281	b	B	F	GenX	M	NA
## 282	b	B	F	GenX	F	NA
## 283	b	B	F	GenX	Boomer	NA
## 284	b	B	F	GenX	GenX	NA
## 285	b	B	F	GenX	Millenial	NA
## 286	b	B	F	GenX	Theodore	NA

## 287	b	B	F	GenX	Bernard NA
## 288	b	B	F	GenX	Gene NA
## 289	b	B	F	GenX	Herbert NA
## 290	b	B	F	GenX	Ray NA
## 291	b	B	F	Millenial	Tom NA
## 292	b	B	F	Millenial	Lee NA
## 293	b	B	F	Millenial	Alfred NA
## 294	b	B	F	Millenial	Leroy NA
## 295	b	B	F	Millenial	Eddie NA
## 296	b	B	F	Millenial	M NA
## 297	b	B	F	Millenial	F NA
## 298	b	B	F	Millenial	Boomer NA
## 299	b	B	F	Millenial	GenX NA
## 300	b	B	F	Millenial	Millenial NA
## 301	b	C	M	Boomer	Theodore NA
## 302	b	C	M	Boomer	Bernard NA
## 303	b	C	M	Boomer	Gene NA
## 304	b	C	M	Boomer	Herbert NA
## 305	b	C	M	Boomer	Ray NA
## 306	b	C	M	Boomer	Tom NA
## 307	b	C	M	Boomer	Lee NA
## 308	b	C	M	Boomer	Alfred NA
## 309	b	C	M	Boomer	Leroy NA
## 310	b	C	M	Boomer	Eddie NA
## 311	b	C	M	GenX	M NA
## 312	b	C	M	GenX	F NA
## 313	b	C	M	GenX	Boomer NA
## 314	b	C	M	GenX	GenX NA
## 315	b	C	M	GenX	Millenial NA
## 316	b	C	M	GenX	Theodore NA
## 317	b	C	M	GenX	Bernard NA
## 318	b	C	M	GenX	Gene NA
## 319	b	C	M	GenX	Herbert NA
## 320	b	C	M	GenX	Ray NA
## 321	b	C	M	Millenial	Tom NA
## 322	b	C	M	Millenial	Lee NA
## 323	b	C	M	Millenial	Alfred NA
## 324	b	C	M	Millenial	Leroy NA
## 325	b	C	M	Millenial	Eddie NA
## 326	b	C	M	Millenial	M NA
## 327	b	C	M	Millenial	F NA
## 328	b	C	M	Millenial	Boomer NA
## 329	b	C	M	Millenial	GenX NA
## 330	b	C	M	Millenial	Millenial NA
## 331	b	C	F	Boomer	Theodore NA
## 332	b	C	F	Boomer	Bernard NA
## 333	b	C	F	Boomer	Gene NA
## 334	b	C	F	Boomer	Herbert NA
## 335	b	C	F	Boomer	Ray NA
## 336	b	C	F	Boomer	Tom NA
## 337	b	C	F	Boomer	Lee NA
## 338	b	C	F	Boomer	Alfred NA
## 339	b	C	F	Boomer	Leroy NA
## 340	b	C	F	Boomer	Eddie NA

## 341	b	C	F	GenX	M NA
## 342	b	C	F	GenX	F NA
## 343	b	C	F	GenX	Boomer NA
## 344	b	C	F	GenX	GenX NA
## 345	b	C	F	GenX	Millennial NA
## 346	b	C	F	GenX	Theodore NA
## 347	b	C	F	GenX	Bernard NA
## 348	b	C	F	GenX	Gene NA
## 349	b	C	F	GenX	Herbert NA
## 350	b	C	F	GenX	Ray NA
## 351	b	C	F	Millennial	Tom NA
## 352	b	C	F	Millennial	Lee NA
## 353	b	C	F	Millennial	Alfred NA
## 354	b	C	F	Millennial	Leroy NA
## 355	b	C	F	Millennial	Eddie NA
## 356	b	C	F	Millennial	M NA
## 357	b	C	F	Millennial	F NA
## 358	b	C	F	Millennial	Boomer NA
## 359	b	C	F	Millennial	GenX NA
## 360	b	C	F	Millennial	Millennial NA
## 361	c	A	M	Boomer	Theodore NA
## 362	c	A	M	Boomer	Bernard NA
## 363	c	A	M	Boomer	Gene NA
## 364	c	A	M	Boomer	Herbert NA
## 365	c	A	M	Boomer	Ray NA
## 366	c	A	M	Boomer	Tom NA
## 367	c	A	M	Boomer	Lee NA
## 368	c	A	M	Boomer	Alfred NA
## 369	c	A	M	Boomer	Leroy NA
## 370	c	A	M	Boomer	Eddie NA
## 371	c	A	M	GenX	M NA
## 372	c	A	M	GenX	F NA
## 373	c	A	M	GenX	Boomer NA
## 374	c	A	M	GenX	GenX NA
## 375	c	A	M	GenX	Millennial NA
## 376	c	A	M	GenX	Theodore NA
## 377	c	A	M	GenX	Bernard NA
## 378	c	A	M	GenX	Gene NA
## 379	c	A	M	GenX	Herbert NA
## 380	c	A	M	GenX	Ray NA
## 381	c	A	M	Millennial	Tom NA
## 382	c	A	M	Millennial	Lee NA
## 383	c	A	M	Millennial	Alfred NA
## 384	c	A	M	Millennial	Leroy NA
## 385	c	A	M	Millennial	Eddie NA
## 386	c	A	M	Millennial	M NA
## 387	c	A	M	Millennial	F NA
## 388	c	A	M	Millennial	Boomer NA
## 389	c	A	M	Millennial	GenX NA
## 390	c	A	M	Millennial	Millennial NA
## 391	c	A	F	Boomer	Theodore NA
## 392	c	A	F	Boomer	Bernard NA
## 393	c	A	F	Boomer	Gene NA
## 394	c	A	F	Boomer	Herbert NA

## 395	c	A	F	Boomer	Ray NA
## 396	c	A	F	Boomer	Tom NA
## 397	c	A	F	Boomer	Lee NA
## 398	c	A	F	Boomer	Alfred NA
## 399	c	A	F	Boomer	Leroy NA
## 400	c	A	F	Boomer	Eddie NA
## 401	c	A	F	GenX	M NA
## 402	c	A	F	GenX	F NA
## 403	c	A	F	GenX	Boomer NA
## 404	c	A	F	GenX	GenX NA
## 405	c	A	F	GenX	Millenial NA
## 406	c	A	F	GenX	Theodore NA
## 407	c	A	F	GenX	Bernard NA
## 408	c	A	F	GenX	Gene NA
## 409	c	A	F	GenX	Herbert NA
## 410	c	A	F	GenX	Ray NA
## 411	c	A	F	Millenial	Tom NA
## 412	c	A	F	Millenial	Lee NA
## 413	c	A	F	Millenial	Alfred NA
## 414	c	A	F	Millenial	Leroy NA
## 415	c	A	F	Millenial	Eddie NA
## 416	c	A	F	Millenial	M NA
## 417	c	A	F	Millenial	F NA
## 418	c	A	F	Millenial	Boomer NA
## 419	c	A	F	Millenial	GenX NA
## 420	c	A	F	Millenial	Millenial NA
## 421	c	B	M	Boomer	Theodore NA
## 422	c	B	M	Boomer	Bernard NA
## 423	c	B	M	Boomer	Gene NA
## 424	c	B	M	Boomer	Herbert NA
## 425	c	B	M	Boomer	Ray NA
## 426	c	B	M	Boomer	Tom NA
## 427	c	B	M	Boomer	Lee NA
## 428	c	B	M	Boomer	Alfred NA
## 429	c	B	M	Boomer	Leroy NA
## 430	c	B	M	Boomer	Eddie NA
## 431	c	B	M	GenX	M NA
## 432	c	B	M	GenX	F NA
## 433	c	B	M	GenX	Boomer NA
## 434	c	B	M	GenX	GenX NA
## 435	c	B	M	GenX	Millenial NA
## 436	c	B	M	GenX	Theodore NA
## 437	c	B	M	GenX	Bernard NA
## 438	c	B	M	GenX	Gene NA
## 439	c	B	M	GenX	Herbert NA
## 440	c	B	M	GenX	Ray NA
## 441	c	B	M	Millenial	Tom NA
## 442	c	B	M	Millenial	Lee NA
## 443	c	B	M	Millenial	Alfred NA
## 444	c	B	M	Millenial	Leroy NA
## 445	c	B	M	Millenial	Eddie NA
## 446	c	B	M	Millenial	M NA
## 447	c	B	M	Millenial	F NA
## 448	c	B	M	Millenial	Boomer NA

## 449	c	B	M	Millenial	GenX	NA
## 450	c	B	M	Millenial	Millenial	NA
## 451	c	B	F	Boomer	Theodore	NA
## 452	c	B	F	Boomer	Bernard	NA
## 453	c	B	F	Boomer	Gene	NA
## 454	c	B	F	Boomer	Herbert	NA
## 455	c	B	F	Boomer	Ray	NA
## 456	c	B	F	Boomer	Tom	NA
## 457	c	B	F	Boomer	Lee	NA
## 458	c	B	F	Boomer	Alfred	NA
## 459	c	B	F	Boomer	Leroy	NA
## 460	c	B	F	Boomer	Eddie	NA
## 461	c	B	F	GenX	M	NA
## 462	c	B	F	GenX	F	NA
## 463	c	B	F	GenX	Boomer	NA
## 464	c	B	F	GenX	GenX	NA
## 465	c	B	F	GenX	Millenial	NA
## 466	c	B	F	GenX	Theodore	NA
## 467	c	B	F	GenX	Bernard	NA
## 468	c	B	F	GenX	Gene	NA
## 469	c	B	F	GenX	Herbert	NA
## 470	c	B	F	GenX	Ray	NA
## 471	c	B	F	Millenial	Tom	NA
## 472	c	B	F	Millenial	Lee	NA
## 473	c	B	F	Millenial	Alfred	NA
## 474	c	B	F	Millenial	Leroy	NA
## 475	c	B	F	Millenial	Eddie	NA
## 476	c	B	F	Millenial	M	NA
## 477	c	B	F	Millenial	F	NA
## 478	c	B	F	Millenial	Boomer	NA
## 479	c	B	F	Millenial	GenX	NA
## 480	c	B	F	Millenial	Millenial	NA
## 481	c	C	M	Boomer	Theodore	NA
## 482	c	C	M	Boomer	Bernard	NA
## 483	c	C	M	Boomer	Gene	NA
## 484	c	C	M	Boomer	Herbert	NA
## 485	c	C	M	Boomer	Ray	NA
## 486	c	C	M	Boomer	Tom	NA
## 487	c	C	M	Boomer	Lee	NA
## 488	c	C	M	Boomer	Alfred	NA
## 489	c	C	M	Boomer	Leroy	NA
## 490	c	C	M	Boomer	Eddie	NA
## 491	c	C	M	GenX	M	NA
## 492	c	C	M	GenX	F	NA
## 493	c	C	M	GenX	Boomer	NA
## 494	c	C	M	GenX	GenX	NA
## 495	c	C	M	GenX	Millenial	NA
## 496	c	C	M	GenX	Theodore	NA
## 497	c	C	M	GenX	Bernard	NA
## 498	c	C	M	GenX	Gene	NA
## 499	c	C	M	GenX	Herbert	NA
## 500	c	C	M	GenX	Ray	NA
## 501	c	C	M	Millenial	Tom	NA
## 502	c	C	M	Millenial	Lee	NA

## 503	c	C	M	Millenial	Alfred	NA
## 504	c	C	M	Millenial	Leroy	NA
## 505	c	C	M	Millenial	Eddie	NA
## 506	c	C	M	Millenial	M	NA
## 507	c	C	M	Millenial	F	NA
## 508	c	C	M	Millenial	Boomer	NA
## 509	c	C	M	Millenial	GenX	NA
## 510	c	C	M	Millenial	Millenial	NA
## 511	c	C	F	Boomer	Theodore	NA
## 512	c	C	F	Boomer	Bernard	NA
## 513	c	C	F	Boomer	Gene	NA
## 514	c	C	F	Boomer	Herbert	NA
## 515	c	C	F	Boomer	Ray	NA
## 516	c	C	F	Boomer	Tom	NA
## 517	c	C	F	Boomer	Lee	NA
## 518	c	C	F	Boomer	Alfred	NA
## 519	c	C	F	Boomer	Leroy	NA
## 520	c	C	F	Boomer	Eddie	NA
## 521	c	C	F	GenX	M	NA
## 522	c	C	F	GenX	F	NA
## 523	c	C	F	GenX	Boomer	NA
## 524	c	C	F	GenX	GenX	NA
## 525	c	C	F	GenX	Millenial	NA
## 526	c	C	F	GenX	Theodore	NA
## 527	c	C	F	GenX	Bernard	NA
## 528	c	C	F	GenX	Gene	NA
## 529	c	C	F	GenX	Herbert	NA
## 530	c	C	F	GenX	Ray	NA
## 531	c	C	F	Millenial	Tom	NA
## 532	c	C	F	Millenial	Lee	NA
## 533	c	C	F	Millenial	Alfred	NA
## 534	c	C	F	Millenial	Leroy	NA
## 535	c	C	F	Millenial	Eddie	NA
## 536	c	C	F	Millenial	M	NA
## 537	c	C	F	Millenial	F	NA
## 538	c	C	F	Millenial	Boomer	NA
## 539	c	C	F	Millenial	GenX	NA
## 540	c	C	F	Millenial	Millenial	NA
## 541	d	A	M	Boomer	Theodore	NA
## 542	d	A	M	Boomer	Bernard	NA
## 543	d	A	M	Boomer	Gene	NA
## 544	d	A	M	Boomer	Herbert	NA
## 545	d	A	M	Boomer	Ray	NA
## 546	d	A	M	Boomer	Tom	NA
## 547	d	A	M	Boomer	Lee	NA
## 548	d	A	M	Boomer	Alfred	NA
## 549	d	A	M	Boomer	Leroy	NA
## 550	d	A	M	Boomer	Eddie	NA
## 551	d	A	M	GenX	M	NA
## 552	d	A	M	GenX	F	NA
## 553	d	A	M	GenX	Boomer	NA
## 554	d	A	M	GenX	GenX	NA
## 555	d	A	M	GenX	Millenial	NA
## 556	d	A	M	GenX	Theodore	NA

## 557	d	A	M	GenX	Bernard NA
## 558	d	A	M	GenX	Gene NA
## 559	d	A	M	GenX	Herbert NA
## 560	d	A	M	GenX	Ray NA
## 561	d	A	M	Millenial	Tom NA
## 562	d	A	M	Millenial	Lee NA
## 563	d	A	M	Millenial	Alfred NA
## 564	d	A	M	Millenial	Leroy NA
## 565	d	A	M	Millenial	Eddie NA
## 566	d	A	M	Millenial	M NA
## 567	d	A	M	Millenial	F NA
## 568	d	A	M	Millenial	Boomer NA
## 569	d	A	M	Millenial	GenX NA
## 570	d	A	M	Millenial	Millenial NA
## 571	d	A	F	Boomer	Theodore NA
## 572	d	A	F	Boomer	Bernard NA
## 573	d	A	F	Boomer	Gene NA
## 574	d	A	F	Boomer	Herbert NA
## 575	d	A	F	Boomer	Ray NA
## 576	d	A	F	Boomer	Tom NA
## 577	d	A	F	Boomer	Lee NA
## 578	d	A	F	Boomer	Alfred NA
## 579	d	A	F	Boomer	Leroy NA
## 580	d	A	F	Boomer	Eddie NA
## 581	d	A	F	GenX	M NA
## 582	d	A	F	GenX	F NA
## 583	d	A	F	GenX	Boomer NA
## 584	d	A	F	GenX	GenX NA
## 585	d	A	F	GenX	Millenial NA
## 586	d	A	F	GenX	Theodore NA
## 587	d	A	F	GenX	Bernard NA
## 588	d	A	F	GenX	Gene NA
## 589	d	A	F	GenX	Herbert NA
## 590	d	A	F	GenX	Ray NA
## 591	d	A	F	Millenial	Tom NA
## 592	d	A	F	Millenial	Lee NA
## 593	d	A	F	Millenial	Alfred NA
## 594	d	A	F	Millenial	Leroy NA
## 595	d	A	F	Millenial	Eddie NA
## 596	d	A	F	Millenial	M NA
## 597	d	A	F	Millenial	F NA
## 598	d	A	F	Millenial	Boomer NA
## 599	d	A	F	Millenial	GenX NA
## 600	d	A	F	Millenial	Millenial NA
## 601	d	B	M	Boomer	Theodore NA
## 602	d	B	M	Boomer	Bernard NA
## 603	d	B	M	Boomer	Gene NA
## 604	d	B	M	Boomer	Herbert NA
## 605	d	B	M	Boomer	Ray NA
## 606	d	B	M	Boomer	Tom NA
## 607	d	B	M	Boomer	Lee NA
## 608	d	B	M	Boomer	Alfred NA
## 609	d	B	M	Boomer	Leroy NA
## 610	d	B	M	Boomer	Eddie NA

## 611	d	B	M	GenX	M NA
## 612	d	B	M	GenX	F NA
## 613	d	B	M	GenX	Boomer NA
## 614	d	B	M	GenX	GenX NA
## 615	d	B	M	GenX	Millennial NA
## 616	d	B	M	GenX	Theodore NA
## 617	d	B	M	GenX	Bernard NA
## 618	d	B	M	GenX	Gene NA
## 619	d	B	M	GenX	Herbert NA
## 620	d	B	M	GenX	Ray NA
## 621	d	B	M	Millennial	Tom NA
## 622	d	B	M	Millennial	Lee NA
## 623	d	B	M	Millennial	Alfred NA
## 624	d	B	M	Millennial	Leroy NA
## 625	d	B	M	Millennial	Eddie NA
## 626	d	B	M	Millennial	M NA
## 627	d	B	M	Millennial	F NA
## 628	d	B	M	Millennial	Boomer NA
## 629	d	B	M	Millennial	GenX NA
## 630	d	B	M	Millennial	Millennial NA
## 631	d	B	F	Boomer	Theodore NA
## 632	d	B	F	Boomer	Bernard NA
## 633	d	B	F	Boomer	Gene NA
## 634	d	B	F	Boomer	Herbert NA
## 635	d	B	F	Boomer	Ray NA
## 636	d	B	F	Boomer	Tom NA
## 637	d	B	F	Boomer	Lee NA
## 638	d	B	F	Boomer	Alfred NA
## 639	d	B	F	Boomer	Leroy NA
## 640	d	B	F	Boomer	Eddie NA
## 641	d	B	F	GenX	M NA
## 642	d	B	F	GenX	F NA
## 643	d	B	F	GenX	Boomer NA
## 644	d	B	F	GenX	GenX NA
## 645	d	B	F	GenX	Millennial NA
## 646	d	B	F	GenX	Theodore NA
## 647	d	B	F	GenX	Bernard NA
## 648	d	B	F	GenX	Gene NA
## 649	d	B	F	GenX	Herbert NA
## 650	d	B	F	GenX	Ray NA
## 651	d	B	F	Millennial	Tom NA
## 652	d	B	F	Millennial	Lee NA
## 653	d	B	F	Millennial	Alfred NA
## 654	d	B	F	Millennial	Leroy NA
## 655	d	B	F	Millennial	Eddie NA
## 656	d	B	F	Millennial	M NA
## 657	d	B	F	Millennial	F NA
## 658	d	B	F	Millennial	Boomer NA
## 659	d	B	F	Millennial	GenX NA
## 660	d	B	F	Millennial	Millennial NA
## 661	d	C	M	Boomer	Theodore NA
## 662	d	C	M	Boomer	Bernard NA
## 663	d	C	M	Boomer	Gene NA
## 664	d	C	M	Boomer	Herbert NA

## 665	d	C	M	Boomer	Ray NA
## 666	d	C	M	Boomer	Tom NA
## 667	d	C	M	Boomer	Lee NA
## 668	d	C	M	Boomer	Alfred NA
## 669	d	C	M	Boomer	Leroy NA
## 670	d	C	M	Boomer	Eddie NA
## 671	d	C	M	GenX	M NA
## 672	d	C	M	GenX	F NA
## 673	d	C	M	GenX	Boomer NA
## 674	d	C	M	GenX	GenX NA
## 675	d	C	M	GenX	Millenial NA
## 676	d	C	M	GenX	Theodore NA
## 677	d	C	M	GenX	Bernard NA
## 678	d	C	M	GenX	Gene NA
## 679	d	C	M	GenX	Herbert NA
## 680	d	C	M	GenX	Ray NA
## 681	d	C	M	Millenial	Tom NA
## 682	d	C	M	Millenial	Lee NA
## 683	d	C	M	Millenial	Alfred NA
## 684	d	C	M	Millenial	Leroy NA
## 685	d	C	M	Millenial	Eddie NA
## 686	d	C	M	Millenial	M NA
## 687	d	C	M	Millenial	F NA
## 688	d	C	M	Millenial	Boomer NA
## 689	d	C	M	Millenial	GenX NA
## 690	d	C	M	Millenial	Millenial NA
## 691	d	C	F	Boomer	Theodore NA
## 692	d	C	F	Boomer	Bernard NA
## 693	d	C	F	Boomer	Gene NA
## 694	d	C	F	Boomer	Herbert NA
## 695	d	C	F	Boomer	Ray NA
## 696	d	C	F	Boomer	Tom NA
## 697	d	C	F	Boomer	Lee NA
## 698	d	C	F	Boomer	Alfred NA
## 699	d	C	F	Boomer	Leroy NA
## 700	d	C	F	Boomer	Eddie NA
## 701	d	C	F	GenX	M NA
## 702	d	C	F	GenX	F NA
## 703	d	C	F	GenX	Boomer NA
## 704	d	C	F	GenX	GenX NA
## 705	d	C	F	GenX	Millenial NA
## 706	d	C	F	GenX	Theodore NA
## 707	d	C	F	GenX	Bernard NA
## 708	d	C	F	GenX	Gene NA
## 709	d	C	F	GenX	Herbert NA
## 710	d	C	F	GenX	Ray NA
## 711	d	C	F	Millenial	Tom NA
## 712	d	C	F	Millenial	Lee NA
## 713	d	C	F	Millenial	Alfred NA
## 714	d	C	F	Millenial	Leroy NA
## 715	d	C	F	Millenial	Eddie NA
## 716	d	C	F	Millenial	M NA
## 717	d	C	F	Millenial	F NA
## 718	d	C	F	Millenial	Boomer NA

## 719	d	C	F	Millenial	GenX	NA
## 720	d	C	F	Millenial	Millenial	NA
## 721	e	A	M	Boomer	Theodore	NA
## 722	e	A	M	Boomer	Bernard	NA
## 723	e	A	M	Boomer	Gene	NA
## 724	e	A	M	Boomer	Herbert	NA
## 725	e	A	M	Boomer	Ray	NA
## 726	e	A	M	Boomer	Tom	NA
## 727	e	A	M	Boomer	Lee	NA
## 728	e	A	M	Boomer	Alfred	NA
## 729	e	A	M	Boomer	Leroy	NA
## 730	e	A	M	Boomer	Eddie	NA
## 731	e	A	M	GenX	M	NA
## 732	e	A	M	GenX	F	NA
## 733	e	A	M	GenX	Boomer	NA
## 734	e	A	M	GenX	GenX	NA
## 735	e	A	M	GenX	Millenial	NA
## 736	e	A	M	GenX	Theodore	NA
## 737	e	A	M	GenX	Bernard	NA
## 738	e	A	M	GenX	Gene	NA
## 739	e	A	M	GenX	Herbert	NA
## 740	e	A	M	GenX	Ray	NA
## 741	e	A	M	Millenial	Tom	NA
## 742	e	A	M	Millenial	Lee	NA
## 743	e	A	M	Millenial	Alfred	NA
## 744	e	A	M	Millenial	Leroy	NA
## 745	e	A	M	Millenial	Eddie	NA
## 746	e	A	M	Millenial	M	NA
## 747	e	A	M	Millenial	F	NA
## 748	e	A	M	Millenial	Boomer	NA
## 749	e	A	M	Millenial	GenX	NA
## 750	e	A	M	Millenial	Millenial	NA
## 751	e	A	F	Boomer	Theodore	NA
## 752	e	A	F	Boomer	Bernard	NA
## 753	e	A	F	Boomer	Gene	NA
## 754	e	A	F	Boomer	Herbert	NA
## 755	e	A	F	Boomer	Ray	NA
## 756	e	A	F	Boomer	Tom	NA
## 757	e	A	F	Boomer	Lee	NA
## 758	e	A	F	Boomer	Alfred	NA
## 759	e	A	F	Boomer	Leroy	NA
## 760	e	A	F	Boomer	Eddie	NA
## 761	e	A	F	GenX	M	NA
## 762	e	A	F	GenX	F	NA
## 763	e	A	F	GenX	Boomer	NA
## 764	e	A	F	GenX	GenX	NA
## 765	e	A	F	GenX	Millenial	NA
## 766	e	A	F	GenX	Theodore	NA
## 767	e	A	F	GenX	Bernard	NA
## 768	e	A	F	GenX	Gene	NA
## 769	e	A	F	GenX	Herbert	NA
## 770	e	A	F	GenX	Ray	NA
## 771	e	A	F	Millenial	Tom	NA
## 772	e	A	F	Millenial	Lee	NA

## 773	e	A	F	Millenial	Alfred	NA
## 774	e	A	F	Millenial	Leroy	NA
## 775	e	A	F	Millenial	Eddie	NA
## 776	e	A	F	Millenial	M	NA
## 777	e	A	F	Millenial	F	NA
## 778	e	A	F	Millenial	Boomer	NA
## 779	e	A	F	Millenial	GenX	NA
## 780	e	A	F	Millenial	Millenial	NA
## 781	e	B	M	Boomer	Theodore	NA
## 782	e	B	M	Boomer	Bernard	NA
## 783	e	B	M	Boomer	Gene	NA
## 784	e	B	M	Boomer	Herbert	NA
## 785	e	B	M	Boomer	Ray	NA
## 786	e	B	M	Boomer	Tom	NA
## 787	e	B	M	Boomer	Lee	NA
## 788	e	B	M	Boomer	Alfred	NA
## 789	e	B	M	Boomer	Leroy	NA
## 790	e	B	M	Boomer	Eddie	NA
## 791	e	B	M	GenX	M	NA
## 792	e	B	M	GenX	F	NA
## 793	e	B	M	GenX	Boomer	NA
## 794	e	B	M	GenX	GenX	NA
## 795	e	B	M	GenX	Millenial	NA
## 796	e	B	M	GenX	Theodore	NA
## 797	e	B	M	GenX	Bernard	NA
## 798	e	B	M	GenX	Gene	NA
## 799	e	B	M	GenX	Herbert	NA
## 800	e	B	M	GenX	Ray	NA
## 801	e	B	M	Millenial	Tom	NA
## 802	e	B	M	Millenial	Lee	NA
## 803	e	B	M	Millenial	Alfred	NA
## 804	e	B	M	Millenial	Leroy	NA
## 805	e	B	M	Millenial	Eddie	NA
## 806	e	B	M	Millenial	M	NA
## 807	e	B	M	Millenial	F	NA
## 808	e	B	M	Millenial	Boomer	NA
## 809	e	B	M	Millenial	GenX	NA
## 810	e	B	M	Millenial	Millenial	NA
## 811	e	B	F	Boomer	Theodore	NA
## 812	e	B	F	Boomer	Bernard	NA
## 813	e	B	F	Boomer	Gene	NA
## 814	e	B	F	Boomer	Herbert	NA
## 815	e	B	F	Boomer	Ray	NA
## 816	e	B	F	Boomer	Tom	NA
## 817	e	B	F	Boomer	Lee	NA
## 818	e	B	F	Boomer	Alfred	NA
## 819	e	B	F	Boomer	Leroy	NA
## 820	e	B	F	Boomer	Eddie	NA
## 821	e	B	F	GenX	M	NA
## 822	e	B	F	GenX	F	NA
## 823	e	B	F	GenX	Boomer	NA
## 824	e	B	F	GenX	GenX	NA
## 825	e	B	F	GenX	Millenial	NA
## 826	e	B	F	GenX	Theodore	NA

## 827	e	B	F	GenX	Bernard NA
## 828	e	B	F	GenX	Gene NA
## 829	e	B	F	GenX	Herbert NA
## 830	e	B	F	GenX	Ray NA
## 831	e	B	F	Millenial	Tom NA
## 832	e	B	F	Millenial	Lee NA
## 833	e	B	F	Millenial	Alfred NA
## 834	e	B	F	Millenial	Leroy NA
## 835	e	B	F	Millenial	Eddie NA
## 836	e	B	F	Millenial	M NA
## 837	e	B	F	Millenial	F NA
## 838	e	B	F	Millenial	Boomer NA
## 839	e	B	F	Millenial	GenX NA
## 840	e	B	F	Millenial	Millenial NA
## 841	e	C	M	Boomer	Theodore NA
## 842	e	C	M	Boomer	Bernard NA
## 843	e	C	M	Boomer	Gene NA
## 844	e	C	M	Boomer	Herbert NA
## 845	e	C	M	Boomer	Ray NA
## 846	e	C	M	Boomer	Tom NA
## 847	e	C	M	Boomer	Lee NA
## 848	e	C	M	Boomer	Alfred NA
## 849	e	C	M	Boomer	Leroy NA
## 850	e	C	M	Boomer	Eddie NA
## 851	e	C	M	GenX	M NA
## 852	e	C	M	GenX	F NA
## 853	e	C	M	GenX	Boomer NA
## 854	e	C	M	GenX	GenX NA
## 855	e	C	M	GenX	Millenial NA
## 856	e	C	M	GenX	Theodore NA
## 857	e	C	M	GenX	Bernard NA
## 858	e	C	M	GenX	Gene NA
## 859	e	C	M	GenX	Herbert NA
## 860	e	C	M	GenX	Ray NA
## 861	e	C	M	Millenial	Tom NA
## 862	e	C	M	Millenial	Lee NA
## 863	e	C	M	Millenial	Alfred NA
## 864	e	C	M	Millenial	Leroy NA
## 865	e	C	M	Millenial	Eddie NA
## 866	e	C	M	Millenial	M NA
## 867	e	C	M	Millenial	F NA
## 868	e	C	M	Millenial	Boomer NA
## 869	e	C	M	Millenial	GenX NA
## 870	e	C	M	Millenial	Millenial NA
## 871	e	C	F	Boomer	Theodore NA
## 872	e	C	F	Boomer	Bernard NA
## 873	e	C	F	Boomer	Gene NA
## 874	e	C	F	Boomer	Herbert NA
## 875	e	C	F	Boomer	Ray NA
## 876	e	C	F	Boomer	Tom NA
## 877	e	C	F	Boomer	Lee NA
## 878	e	C	F	Boomer	Alfred NA
## 879	e	C	F	Boomer	Leroy NA
## 880	e	C	F	Boomer	Eddie NA

## 881	e	C	F	GenX	M NA
## 882	e	C	F	GenX	F NA
## 883	e	C	F	GenX	Boomer NA
## 884	e	C	F	GenX	GenX NA
## 885	e	C	F	GenX	Millennial NA
## 886	e	C	F	GenX	Theodore NA
## 887	e	C	F	GenX	Bernard NA
## 888	e	C	F	GenX	Gene NA
## 889	e	C	F	GenX	Herbert NA
## 890	e	C	F	GenX	Ray NA
## 891	e	C	F	Millennial	Tom NA
## 892	e	C	F	Millennial	Lee NA
## 893	e	C	F	Millennial	Alfred NA
## 894	e	C	F	Millennial	Leroy NA
## 895	e	C	F	Millennial	Eddie NA
## 896	e	C	F	Millennial	M NA
## 897	e	C	F	Millennial	F NA
## 898	e	C	F	Millennial	Boomer NA
## 899	e	C	F	Millennial	GenX NA
## 900	e	C	F	Millennial	Millennial NA
## 901	f	A	M	Boomer	Theodore NA
## 902	f	A	M	Boomer	Bernard NA
## 903	f	A	M	Boomer	Gene NA
## 904	f	A	M	Boomer	Herbert NA
## 905	f	A	M	Boomer	Ray NA
## 906	f	A	M	Boomer	Tom NA
## 907	f	A	M	Boomer	Lee NA
## 908	f	A	M	Boomer	Alfred NA
## 909	f	A	M	Boomer	Leroy NA
## 910	f	A	M	Boomer	Eddie NA
## 911	f	A	M	GenX	M NA
## 912	f	A	M	GenX	F NA
## 913	f	A	M	GenX	Boomer NA
## 914	f	A	M	GenX	GenX NA
## 915	f	A	M	GenX	Millennial NA
## 916	f	A	M	GenX	Theodore NA
## 917	f	A	M	GenX	Bernard NA
## 918	f	A	M	GenX	Gene NA
## 919	f	A	M	GenX	Herbert NA
## 920	f	A	M	GenX	Ray NA
## 921	f	A	M	Millennial	Tom NA
## 922	f	A	M	Millennial	Lee NA
## 923	f	A	M	Millennial	Alfred NA
## 924	f	A	M	Millennial	Leroy NA
## 925	f	A	M	Millennial	Eddie NA
## 926	f	A	M	Millennial	M NA
## 927	f	A	M	Millennial	F NA
## 928	f	A	M	Millennial	Boomer NA
## 929	f	A	M	Millennial	GenX NA
## 930	f	A	M	Millennial	Millennial NA
## 931	f	A	F	Boomer	Theodore NA
## 932	f	A	F	Boomer	Bernard NA
## 933	f	A	F	Boomer	Gene NA
## 934	f	A	F	Boomer	Herbert NA

## 935	f	A	F	Boomer	Ray	NA
## 936	f	A	F	Boomer	Tom	NA
## 937	f	A	F	Boomer	Lee	NA
## 938	f	A	F	Boomer	Alfred	NA
## 939	f	A	F	Boomer	Leroy	NA
## 940	f	A	F	Boomer	Eddie	NA
## 941	f	A	F	GenX	M	NA
## 942	f	A	F	GenX	F	NA
## 943	f	A	F	GenX	Boomer	NA
## 944	f	A	F	GenX	GenX	NA
## 945	f	A	F	GenX	Millennial	NA
## 946	f	A	F	GenX	Theodore	NA
## 947	f	A	F	GenX	Bernard	NA
## 948	f	A	F	GenX	Gene	NA
## 949	f	A	F	GenX	Herbert	NA
## 950	f	A	F	GenX	Ray	NA
## 951	f	A	F	Millennial	Tom	NA
## 952	f	A	F	Millennial	Lee	NA
## 953	f	A	F	Millennial	Alfred	NA
## 954	f	A	F	Millennial	Leroy	NA
## 955	f	A	F	Millennial	Eddie	NA
## 956	f	A	F	Millennial	M	NA
## 957	f	A	F	Millennial	F	NA
## 958	f	A	F	Millennial	Boomer	NA
## 959	f	A	F	Millennial	GenX	NA
## 960	f	A	F	Millennial	Millennial	NA
## 961	f	B	M	Boomer	Theodore	NA
## 962	f	B	M	Boomer	Bernard	NA
## 963	f	B	M	Boomer	Gene	NA
## 964	f	B	M	Boomer	Herbert	NA
## 965	f	B	M	Boomer	Ray	NA
## 966	f	B	M	Boomer	Tom	NA
## 967	f	B	M	Boomer	Lee	NA
## 968	f	B	M	Boomer	Alfred	NA
## 969	f	B	M	Boomer	Leroy	NA
## 970	f	B	M	Boomer	Eddie	NA
## 971	f	B	M	GenX	M	NA
## 972	f	B	M	GenX	F	NA
## 973	f	B	M	GenX	Boomer	NA
## 974	f	B	M	GenX	GenX	NA
## 975	f	B	M	GenX	Millennial	NA
## 976	f	B	M	GenX	Theodore	NA
## 977	f	B	M	GenX	Bernard	NA
## 978	f	B	M	GenX	Gene	NA
## 979	f	B	M	GenX	Herbert	NA
## 980	f	B	M	GenX	Ray	NA
## 981	f	B	M	Millennial	Tom	NA
## 982	f	B	M	Millennial	Lee	NA
## 983	f	B	M	Millennial	Alfred	NA
## 984	f	B	M	Millennial	Leroy	NA
## 985	f	B	M	Millennial	Eddie	NA
## 986	f	B	M	Millennial	M	NA
## 987	f	B	M	Millennial	F	NA
## 988	f	B	M	Millennial	Boomer	NA

## 989	f	B	M	Millenial	GenX	NA
## 990	f	B	M	Millenial	Millenial	NA
## 991	f	B	F	Boomer	Theodore	NA
## 992	f	B	F	Boomer	Bernard	NA
## 993	f	B	F	Boomer	Gene	NA
## 994	f	B	F	Boomer	Herbert	NA
## 995	f	B	F	Boomer	Ray	NA
## 996	f	B	F	Boomer	Tom	NA
## 997	f	B	F	Boomer	Lee	NA
## 998	f	B	F	Boomer	Alfred	NA
## 999	f	B	F	Boomer	Leroy	NA
## 1000	f	B	F	Boomer	Eddie	NA
## 1001	f	B	F	GenX	M	NA
## 1002	f	B	F	GenX	F	NA
## 1003	f	B	F	GenX	Boomer	NA
## 1004	f	B	F	GenX	GenX	NA
## 1005	f	B	F	GenX	Millenial	NA
## 1006	f	B	F	GenX	Theodore	NA
## 1007	f	B	F	GenX	Bernard	NA
## 1008	f	B	F	GenX	Gene	NA
## 1009	f	B	F	GenX	Herbert	NA
## 1010	f	B	F	GenX	Ray	NA
## 1011	f	B	F	Millenial	Tom	NA
## 1012	f	B	F	Millenial	Lee	NA
## 1013	f	B	F	Millenial	Alfred	NA
## 1014	f	B	F	Millenial	Leroy	NA
## 1015	f	B	F	Millenial	Eddie	NA
## 1016	f	B	F	Millenial	M	NA
## 1017	f	B	F	Millenial	F	NA
## 1018	f	B	F	Millenial	Boomer	NA
## 1019	f	B	F	Millenial	GenX	NA
## 1020	f	B	F	Millenial	Millenial	NA
## 1021	f	C	M	Boomer	Theodore	NA
## 1022	f	C	M	Boomer	Bernard	NA
## 1023	f	C	M	Boomer	Gene	NA
## 1024	f	C	M	Boomer	Herbert	NA
## 1025	f	C	M	Boomer	Ray	NA
## 1026	f	C	M	Boomer	Tom	NA
## 1027	f	C	M	Boomer	Lee	NA
## 1028	f	C	M	Boomer	Alfred	NA
## 1029	f	C	M	Boomer	Leroy	NA
## 1030	f	C	M	Boomer	Eddie	NA
## 1031	f	C	M	GenX	M	NA
## 1032	f	C	M	GenX	F	NA
## 1033	f	C	M	GenX	Boomer	NA
## 1034	f	C	M	GenX	GenX	NA
## 1035	f	C	M	GenX	Millenial	NA
## 1036	f	C	M	GenX	Theodore	NA
## 1037	f	C	M	GenX	Bernard	NA
## 1038	f	C	M	GenX	Gene	NA
## 1039	f	C	M	GenX	Herbert	NA
## 1040	f	C	M	GenX	Ray	NA
## 1041	f	C	M	Millenial	Tom	NA
## 1042	f	C	M	Millenial	Lee	NA

## 1043	f	C	M	Millenial	Alfred	NA
## 1044	f	C	M	Millenial	Leroy	NA
## 1045	f	C	M	Millenial	Eddie	NA
## 1046	f	C	M	Millenial	M	NA
## 1047	f	C	M	Millenial	F	NA
## 1048	f	C	M	Millenial	Boomer	NA
## 1049	f	C	M	Millenial	GenX	NA
## 1050	f	C	M	Millenial	Millenial	NA
## 1051	f	C	F	Boomer	Theodore	NA
## 1052	f	C	F	Boomer	Bernard	NA
## 1053	f	C	F	Boomer	Gene	NA
## 1054	f	C	F	Boomer	Herbert	NA
## 1055	f	C	F	Boomer	Ray	NA
## 1056	f	C	F	Boomer	Tom	NA
## 1057	f	C	F	Boomer	Lee	NA
## 1058	f	C	F	Boomer	Alfred	NA
## 1059	f	C	F	Boomer	Leroy	NA
## 1060	f	C	F	Boomer	Eddie	NA
## 1061	f	C	F	GenX	M	NA
## 1062	f	C	F	GenX	F	NA
## 1063	f	C	F	GenX	Boomer	NA
## 1064	f	C	F	GenX	GenX	NA
## 1065	f	C	F	GenX	Millenial	NA
## 1066	f	C	F	GenX	Theodore	NA
## 1067	f	C	F	GenX	Bernard	NA
## 1068	f	C	F	GenX	Gene	NA
## 1069	f	C	F	GenX	Herbert	NA
## 1070	f	C	F	GenX	Ray	NA
## 1071	f	C	F	Millenial	Tom	NA
## 1072	f	C	F	Millenial	Lee	NA
## 1073	f	C	F	Millenial	Alfred	NA
## 1074	f	C	F	Millenial	Leroy	NA
## 1075	f	C	F	Millenial	Eddie	NA
## 1076	f	C	F	Millenial	M	NA
## 1077	f	C	F	Millenial	F	NA
## 1078	f	C	F	Millenial	Boomer	NA
## 1079	f	C	F	Millenial	GenX	NA
## 1080	f	C	F	Millenial	Millenial	NA
## 1081	g	A	M	Boomer	Theodore	NA
## 1082	g	A	M	Boomer	Bernard	NA
## 1083	g	A	M	Boomer	Gene	NA
## 1084	g	A	M	Boomer	Herbert	NA
## 1085	g	A	M	Boomer	Ray	NA
## 1086	g	A	M	Boomer	Tom	NA
## 1087	g	A	M	Boomer	Lee	NA
## 1088	g	A	M	Boomer	Alfred	NA
## 1089	g	A	M	Boomer	Leroy	NA
## 1090	g	A	M	Boomer	Eddie	NA
## 1091	g	A	M	GenX	M	NA
## 1092	g	A	M	GenX	F	NA
## 1093	g	A	M	GenX	Boomer	NA
## 1094	g	A	M	GenX	GenX	NA
## 1095	g	A	M	GenX	Millenial	NA
## 1096	g	A	M	GenX	Theodore	NA

## 1097	g	A	M	GenX	Bernard NA
## 1098	g	A	M	GenX	Gene NA
## 1099	g	A	M	GenX	Herbert NA
## 1100	g	A	M	GenX	Ray NA
## 1101	g	A	M	Millenial	Tom NA
## 1102	g	A	M	Millenial	Lee NA
## 1103	g	A	M	Millenial	Alfred NA
## 1104	g	A	M	Millenial	Leroy NA
## 1105	g	A	M	Millenial	Eddie NA
## 1106	g	A	M	Millenial	M NA
## 1107	g	A	M	Millenial	F NA
## 1108	g	A	M	Millenial	Boomer NA
## 1109	g	A	M	Millenial	GenX NA
## 1110	g	A	M	Millenial	Millenial NA
## 1111	g	A	F	Boomer	Theodore NA
## 1112	g	A	F	Boomer	Bernard NA
## 1113	g	A	F	Boomer	Gene NA
## 1114	g	A	F	Boomer	Herbert NA
## 1115	g	A	F	Boomer	Ray NA
## 1116	g	A	F	Boomer	Tom NA
## 1117	g	A	F	Boomer	Lee NA
## 1118	g	A	F	Boomer	Alfred NA
## 1119	g	A	F	Boomer	Leroy NA
## 1120	g	A	F	Boomer	Eddie NA
## 1121	g	A	F	GenX	M NA
## 1122	g	A	F	GenX	F NA
## 1123	g	A	F	GenX	Boomer NA
## 1124	g	A	F	GenX	GenX NA
## 1125	g	A	F	GenX	Millenial NA
## 1126	g	A	F	GenX	Theodore NA
## 1127	g	A	F	GenX	Bernard NA
## 1128	g	A	F	GenX	Gene NA
## 1129	g	A	F	GenX	Herbert NA
## 1130	g	A	F	GenX	Ray NA
## 1131	g	A	F	Millenial	Tom NA
## 1132	g	A	F	Millenial	Lee NA
## 1133	g	A	F	Millenial	Alfred NA
## 1134	g	A	F	Millenial	Leroy NA
## 1135	g	A	F	Millenial	Eddie NA
## 1136	g	A	F	Millenial	M NA
## 1137	g	A	F	Millenial	F NA
## 1138	g	A	F	Millenial	Boomer NA
## 1139	g	A	F	Millenial	GenX NA
## 1140	g	A	F	Millenial	Millenial NA
## 1141	g	B	M	Boomer	Theodore NA
## 1142	g	B	M	Boomer	Bernard NA
## 1143	g	B	M	Boomer	Gene NA
## 1144	g	B	M	Boomer	Herbert NA
## 1145	g	B	M	Boomer	Ray NA
## 1146	g	B	M	Boomer	Tom NA
## 1147	g	B	M	Boomer	Lee NA
## 1148	g	B	M	Boomer	Alfred NA
## 1149	g	B	M	Boomer	Leroy NA
## 1150	g	B	M	Boomer	Eddie NA

## 1151	g	B	M	GenX	M NA
## 1152	g	B	M	GenX	F NA
## 1153	g	B	M	GenX	Boomer NA
## 1154	g	B	M	GenX	GenX NA
## 1155	g	B	M	GenX	Millenial NA
## 1156	g	B	M	GenX	Theodore NA
## 1157	g	B	M	GenX	Bernard NA
## 1158	g	B	M	GenX	Gene NA
## 1159	g	B	M	GenX	Herbert NA
## 1160	g	B	M	GenX	Ray NA
## 1161	g	B	M	Millenial	Tom NA
## 1162	g	B	M	Millenial	Lee NA
## 1163	g	B	M	Millenial	Alfred NA
## 1164	g	B	M	Millenial	Leroy NA
## 1165	g	B	M	Millenial	Eddie NA
## 1166	g	B	M	Millenial	M NA
## 1167	g	B	M	Millenial	F NA
## 1168	g	B	M	Millenial	Boomer NA
## 1169	g	B	M	Millenial	GenX NA
## 1170	g	B	M	Millenial	Millenial NA
## 1171	g	B	F	Boomer	Theodore NA
## 1172	g	B	F	Boomer	Bernard NA
## 1173	g	B	F	Boomer	Gene NA
## 1174	g	B	F	Boomer	Herbert NA
## 1175	g	B	F	Boomer	Ray NA
## 1176	g	B	F	Boomer	Tom NA
## 1177	g	B	F	Boomer	Lee NA
## 1178	g	B	F	Boomer	Alfred NA
## 1179	g	B	F	Boomer	Leroy NA
## 1180	g	B	F	Boomer	Eddie NA
## 1181	g	B	F	GenX	M NA
## 1182	g	B	F	GenX	F NA
## 1183	g	B	F	GenX	Boomer NA
## 1184	g	B	F	GenX	GenX NA
## 1185	g	B	F	GenX	Millenial NA
## 1186	g	B	F	GenX	Theodore NA
## 1187	g	B	F	GenX	Bernard NA
## 1188	g	B	F	GenX	Gene NA
## 1189	g	B	F	GenX	Herbert NA
## 1190	g	B	F	GenX	Ray NA
## 1191	g	B	F	Millenial	Tom NA
## 1192	g	B	F	Millenial	Lee NA
## 1193	g	B	F	Millenial	Alfred NA
## 1194	g	B	F	Millenial	Leroy NA
## 1195	g	B	F	Millenial	Eddie NA
## 1196	g	B	F	Millenial	M NA
## 1197	g	B	F	Millenial	F NA
## 1198	g	B	F	Millenial	Boomer NA
## 1199	g	B	F	Millenial	GenX NA
## 1200	g	B	F	Millenial	Millenial NA
## 1201	g	C	M	Boomer	Theodore NA
## 1202	g	C	M	Boomer	Bernard NA
## 1203	g	C	M	Boomer	Gene NA
## 1204	g	C	M	Boomer	Herbert NA

## 1205	g	C	M	Boomer	Ray NA
## 1206	g	C	M	Boomer	Tom NA
## 1207	g	C	M	Boomer	Lee NA
## 1208	g	C	M	Boomer	Alfred NA
## 1209	g	C	M	Boomer	Leroy NA
## 1210	g	C	M	Boomer	Eddie NA
## 1211	g	C	M	GenX	M NA
## 1212	g	C	M	GenX	F NA
## 1213	g	C	M	GenX	Boomer NA
## 1214	g	C	M	GenX	GenX NA
## 1215	g	C	M	GenX	Millenial NA
## 1216	g	C	M	GenX	Theodore NA
## 1217	g	C	M	GenX	Bernard NA
## 1218	g	C	M	GenX	Gene NA
## 1219	g	C	M	GenX	Herbert NA
## 1220	g	C	M	GenX	Ray NA
## 1221	g	C	M	Millenial	Tom NA
## 1222	g	C	M	Millenial	Lee NA
## 1223	g	C	M	Millenial	Alfred NA
## 1224	g	C	M	Millenial	Leroy NA
## 1225	g	C	M	Millenial	Eddie NA
## 1226	g	C	M	Millenial	M NA
## 1227	g	C	M	Millenial	F NA
## 1228	g	C	M	Millenial	Boomer NA
## 1229	g	C	M	Millenial	GenX NA
## 1230	g	C	M	Millenial	Millenial NA
## 1231	g	C	F	Boomer	Theodore NA
## 1232	g	C	F	Boomer	Bernard NA
## 1233	g	C	F	Boomer	Gene NA
## 1234	g	C	F	Boomer	Herbert NA
## 1235	g	C	F	Boomer	Ray NA
## 1236	g	C	F	Boomer	Tom NA
## 1237	g	C	F	Boomer	Lee NA
## 1238	g	C	F	Boomer	Alfred NA
## 1239	g	C	F	Boomer	Leroy NA
## 1240	g	C	F	Boomer	Eddie NA
## 1241	g	C	F	GenX	M NA
## 1242	g	C	F	GenX	F NA
## 1243	g	C	F	GenX	Boomer NA
## 1244	g	C	F	GenX	GenX NA
## 1245	g	C	F	GenX	Millenial NA
## 1246	g	C	F	GenX	Theodore NA
## 1247	g	C	F	GenX	Bernard NA
## 1248	g	C	F	GenX	Gene NA
## 1249	g	C	F	GenX	Herbert NA
## 1250	g	C	F	GenX	Ray NA
## 1251	g	C	F	Millenial	Tom NA
## 1252	g	C	F	Millenial	Lee NA
## 1253	g	C	F	Millenial	Alfred NA
## 1254	g	C	F	Millenial	Leroy NA
## 1255	g	C	F	Millenial	Eddie NA
## 1256	g	C	F	Millenial	M NA
## 1257	g	C	F	Millenial	F NA
## 1258	g	C	F	Millenial	Boomer NA

## 1259	g	C	F	Millenial	GenX	NA
## 1260	g	C	F	Millenial	Millenial	NA
## 1261	h	A	M	Boomer	Theodore	NA
## 1262	h	A	M	Boomer	Bernard	NA
## 1263	h	A	M	Boomer	Gene	NA
## 1264	h	A	M	Boomer	Herbert	NA
## 1265	h	A	M	Boomer	Ray	NA
## 1266	h	A	M	Boomer	Tom	NA
## 1267	h	A	M	Boomer	Lee	NA
## 1268	h	A	M	Boomer	Alfred	NA
## 1269	h	A	M	Boomer	Leroy	NA
## 1270	h	A	M	Boomer	Eddie	NA
## 1271	h	A	M	GenX	M	NA
## 1272	h	A	M	GenX	F	NA
## 1273	h	A	M	GenX	Boomer	NA
## 1274	h	A	M	GenX	GenX	NA
## 1275	h	A	M	GenX	Millenial	NA
## 1276	h	A	M	GenX	Theodore	NA
## 1277	h	A	M	GenX	Bernard	NA
## 1278	h	A	M	GenX	Gene	NA
## 1279	h	A	M	GenX	Herbert	NA
## 1280	h	A	M	GenX	Ray	NA
## 1281	h	A	M	Millenial	Tom	NA
## 1282	h	A	M	Millenial	Lee	NA
## 1283	h	A	M	Millenial	Alfred	NA
## 1284	h	A	M	Millenial	Leroy	NA
## 1285	h	A	M	Millenial	Eddie	NA
## 1286	h	A	M	Millenial	M	NA
## 1287	h	A	M	Millenial	F	NA
## 1288	h	A	M	Millenial	Boomer	NA
## 1289	h	A	M	Millenial	GenX	NA
## 1290	h	A	M	Millenial	Millenial	NA
## 1291	h	A	F	Boomer	Theodore	NA
## 1292	h	A	F	Boomer	Bernard	NA
## 1293	h	A	F	Boomer	Gene	NA
## 1294	h	A	F	Boomer	Herbert	NA
## 1295	h	A	F	Boomer	Ray	NA
## 1296	h	A	F	Boomer	Tom	NA
## 1297	h	A	F	Boomer	Lee	NA
## 1298	h	A	F	Boomer	Alfred	NA
## 1299	h	A	F	Boomer	Leroy	NA
## 1300	h	A	F	Boomer	Eddie	NA
## 1301	h	A	F	GenX	M	NA
## 1302	h	A	F	GenX	F	NA
## 1303	h	A	F	GenX	Boomer	NA
## 1304	h	A	F	GenX	GenX	NA
## 1305	h	A	F	GenX	Millenial	NA
## 1306	h	A	F	GenX	Theodore	NA
## 1307	h	A	F	GenX	Bernard	NA
## 1308	h	A	F	GenX	Gene	NA
## 1309	h	A	F	GenX	Herbert	NA
## 1310	h	A	F	GenX	Ray	NA
## 1311	h	A	F	Millenial	Tom	NA
## 1312	h	A	F	Millenial	Lee	NA

## 1313	h	A	F	Millenial	Alfred	NA
## 1314	h	A	F	Millenial	Leroy	NA
## 1315	h	A	F	Millenial	Eddie	NA
## 1316	h	A	F	Millenial	M	NA
## 1317	h	A	F	Millenial	F	NA
## 1318	h	A	F	Millenial	Boomer	NA
## 1319	h	A	F	Millenial	GenX	NA
## 1320	h	A	F	Millenial	Millenial	NA
## 1321	h	B	M	Boomer	Theodore	NA
## 1322	h	B	M	Boomer	Bernard	NA
## 1323	h	B	M	Boomer	Gene	NA
## 1324	h	B	M	Boomer	Herbert	NA
## 1325	h	B	M	Boomer	Ray	NA
## 1326	h	B	M	Boomer	Tom	NA
## 1327	h	B	M	Boomer	Lee	NA
## 1328	h	B	M	Boomer	Alfred	NA
## 1329	h	B	M	Boomer	Leroy	NA
## 1330	h	B	M	Boomer	Eddie	NA
## 1331	h	B	M	GenX	M	NA
## 1332	h	B	M	GenX	F	NA
## 1333	h	B	M	GenX	Boomer	NA
## 1334	h	B	M	GenX	GenX	NA
## 1335	h	B	M	GenX	Millenial	NA
## 1336	h	B	M	GenX	Theodore	NA
## 1337	h	B	M	GenX	Bernard	NA
## 1338	h	B	M	GenX	Gene	NA
## 1339	h	B	M	GenX	Herbert	NA
## 1340	h	B	M	GenX	Ray	NA
## 1341	h	B	M	Millenial	Tom	NA
## 1342	h	B	M	Millenial	Lee	NA
## 1343	h	B	M	Millenial	Alfred	NA
## 1344	h	B	M	Millenial	Leroy	NA
## 1345	h	B	M	Millenial	Eddie	NA
## 1346	h	B	M	Millenial	M	NA
## 1347	h	B	M	Millenial	F	NA
## 1348	h	B	M	Millenial	Boomer	NA
## 1349	h	B	M	Millenial	GenX	NA
## 1350	h	B	M	Millenial	Millenial	NA
## 1351	h	B	F	Boomer	Theodore	NA
## 1352	h	B	F	Boomer	Bernard	NA
## 1353	h	B	F	Boomer	Gene	NA
## 1354	h	B	F	Boomer	Herbert	NA
## 1355	h	B	F	Boomer	Ray	NA
## 1356	h	B	F	Boomer	Tom	NA
## 1357	h	B	F	Boomer	Lee	NA
## 1358	h	B	F	Boomer	Alfred	NA
## 1359	h	B	F	Boomer	Leroy	NA
## 1360	h	B	F	Boomer	Eddie	NA
## 1361	h	B	F	GenX	M	NA
## 1362	h	B	F	GenX	F	NA
## 1363	h	B	F	GenX	Boomer	NA
## 1364	h	B	F	GenX	GenX	NA
## 1365	h	B	F	GenX	Millenial	NA
## 1366	h	B	F	GenX	Theodore	NA

## 1367	h	B	F	GenX	Bernard NA
## 1368	h	B	F	GenX	Gene NA
## 1369	h	B	F	GenX	Herbert NA
## 1370	h	B	F	GenX	Ray NA
## 1371	h	B	F	Millenial	Tom NA
## 1372	h	B	F	Millenial	Lee NA
## 1373	h	B	F	Millenial	Alfred NA
## 1374	h	B	F	Millenial	Leroy NA
## 1375	h	B	F	Millenial	Eddie NA
## 1376	h	B	F	Millenial	M NA
## 1377	h	B	F	Millenial	F NA
## 1378	h	B	F	Millenial	Boomer NA
## 1379	h	B	F	Millenial	GenX NA
## 1380	h	B	F	Millenial	Millenial NA
## 1381	h	C	M	Boomer	Theodore NA
## 1382	h	C	M	Boomer	Bernard NA
## 1383	h	C	M	Boomer	Gene NA
## 1384	h	C	M	Boomer	Herbert NA
## 1385	h	C	M	Boomer	Ray NA
## 1386	h	C	M	Boomer	Tom NA
## 1387	h	C	M	Boomer	Lee NA
## 1388	h	C	M	Boomer	Alfred NA
## 1389	h	C	M	Boomer	Leroy NA
## 1390	h	C	M	Boomer	Eddie NA
## 1391	h	C	M	GenX	M NA
## 1392	h	C	M	GenX	F NA
## 1393	h	C	M	GenX	Boomer NA
## 1394	h	C	M	GenX	GenX NA
## 1395	h	C	M	GenX	Millenial NA
## 1396	h	C	M	GenX	Theodore NA
## 1397	h	C	M	GenX	Bernard NA
## 1398	h	C	M	GenX	Gene NA
## 1399	h	C	M	GenX	Herbert NA
## 1400	h	C	M	GenX	Ray NA
## 1401	h	C	M	Millenial	Tom NA
## 1402	h	C	M	Millenial	Lee NA
## 1403	h	C	M	Millenial	Alfred NA
## 1404	h	C	M	Millenial	Leroy NA
## 1405	h	C	M	Millenial	Eddie NA
## 1406	h	C	M	Millenial	M NA
## 1407	h	C	M	Millenial	F NA
## 1408	h	C	M	Millenial	Boomer NA
## 1409	h	C	M	Millenial	GenX NA
## 1410	h	C	M	Millenial	Millenial NA
## 1411	h	C	F	Boomer	Theodore NA
## 1412	h	C	F	Boomer	Bernard NA
## 1413	h	C	F	Boomer	Gene NA
## 1414	h	C	F	Boomer	Herbert NA
## 1415	h	C	F	Boomer	Ray NA
## 1416	h	C	F	Boomer	Tom NA
## 1417	h	C	F	Boomer	Lee NA
## 1418	h	C	F	Boomer	Alfred NA
## 1419	h	C	F	Boomer	Leroy NA
## 1420	h	C	F	Boomer	Eddie NA

## 1421	h	C	F	GenX	M NA
## 1422	h	C	F	GenX	F NA
## 1423	h	C	F	GenX	Boomer NA
## 1424	h	C	F	GenX	GenX NA
## 1425	h	C	F	GenX	Millennial NA
## 1426	h	C	F	GenX	Theodore NA
## 1427	h	C	F	GenX	Bernard NA
## 1428	h	C	F	GenX	Gene NA
## 1429	h	C	F	GenX	Herbert NA
## 1430	h	C	F	GenX	Ray NA
## 1431	h	C	F	Millennial	Tom NA
## 1432	h	C	F	Millennial	Lee NA
## 1433	h	C	F	Millennial	Alfred NA
## 1434	h	C	F	Millennial	Leroy NA
## 1435	h	C	F	Millennial	Eddie NA
## 1436	h	C	F	Millennial	M NA
## 1437	h	C	F	Millennial	F NA
## 1438	h	C	F	Millennial	Boomer NA
## 1439	h	C	F	Millennial	GenX NA
## 1440	h	C	F	Millennial	Millennial NA
## 1441	i	A	M	Boomer	Theodore NA
## 1442	i	A	M	Boomer	Bernard NA
## 1443	i	A	M	Boomer	Gene NA
## 1444	i	A	M	Boomer	Herbert NA
## 1445	i	A	M	Boomer	Ray NA
## 1446	i	A	M	Boomer	Tom NA
## 1447	i	A	M	Boomer	Lee NA
## 1448	i	A	M	Boomer	Alfred NA
## 1449	i	A	M	Boomer	Leroy NA
## 1450	i	A	M	Boomer	Eddie NA
## 1451	i	A	M	GenX	M NA
## 1452	i	A	M	GenX	F NA
## 1453	i	A	M	GenX	Boomer NA
## 1454	i	A	M	GenX	GenX NA
## 1455	i	A	M	GenX	Millennial NA
## 1456	i	A	M	GenX	Theodore NA
## 1457	i	A	M	GenX	Bernard NA
## 1458	i	A	M	GenX	Gene NA
## 1459	i	A	M	GenX	Herbert NA
## 1460	i	A	M	GenX	Ray NA
## 1461	i	A	M	Millennial	Tom NA
## 1462	i	A	M	Millennial	Lee NA
## 1463	i	A	M	Millennial	Alfred NA
## 1464	i	A	M	Millennial	Leroy NA
## 1465	i	A	M	Millennial	Eddie NA
## 1466	i	A	M	Millennial	M NA
## 1467	i	A	M	Millennial	F NA
## 1468	i	A	M	Millennial	Boomer NA
## 1469	i	A	M	Millennial	GenX NA
## 1470	i	A	M	Millennial	Millennial NA
## 1471	i	A	F	Boomer	Theodore NA
## 1472	i	A	F	Boomer	Bernard NA
## 1473	i	A	F	Boomer	Gene NA
## 1474	i	A	F	Boomer	Herbert NA

## 1475	i	A	F	Boomer	Ray	NA
## 1476	i	A	F	Boomer	Tom	NA
## 1477	i	A	F	Boomer	Lee	NA
## 1478	i	A	F	Boomer	Alfred	NA
## 1479	i	A	F	Boomer	Leroy	NA
## 1480	i	A	F	Boomer	Eddie	NA
## 1481	i	A	F	GenX	M	NA
## 1482	i	A	F	GenX	F	NA
## 1483	i	A	F	GenX	Boomer	NA
## 1484	i	A	F	GenX	GenX	NA
## 1485	i	A	F	GenX	Millenial	NA
## 1486	i	A	F	GenX	Theodore	NA
## 1487	i	A	F	GenX	Bernard	NA
## 1488	i	A	F	GenX	Gene	NA
## 1489	i	A	F	GenX	Herbert	NA
## 1490	i	A	F	GenX	Ray	NA
## 1491	i	A	F	Millenial	Tom	NA
## 1492	i	A	F	Millenial	Lee	NA
## 1493	i	A	F	Millenial	Alfred	NA
## 1494	i	A	F	Millenial	Leroy	NA
## 1495	i	A	F	Millenial	Eddie	NA
## 1496	i	A	F	Millenial	M	NA
## 1497	i	A	F	Millenial	F	NA
## 1498	i	A	F	Millenial	Boomer	NA
## 1499	i	A	F	Millenial	GenX	NA
## 1500	i	A	F	Millenial	Millenial	NA
## 1501	i	B	M	Boomer	Theodore	NA
## 1502	i	B	M	Boomer	Bernard	NA
## 1503	i	B	M	Boomer	Gene	NA
## 1504	i	B	M	Boomer	Herbert	NA
## 1505	i	B	M	Boomer	Ray	NA
## 1506	i	B	M	Boomer	Tom	NA
## 1507	i	B	M	Boomer	Lee	NA
## 1508	i	B	M	Boomer	Alfred	NA
## 1509	i	B	M	Boomer	Leroy	NA
## 1510	i	B	M	Boomer	Eddie	NA
## 1511	i	B	M	GenX	M	NA
## 1512	i	B	M	GenX	F	NA
## 1513	i	B	M	GenX	Boomer	NA
## 1514	i	B	M	GenX	GenX	NA
## 1515	i	B	M	GenX	Millenial	NA
## 1516	i	B	M	GenX	Theodore	NA
## 1517	i	B	M	GenX	Bernard	NA
## 1518	i	B	M	GenX	Gene	NA
## 1519	i	B	M	GenX	Herbert	NA
## 1520	i	B	M	GenX	Ray	NA
## 1521	i	B	M	Millenial	Tom	NA
## 1522	i	B	M	Millenial	Lee	NA
## 1523	i	B	M	Millenial	Alfred	NA
## 1524	i	B	M	Millenial	Leroy	NA
## 1525	i	B	M	Millenial	Eddie	NA
## 1526	i	B	M	Millenial	M	NA
## 1527	i	B	M	Millenial	F	NA
## 1528	i	B	M	Millenial	Boomer	NA

## 1529	i	B	M	Millenial	GenX	NA
## 1530	i	B	M	Millenial	Millenial	NA
## 1531	i	B	F	Boomer	Theodore	NA
## 1532	i	B	F	Boomer	Bernard	NA
## 1533	i	B	F	Boomer	Gene	NA
## 1534	i	B	F	Boomer	Herbert	NA
## 1535	i	B	F	Boomer	Ray	NA
## 1536	i	B	F	Boomer	Tom	NA
## 1537	i	B	F	Boomer	Lee	NA
## 1538	i	B	F	Boomer	Alfred	NA
## 1539	i	B	F	Boomer	Leroy	NA
## 1540	i	B	F	Boomer	Eddie	NA
## 1541	i	B	F	GenX	M	NA
## 1542	i	B	F	GenX	F	NA
## 1543	i	B	F	GenX	Boomer	NA
## 1544	i	B	F	GenX	GenX	NA
## 1545	i	B	F	GenX	Millenial	NA
## 1546	i	B	F	GenX	Theodore	NA
## 1547	i	B	F	GenX	Bernard	NA
## 1548	i	B	F	GenX	Gene	NA
## 1549	i	B	F	GenX	Herbert	NA
## 1550	i	B	F	GenX	Ray	NA
## 1551	i	B	F	Millenial	Tom	NA
## 1552	i	B	F	Millenial	Lee	NA
## 1553	i	B	F	Millenial	Alfred	NA
## 1554	i	B	F	Millenial	Leroy	NA
## 1555	i	B	F	Millenial	Eddie	NA
## 1556	i	B	F	Millenial	M	NA
## 1557	i	B	F	Millenial	F	NA
## 1558	i	B	F	Millenial	Boomer	NA
## 1559	i	B	F	Millenial	GenX	NA
## 1560	i	B	F	Millenial	Millenial	NA
## 1561	i	C	M	Boomer	Theodore	NA
## 1562	i	C	M	Boomer	Bernard	NA
## 1563	i	C	M	Boomer	Gene	NA
## 1564	i	C	M	Boomer	Herbert	NA
## 1565	i	C	M	Boomer	Ray	NA
## 1566	i	C	M	Boomer	Tom	NA
## 1567	i	C	M	Boomer	Lee	NA
## 1568	i	C	M	Boomer	Alfred	NA
## 1569	i	C	M	Boomer	Leroy	NA
## 1570	i	C	M	Boomer	Eddie	NA
## 1571	i	C	M	GenX	M	NA
## 1572	i	C	M	GenX	F	NA
## 1573	i	C	M	GenX	Boomer	NA
## 1574	i	C	M	GenX	GenX	NA
## 1575	i	C	M	GenX	Millenial	NA
## 1576	i	C	M	GenX	Theodore	NA
## 1577	i	C	M	GenX	Bernard	NA
## 1578	i	C	M	GenX	Gene	NA
## 1579	i	C	M	GenX	Herbert	NA
## 1580	i	C	M	GenX	Ray	NA
## 1581	i	C	M	Millenial	Tom	NA
## 1582	i	C	M	Millenial	Lee	NA

## 1583	i	C	M	Millenial	Alfred	NA
## 1584	i	C	M	Millenial	Leroy	NA
## 1585	i	C	M	Millenial	Eddie	NA
## 1586	i	C	M	Millenial	M	NA
## 1587	i	C	M	Millenial	F	NA
## 1588	i	C	M	Millenial	Boomer	NA
## 1589	i	C	M	Millenial	GenX	NA
## 1590	i	C	M	Millenial	Millenial	NA
## 1591	i	C	F	Boomer	Theodore	NA
## 1592	i	C	F	Boomer	Bernard	NA
## 1593	i	C	F	Boomer	Gene	NA
## 1594	i	C	F	Boomer	Herbert	NA
## 1595	i	C	F	Boomer	Ray	NA
## 1596	i	C	F	Boomer	Tom	NA
## 1597	i	C	F	Boomer	Lee	NA
## 1598	i	C	F	Boomer	Alfred	NA
## 1599	i	C	F	Boomer	Leroy	NA
## 1600	i	C	F	Boomer	Eddie	NA
## 1601	i	C	F	GenX	M	NA
## 1602	i	C	F	GenX	F	NA
## 1603	i	C	F	GenX	Boomer	NA
## 1604	i	C	F	GenX	GenX	NA
## 1605	i	C	F	GenX	Millenial	NA
## 1606	i	C	F	GenX	Theodore	NA
## 1607	i	C	F	GenX	Bernard	NA
## 1608	i	C	F	GenX	Gene	NA
## 1609	i	C	F	GenX	Herbert	NA
## 1610	i	C	F	GenX	Ray	NA
## 1611	i	C	F	Millenial	Tom	NA
## 1612	i	C	F	Millenial	Lee	NA
## 1613	i	C	F	Millenial	Alfred	NA
## 1614	i	C	F	Millenial	Leroy	NA
## 1615	i	C	F	Millenial	Eddie	NA
## 1616	i	C	F	Millenial	M	NA
## 1617	i	C	F	Millenial	F	NA
## 1618	i	C	F	Millenial	Boomer	NA
## 1619	i	C	F	Millenial	GenX	NA
## 1620	i	C	F	Millenial	Millenial	NA
## 1621	j	A	M	Boomer	Theodore	NA
## 1622	j	A	M	Boomer	Bernard	NA
## 1623	j	A	M	Boomer	Gene	NA
## 1624	j	A	M	Boomer	Herbert	NA
## 1625	j	A	M	Boomer	Ray	NA
## 1626	j	A	M	Boomer	Tom	NA
## 1627	j	A	M	Boomer	Lee	NA
## 1628	j	A	M	Boomer	Alfred	NA
## 1629	j	A	M	Boomer	Leroy	NA
## 1630	j	A	M	Boomer	Eddie	NA
## 1631	j	A	M	GenX	M	NA
## 1632	j	A	M	GenX	F	NA
## 1633	j	A	M	GenX	Boomer	NA
## 1634	j	A	M	GenX	GenX	NA
## 1635	j	A	M	GenX	Millenial	NA
## 1636	j	A	M	GenX	Theodore	NA

## 1637	j	A	M	GenX	Bernard	NA
## 1638	j	A	M	GenX	Gene	NA
## 1639	j	A	M	GenX	Herbert	NA
## 1640	j	A	M	GenX	Ray	NA
## 1641	j	A	M	Millenial	Tom	NA
## 1642	j	A	M	Millenial	Lee	NA
## 1643	j	A	M	Millenial	Alfred	NA
## 1644	j	A	M	Millenial	Leroy	NA
## 1645	j	A	M	Millenial	Eddie	NA
## 1646	j	A	M	Millenial	M	NA
## 1647	j	A	M	Millenial	F	NA
## 1648	j	A	M	Millenial	Boomer	NA
## 1649	j	A	M	Millenial	GenX	NA
## 1650	j	A	M	Millenial	Millenial	NA
## 1651	j	A	F	Boomer	Theodore	NA
## 1652	j	A	F	Boomer	Bernard	NA
## 1653	j	A	F	Boomer	Gene	NA
## 1654	j	A	F	Boomer	Herbert	NA
## 1655	j	A	F	Boomer	Ray	NA
## 1656	j	A	F	Boomer	Tom	NA
## 1657	j	A	F	Boomer	Lee	NA
## 1658	j	A	F	Boomer	Alfred	NA
## 1659	j	A	F	Boomer	Leroy	NA
## 1660	j	A	F	Boomer	Eddie	NA
## 1661	j	A	F	GenX	M	NA
## 1662	j	A	F	GenX	F	NA
## 1663	j	A	F	GenX	Boomer	NA
## 1664	j	A	F	GenX	GenX	NA
## 1665	j	A	F	GenX	Millenial	NA
## 1666	j	A	F	GenX	Theodore	NA
## 1667	j	A	F	GenX	Bernard	NA
## 1668	j	A	F	GenX	Gene	NA
## 1669	j	A	F	GenX	Herbert	NA
## 1670	j	A	F	GenX	Ray	NA
## 1671	j	A	F	Millenial	Tom	NA
## 1672	j	A	F	Millenial	Lee	NA
## 1673	j	A	F	Millenial	Alfred	NA
## 1674	j	A	F	Millenial	Leroy	NA
## 1675	j	A	F	Millenial	Eddie	NA
## 1676	j	A	F	Millenial	M	NA
## 1677	j	A	F	Millenial	F	NA
## 1678	j	A	F	Millenial	Boomer	NA
## 1679	j	A	F	Millenial	GenX	NA
## 1680	j	A	F	Millenial	Millenial	NA
## 1681	j	B	M	Boomer	Theodore	NA
## 1682	j	B	M	Boomer	Bernard	NA
## 1683	j	B	M	Boomer	Gene	NA
## 1684	j	B	M	Boomer	Herbert	NA
## 1685	j	B	M	Boomer	Ray	NA
## 1686	j	B	M	Boomer	Tom	NA
## 1687	j	B	M	Boomer	Lee	NA
## 1688	j	B	M	Boomer	Alfred	NA
## 1689	j	B	M	Boomer	Leroy	NA
## 1690	j	B	M	Boomer	Eddie	NA

## 1691	j	B	M	GenX	M NA
## 1692	j	B	M	GenX	F NA
## 1693	j	B	M	GenX	Boomer NA
## 1694	j	B	M	GenX	GenX NA
## 1695	j	B	M	GenX	Millennial NA
## 1696	j	B	M	GenX	Theodore NA
## 1697	j	B	M	GenX	Bernard NA
## 1698	j	B	M	GenX	Gene NA
## 1699	j	B	M	GenX	Herbert NA
## 1700	j	B	M	GenX	Ray NA
## 1701	j	B	M	Millennial	Tom NA
## 1702	j	B	M	Millennial	Lee NA
## 1703	j	B	M	Millennial	Alfred NA
## 1704	j	B	M	Millennial	Leroy NA
## 1705	j	B	M	Millennial	Eddie NA
## 1706	j	B	M	Millennial	M NA
## 1707	j	B	M	Millennial	F NA
## 1708	j	B	M	Millennial	Boomer NA
## 1709	j	B	M	Millennial	GenX NA
## 1710	j	B	M	Millennial	Millennial NA
## 1711	j	B	F	Boomer	Theodore NA
## 1712	j	B	F	Boomer	Bernard NA
## 1713	j	B	F	Boomer	Gene NA
## 1714	j	B	F	Boomer	Herbert NA
## 1715	j	B	F	Boomer	Ray NA
## 1716	j	B	F	Boomer	Tom NA
## 1717	j	B	F	Boomer	Lee NA
## 1718	j	B	F	Boomer	Alfred NA
## 1719	j	B	F	Boomer	Leroy NA
## 1720	j	B	F	Boomer	Eddie NA
## 1721	j	B	F	GenX	M NA
## 1722	j	B	F	GenX	F NA
## 1723	j	B	F	GenX	Boomer NA
## 1724	j	B	F	GenX	GenX NA
## 1725	j	B	F	GenX	Millennial NA
## 1726	j	B	F	GenX	Theodore NA
## 1727	j	B	F	GenX	Bernard NA
## 1728	j	B	F	GenX	Gene NA
## 1729	j	B	F	GenX	Herbert NA
## 1730	j	B	F	GenX	Ray NA
## 1731	j	B	F	Millennial	Tom NA
## 1732	j	B	F	Millennial	Lee NA
## 1733	j	B	F	Millennial	Alfred NA
## 1734	j	B	F	Millennial	Leroy NA
## 1735	j	B	F	Millennial	Eddie NA
## 1736	j	B	F	Millennial	M NA
## 1737	j	B	F	Millennial	F NA
## 1738	j	B	F	Millennial	Boomer NA
## 1739	j	B	F	Millennial	GenX NA
## 1740	j	B	F	Millennial	Millennial NA
## 1741	j	C	M	Boomer	Theodore NA
## 1742	j	C	M	Boomer	Bernard NA
## 1743	j	C	M	Boomer	Gene NA
## 1744	j	C	M	Boomer	Herbert NA

## 1745	j	C	M	Boomer	Ray NA
## 1746	j	C	M	Boomer	Tom NA
## 1747	j	C	M	Boomer	Lee NA
## 1748	j	C	M	Boomer	Alfred NA
## 1749	j	C	M	Boomer	Leroy NA
## 1750	j	C	M	Boomer	Eddie NA
## 1751	j	C	M	GenX	M NA
## 1752	j	C	M	GenX	F NA
## 1753	j	C	M	GenX	Boomer NA
## 1754	j	C	M	GenX	GenX NA
## 1755	j	C	M	GenX	Millenial NA
## 1756	j	C	M	GenX	Theodore NA
## 1757	j	C	M	GenX	Bernard NA
## 1758	j	C	M	GenX	Gene NA
## 1759	j	C	M	GenX	Herbert NA
## 1760	j	C	M	GenX	Ray NA
## 1761	j	C	M	Millenial	Tom NA
## 1762	j	C	M	Millenial	Lee NA
## 1763	j	C	M	Millenial	Alfred NA
## 1764	j	C	M	Millenial	Leroy NA
## 1765	j	C	M	Millenial	Eddie NA
## 1766	j	C	M	Millenial	M NA
## 1767	j	C	M	Millenial	F NA
## 1768	j	C	M	Millenial	Boomer NA
## 1769	j	C	M	Millenial	GenX NA
## 1770	j	C	M	Millenial	Millenial NA
## 1771	j	C	F	Boomer	Theodore NA
## 1772	j	C	F	Boomer	Bernard NA
## 1773	j	C	F	Boomer	Gene NA
## 1774	j	C	F	Boomer	Herbert NA
## 1775	j	C	F	Boomer	Ray NA
## 1776	j	C	F	Boomer	Tom NA
## 1777	j	C	F	Boomer	Lee NA
## 1778	j	C	F	Boomer	Alfred NA
## 1779	j	C	F	Boomer	Leroy NA
## 1780	j	C	F	Boomer	Eddie NA
## 1781	j	C	F	GenX	M NA
## 1782	j	C	F	GenX	F NA
## 1783	j	C	F	GenX	Boomer NA
## 1784	j	C	F	GenX	GenX NA
## 1785	j	C	F	GenX	Millenial NA
## 1786	j	C	F	GenX	Theodore NA
## 1787	j	C	F	GenX	Bernard NA
## 1788	j	C	F	GenX	Gene NA
## 1789	j	C	F	GenX	Herbert NA
## 1790	j	C	F	GenX	Ray NA
## 1791	j	C	F	Millenial	Tom NA
## 1792	j	C	F	Millenial	Lee NA
## 1793	j	C	F	Millenial	Alfred NA
## 1794	j	C	F	Millenial	Leroy NA
## 1795	j	C	F	Millenial	Eddie NA
## 1796	j	C	F	Millenial	M NA
## 1797	j	C	F	Millenial	F NA
## 1798	j	C	F	Millenial	Boomer NA

## 1799	j	C	F	Millenial	GenX	NA
## 1800	j	C	F	Millenial	Millenial	NA
## 1801	k	A	M	Boomer	Theodore	NA
## 1802	k	A	M	Boomer	Bernard	NA
## 1803	k	A	M	Boomer	Gene	NA
## 1804	k	A	M	Boomer	Herbert	NA
## 1805	k	A	M	Boomer	Ray	NA
## 1806	k	A	M	Boomer	Tom	NA
## 1807	k	A	M	Boomer	Lee	NA
## 1808	k	A	M	Boomer	Alfred	NA
## 1809	k	A	M	Boomer	Leroy	NA
## 1810	k	A	M	Boomer	Eddie	NA
## 1811	k	A	M	GenX	M	NA
## 1812	k	A	M	GenX	F	NA
## 1813	k	A	M	GenX	Boomer	NA
## 1814	k	A	M	GenX	GenX	NA
## 1815	k	A	M	GenX	Millenial	NA
## 1816	k	A	M	GenX	Theodore	NA
## 1817	k	A	M	GenX	Bernard	NA
## 1818	k	A	M	GenX	Gene	NA
## 1819	k	A	M	GenX	Herbert	NA
## 1820	k	A	M	GenX	Ray	NA
## 1821	k	A	M	Millenial	Tom	NA
## 1822	k	A	M	Millenial	Lee	NA
## 1823	k	A	M	Millenial	Alfred	NA
## 1824	k	A	M	Millenial	Leroy	NA
## 1825	k	A	M	Millenial	Eddie	NA
## 1826	k	A	M	Millenial	M	NA
## 1827	k	A	M	Millenial	F	NA
## 1828	k	A	M	Millenial	Boomer	NA
## 1829	k	A	M	Millenial	GenX	NA
## 1830	k	A	M	Millenial	Millenial	NA
## 1831	k	A	F	Boomer	Theodore	NA
## 1832	k	A	F	Boomer	Bernard	NA
## 1833	k	A	F	Boomer	Gene	NA
## 1834	k	A	F	Boomer	Herbert	NA
## 1835	k	A	F	Boomer	Ray	NA
## 1836	k	A	F	Boomer	Tom	NA
## 1837	k	A	F	Boomer	Lee	NA
## 1838	k	A	F	Boomer	Alfred	NA
## 1839	k	A	F	Boomer	Leroy	NA
## 1840	k	A	F	Boomer	Eddie	NA
## 1841	k	A	F	GenX	M	NA
## 1842	k	A	F	GenX	F	NA
## 1843	k	A	F	GenX	Boomer	NA
## 1844	k	A	F	GenX	GenX	NA
## 1845	k	A	F	GenX	Millenial	NA
## 1846	k	A	F	GenX	Theodore	NA
## 1847	k	A	F	GenX	Bernard	NA
## 1848	k	A	F	GenX	Gene	NA
## 1849	k	A	F	GenX	Herbert	NA
## 1850	k	A	F	GenX	Ray	NA
## 1851	k	A	F	Millenial	Tom	NA
## 1852	k	A	F	Millenial	Lee	NA

## 1853	k	A	F	Millenial	Alfred	NA
## 1854	k	A	F	Millenial	Leroy	NA
## 1855	k	A	F	Millenial	Eddie	NA
## 1856	k	A	F	Millenial	M	NA
## 1857	k	A	F	Millenial	F	NA
## 1858	k	A	F	Millenial	Boomer	NA
## 1859	k	A	F	Millenial	GenX	NA
## 1860	k	A	F	Millenial	Millenial	NA
## 1861	k	B	M	Boomer	Theodore	NA
## 1862	k	B	M	Boomer	Bernard	NA
## 1863	k	B	M	Boomer	Gene	NA
## 1864	k	B	M	Boomer	Herbert	NA
## 1865	k	B	M	Boomer	Ray	NA
## 1866	k	B	M	Boomer	Tom	NA
## 1867	k	B	M	Boomer	Lee	NA
## 1868	k	B	M	Boomer	Alfred	NA
## 1869	k	B	M	Boomer	Leroy	NA
## 1870	k	B	M	Boomer	Eddie	NA
## 1871	k	B	M	GenX	M	NA
## 1872	k	B	M	GenX	F	NA
## 1873	k	B	M	GenX	Boomer	NA
## 1874	k	B	M	GenX	GenX	NA
## 1875	k	B	M	GenX	Millenial	NA
## 1876	k	B	M	GenX	Theodore	NA
## 1877	k	B	M	GenX	Bernard	NA
## 1878	k	B	M	GenX	Gene	NA
## 1879	k	B	M	GenX	Herbert	NA
## 1880	k	B	M	GenX	Ray	NA
## 1881	k	B	M	Millenial	Tom	NA
## 1882	k	B	M	Millenial	Lee	NA
## 1883	k	B	M	Millenial	Alfred	NA
## 1884	k	B	M	Millenial	Leroy	NA
## 1885	k	B	M	Millenial	Eddie	NA
## 1886	k	B	M	Millenial	M	NA
## 1887	k	B	M	Millenial	F	NA
## 1888	k	B	M	Millenial	Boomer	NA
## 1889	k	B	M	Millenial	GenX	NA
## 1890	k	B	M	Millenial	Millenial	NA
## 1891	k	B	F	Boomer	Theodore	NA
## 1892	k	B	F	Boomer	Bernard	NA
## 1893	k	B	F	Boomer	Gene	NA
## 1894	k	B	F	Boomer	Herbert	NA
## 1895	k	B	F	Boomer	Ray	NA
## 1896	k	B	F	Boomer	Tom	NA
## 1897	k	B	F	Boomer	Lee	NA
## 1898	k	B	F	Boomer	Alfred	NA
## 1899	k	B	F	Boomer	Leroy	NA
## 1900	k	B	F	Boomer	Eddie	NA
## 1901	k	B	F	GenX	M	NA
## 1902	k	B	F	GenX	F	NA
## 1903	k	B	F	GenX	Boomer	NA
## 1904	k	B	F	GenX	GenX	NA
## 1905	k	B	F	GenX	Millenial	NA
## 1906	k	B	F	GenX	Theodore	NA

## 1907	k	B	F	GenX	Bernard NA
## 1908	k	B	F	GenX	Gene NA
## 1909	k	B	F	GenX	Herbert NA
## 1910	k	B	F	GenX	Ray NA
## 1911	k	B	F	Millenial	Tom NA
## 1912	k	B	F	Millenial	Lee NA
## 1913	k	B	F	Millenial	Alfred NA
## 1914	k	B	F	Millenial	Leroy NA
## 1915	k	B	F	Millenial	Eddie NA
## 1916	k	B	F	Millenial	M NA
## 1917	k	B	F	Millenial	F NA
## 1918	k	B	F	Millenial	Boomer NA
## 1919	k	B	F	Millenial	GenX NA
## 1920	k	B	F	Millenial	Millenial NA
## 1921	k	C	M	Boomer	Theodore NA
## 1922	k	C	M	Boomer	Bernard NA
## 1923	k	C	M	Boomer	Gene NA
## 1924	k	C	M	Boomer	Herbert NA
## 1925	k	C	M	Boomer	Ray NA
## 1926	k	C	M	Boomer	Tom NA
## 1927	k	C	M	Boomer	Lee NA
## 1928	k	C	M	Boomer	Alfred NA
## 1929	k	C	M	Boomer	Leroy NA
## 1930	k	C	M	Boomer	Eddie NA
## 1931	k	C	M	GenX	M NA
## 1932	k	C	M	GenX	F NA
## 1933	k	C	M	GenX	Boomer NA
## 1934	k	C	M	GenX	GenX NA
## 1935	k	C	M	GenX	Millenial NA
## 1936	k	C	M	GenX	Theodore NA
## 1937	k	C	M	GenX	Bernard NA
## 1938	k	C	M	GenX	Gene NA
## 1939	k	C	M	GenX	Herbert NA
## 1940	k	C	M	GenX	Ray NA
## 1941	k	C	M	Millenial	Tom NA
## 1942	k	C	M	Millenial	Lee NA
## 1943	k	C	M	Millenial	Alfred NA
## 1944	k	C	M	Millenial	Leroy NA
## 1945	k	C	M	Millenial	Eddie NA
## 1946	k	C	M	Millenial	M NA
## 1947	k	C	M	Millenial	F NA
## 1948	k	C	M	Millenial	Boomer NA
## 1949	k	C	M	Millenial	GenX NA
## 1950	k	C	M	Millenial	Millenial NA
## 1951	k	C	F	Boomer	Theodore NA
## 1952	k	C	F	Boomer	Bernard NA
## 1953	k	C	F	Boomer	Gene NA
## 1954	k	C	F	Boomer	Herbert NA
## 1955	k	C	F	Boomer	Ray NA
## 1956	k	C	F	Boomer	Tom NA
## 1957	k	C	F	Boomer	Lee NA
## 1958	k	C	F	Boomer	Alfred NA
## 1959	k	C	F	Boomer	Leroy NA
## 1960	k	C	F	Boomer	Eddie NA

## 1961	k	C	F	GenX	M NA
## 1962	k	C	F	GenX	F NA
## 1963	k	C	F	GenX	Boomer NA
## 1964	k	C	F	GenX	GenX NA
## 1965	k	C	F	GenX	Millennial NA
## 1966	k	C	F	GenX	Theodore NA
## 1967	k	C	F	GenX	Bernard NA
## 1968	k	C	F	GenX	Gene NA
## 1969	k	C	F	GenX	Herbert NA
## 1970	k	C	F	GenX	Ray NA
## 1971	k	C	F	Millennial	Tom NA
## 1972	k	C	F	Millennial	Lee NA
## 1973	k	C	F	Millennial	Alfred NA
## 1974	k	C	F	Millennial	Leroy NA
## 1975	k	C	F	Millennial	Eddie NA
## 1976	k	C	F	Millennial	M NA
## 1977	k	C	F	Millennial	F NA
## 1978	k	C	F	Millennial	Boomer NA
## 1979	k	C	F	Millennial	GenX NA
## 1980	k	C	F	Millennial	Millennial NA
## 1981	l	A	M	Boomer	Theodore NA
## 1982	l	A	M	Boomer	Bernard NA
## 1983	l	A	M	Boomer	Gene NA
## 1984	l	A	M	Boomer	Herbert NA
## 1985	l	A	M	Boomer	Ray NA
## 1986	l	A	M	Boomer	Tom NA
## 1987	l	A	M	Boomer	Lee NA
## 1988	l	A	M	Boomer	Alfred NA
## 1989	l	A	M	Boomer	Leroy NA
## 1990	l	A	M	Boomer	Eddie NA
## 1991	l	A	M	GenX	M NA
## 1992	l	A	M	GenX	F NA
## 1993	l	A	M	GenX	Boomer NA
## 1994	l	A	M	GenX	GenX NA
## 1995	l	A	M	GenX	Millennial NA
## 1996	l	A	M	GenX	Theodore NA
## 1997	l	A	M	GenX	Bernard NA
## 1998	l	A	M	GenX	Gene NA
## 1999	l	A	M	GenX	Herbert NA
## 2000	l	A	M	GenX	Ray NA
## 2001	l	A	M	Millennial	Tom NA
## 2002	l	A	M	Millennial	Lee NA
## 2003	l	A	M	Millennial	Alfred NA
## 2004	l	A	M	Millennial	Leroy NA
## 2005	l	A	M	Millennial	Eddie NA
## 2006	l	A	M	Millennial	M NA
## 2007	l	A	M	Millennial	F NA
## 2008	l	A	M	Millennial	Boomer NA
## 2009	l	A	M	Millennial	GenX NA
## 2010	l	A	M	Millennial	Millennial NA
## 2011	l	A	F	Boomer	Theodore NA
## 2012	l	A	F	Boomer	Bernard NA
## 2013	l	A	F	Boomer	Gene NA
## 2014	l	A	F	Boomer	Herbert NA

## 2015	1	A	F	Boomer	Ray	NA
## 2016	1	A	F	Boomer	Tom	NA
## 2017	1	A	F	Boomer	Lee	NA
## 2018	1	A	F	Boomer	Alfred	NA
## 2019	1	A	F	Boomer	Leroy	NA
## 2020	1	A	F	Boomer	Eddie	NA
## 2021	1	A	F	GenX	M	NA
## 2022	1	A	F	GenX	F	NA
## 2023	1	A	F	GenX	Boomer	NA
## 2024	1	A	F	GenX	GenX	NA
## 2025	1	A	F	GenX	Millennial	NA
## 2026	1	A	F	GenX	Theodore	NA
## 2027	1	A	F	GenX	Bernard	NA
## 2028	1	A	F	GenX	Gene	NA
## 2029	1	A	F	GenX	Herbert	NA
## 2030	1	A	F	GenX	Ray	NA
## 2031	1	A	F	Millennial	Tom	NA
## 2032	1	A	F	Millennial	Lee	NA
## 2033	1	A	F	Millennial	Alfred	NA
## 2034	1	A	F	Millennial	Leroy	NA
## 2035	1	A	F	Millennial	Eddie	NA
## 2036	1	A	F	Millennial	M	NA
## 2037	1	A	F	Millennial	F	NA
## 2038	1	A	F	Millennial	Boomer	NA
## 2039	1	A	F	Millennial	GenX	NA
## 2040	1	A	F	Millennial	Millennial	NA
## 2041	1	B	M	Boomer	Theodore	NA
## 2042	1	B	M	Boomer	Bernard	NA
## 2043	1	B	M	Boomer	Gene	NA
## 2044	1	B	M	Boomer	Herbert	NA
## 2045	1	B	M	Boomer	Ray	NA
## 2046	1	B	M	Boomer	Tom	NA
## 2047	1	B	M	Boomer	Lee	NA
## 2048	1	B	M	Boomer	Alfred	NA
## 2049	1	B	M	Boomer	Leroy	NA
## 2050	1	B	M	Boomer	Eddie	NA
## 2051	1	B	M	GenX	M	NA
## 2052	1	B	M	GenX	F	NA
## 2053	1	B	M	GenX	Boomer	NA
## 2054	1	B	M	GenX	GenX	NA
## 2055	1	B	M	GenX	Millennial	NA
## 2056	1	B	M	GenX	Theodore	NA
## 2057	1	B	M	GenX	Bernard	NA
## 2058	1	B	M	GenX	Gene	NA
## 2059	1	B	M	GenX	Herbert	NA
## 2060	1	B	M	GenX	Ray	NA
## 2061	1	B	M	Millennial	Tom	NA
## 2062	1	B	M	Millennial	Lee	NA
## 2063	1	B	M	Millennial	Alfred	NA
## 2064	1	B	M	Millennial	Leroy	NA
## 2065	1	B	M	Millennial	Eddie	NA
## 2066	1	B	M	Millennial	M	NA
## 2067	1	B	M	Millennial	F	NA
## 2068	1	B	M	Millennial	Boomer	NA

## 2069	1	B	M	Millenial	GenX	NA
## 2070	1	B	M	Millenial	Millenial	NA
## 2071	1	B	F	Boomer	Theodore	NA
## 2072	1	B	F	Boomer	Bernard	NA
## 2073	1	B	F	Boomer	Gene	NA
## 2074	1	B	F	Boomer	Herbert	NA
## 2075	1	B	F	Boomer	Ray	NA
## 2076	1	B	F	Boomer	Tom	NA
## 2077	1	B	F	Boomer	Lee	NA
## 2078	1	B	F	Boomer	Alfred	NA
## 2079	1	B	F	Boomer	Leroy	NA
## 2080	1	B	F	Boomer	Eddie	NA
## 2081	1	B	F	GenX	M	NA
## 2082	1	B	F	GenX	F	NA
## 2083	1	B	F	GenX	Boomer	NA
## 2084	1	B	F	GenX	GenX	NA
## 2085	1	B	F	GenX	Millenial	NA
## 2086	1	B	F	GenX	Theodore	NA
## 2087	1	B	F	GenX	Bernard	NA
## 2088	1	B	F	GenX	Gene	NA
## 2089	1	B	F	GenX	Herbert	NA
## 2090	1	B	F	GenX	Ray	NA
## 2091	1	B	F	Millenial	Tom	NA
## 2092	1	B	F	Millenial	Lee	NA
## 2093	1	B	F	Millenial	Alfred	NA
## 2094	1	B	F	Millenial	Leroy	NA
## 2095	1	B	F	Millenial	Eddie	NA
## 2096	1	B	F	Millenial	M	NA
## 2097	1	B	F	Millenial	F	NA
## 2098	1	B	F	Millenial	Boomer	NA
## 2099	1	B	F	Millenial	GenX	NA
## 2100	1	B	F	Millenial	Millenial	NA
## 2101	1	C	M	Boomer	Theodore	NA
## 2102	1	C	M	Boomer	Bernard	NA
## 2103	1	C	M	Boomer	Gene	NA
## 2104	1	C	M	Boomer	Herbert	NA
## 2105	1	C	M	Boomer	Ray	NA
## 2106	1	C	M	Boomer	Tom	NA
## 2107	1	C	M	Boomer	Lee	NA
## 2108	1	C	M	Boomer	Alfred	NA
## 2109	1	C	M	Boomer	Leroy	NA
## 2110	1	C	M	Boomer	Eddie	NA
## 2111	1	C	M	GenX	M	NA
## 2112	1	C	M	GenX	F	NA
## 2113	1	C	M	GenX	Boomer	NA
## 2114	1	C	M	GenX	GenX	NA
## 2115	1	C	M	GenX	Millenial	NA
## 2116	1	C	M	GenX	Theodore	NA
## 2117	1	C	M	GenX	Bernard	NA
## 2118	1	C	M	GenX	Gene	NA
## 2119	1	C	M	GenX	Herbert	NA
## 2120	1	C	M	GenX	Ray	NA
## 2121	1	C	M	Millenial	Tom	NA
## 2122	1	C	M	Millenial	Lee	NA

## 2123	l	C	M	Millenial	Alfred	NA
## 2124	l	C	M	Millenial	Leroy	NA
## 2125	l	C	M	Millenial	Eddie	NA
## 2126	l	C	M	Millenial	M	NA
## 2127	l	C	M	Millenial	F	NA
## 2128	l	C	M	Millenial	Boomer	NA
## 2129	l	C	M	Millenial	GenX	NA
## 2130	l	C	M	Millenial	Millenial	NA
## 2131	l	C	F	Boomer	Theodore	NA
## 2132	l	C	F	Boomer	Bernard	NA
## 2133	l	C	F	Boomer	Gene	NA
## 2134	l	C	F	Boomer	Herbert	NA
## 2135	l	C	F	Boomer	Ray	NA
## 2136	l	C	F	Boomer	Tom	NA
## 2137	l	C	F	Boomer	Lee	NA
## 2138	l	C	F	Boomer	Alfred	NA
## 2139	l	C	F	Boomer	Leroy	NA
## 2140	l	C	F	Boomer	Eddie	NA
## 2141	l	C	F	GenX	M	NA
## 2142	l	C	F	GenX	F	NA
## 2143	l	C	F	GenX	Boomer	NA
## 2144	l	C	F	GenX	GenX	NA
## 2145	l	C	F	GenX	Millenial	NA
## 2146	l	C	F	GenX	Theodore	NA
## 2147	l	C	F	GenX	Bernard	NA
## 2148	l	C	F	GenX	Gene	NA
## 2149	l	C	F	GenX	Herbert	NA
## 2150	l	C	F	GenX	Ray	NA
## 2151	l	C	F	Millenial	Tom	NA
## 2152	l	C	F	Millenial	Lee	NA
## 2153	l	C	F	Millenial	Alfred	NA
## 2154	l	C	F	Millenial	Leroy	NA
## 2155	l	C	F	Millenial	Eddie	NA
## 2156	l	C	F	Millenial	M	NA
## 2157	l	C	F	Millenial	F	NA
## 2158	l	C	F	Millenial	Boomer	NA
## 2159	l	C	F	Millenial	GenX	NA
## 2160	l	C	F	Millenial	Millenial	NA
## 2161	m	A	M	Boomer	Theodore	NA
## 2162	m	A	M	Boomer	Bernard	NA
## 2163	m	A	M	Boomer	Gene	NA
## 2164	m	A	M	Boomer	Herbert	NA
## 2165	m	A	M	Boomer	Ray	NA
## 2166	m	A	M	Boomer	Tom	NA
## 2167	m	A	M	Boomer	Lee	NA
## 2168	m	A	M	Boomer	Alfred	NA
## 2169	m	A	M	Boomer	Leroy	NA
## 2170	m	A	M	Boomer	Eddie	NA
## 2171	m	A	M	GenX	M	NA
## 2172	m	A	M	GenX	F	NA
## 2173	m	A	M	GenX	Boomer	NA
## 2174	m	A	M	GenX	GenX	NA
## 2175	m	A	M	GenX	Millenial	NA
## 2176	m	A	M	GenX	Theodore	NA

## 2177	m	A	M	GenX	Bernard	NA
## 2178	m	A	M	GenX	Gene	NA
## 2179	m	A	M	GenX	Herbert	NA
## 2180	m	A	M	GenX	Ray	NA
## 2181	m	A	M	Millenial	Tom	NA
## 2182	m	A	M	Millenial	Lee	NA
## 2183	m	A	M	Millenial	Alfred	NA
## 2184	m	A	M	Millenial	Leroy	NA
## 2185	m	A	M	Millenial	Eddie	NA
## 2186	m	A	M	Millenial	M	NA
## 2187	m	A	M	Millenial	F	NA
## 2188	m	A	M	Millenial	Boomer	NA
## 2189	m	A	M	Millenial	GenX	NA
## 2190	m	A	M	Millenial	Millenial	NA
## 2191	m	A	F	Boomer	Theodore	NA
## 2192	m	A	F	Boomer	Bernard	NA
## 2193	m	A	F	Boomer	Gene	NA
## 2194	m	A	F	Boomer	Herbert	NA
## 2195	m	A	F	Boomer	Ray	NA
## 2196	m	A	F	Boomer	Tom	NA
## 2197	m	A	F	Boomer	Lee	NA
## 2198	m	A	F	Boomer	Alfred	NA
## 2199	m	A	F	Boomer	Leroy	NA
## 2200	m	A	F	Boomer	Eddie	NA
## 2201	m	A	F	GenX	M	NA
## 2202	m	A	F	GenX	F	NA
## 2203	m	A	F	GenX	Boomer	NA
## 2204	m	A	F	GenX	GenX	NA
## 2205	m	A	F	GenX	Millenial	NA
## 2206	m	A	F	GenX	Theodore	NA
## 2207	m	A	F	GenX	Bernard	NA
## 2208	m	A	F	GenX	Gene	NA
## 2209	m	A	F	GenX	Herbert	NA
## 2210	m	A	F	GenX	Ray	NA
## 2211	m	A	F	Millenial	Tom	NA
## 2212	m	A	F	Millenial	Lee	NA
## 2213	m	A	F	Millenial	Alfred	NA
## 2214	m	A	F	Millenial	Leroy	NA
## 2215	m	A	F	Millenial	Eddie	NA
## 2216	m	A	F	Millenial	M	NA
## 2217	m	A	F	Millenial	F	NA
## 2218	m	A	F	Millenial	Boomer	NA
## 2219	m	A	F	Millenial	GenX	NA
## 2220	m	A	F	Millenial	Millenial	NA
## 2221	m	B	M	Boomer	Theodore	NA
## 2222	m	B	M	Boomer	Bernard	NA
## 2223	m	B	M	Boomer	Gene	NA
## 2224	m	B	M	Boomer	Herbert	NA
## 2225	m	B	M	Boomer	Ray	NA
## 2226	m	B	M	Boomer	Tom	NA
## 2227	m	B	M	Boomer	Lee	NA
## 2228	m	B	M	Boomer	Alfred	NA
## 2229	m	B	M	Boomer	Leroy	NA
## 2230	m	B	M	Boomer	Eddie	NA

## 2231	m	B	M	GenX	M NA
## 2232	m	B	M	GenX	F NA
## 2233	m	B	M	GenX	Boomer NA
## 2234	m	B	M	GenX	GenX NA
## 2235	m	B	M	GenX	Millennial NA
## 2236	m	B	M	GenX	Theodore NA
## 2237	m	B	M	GenX	Bernard NA
## 2238	m	B	M	GenX	Gene NA
## 2239	m	B	M	GenX	Herbert NA
## 2240	m	B	M	GenX	Ray NA
## 2241	m	B	M	Millennial	Tom NA
## 2242	m	B	M	Millennial	Lee NA
## 2243	m	B	M	Millennial	Alfred NA
## 2244	m	B	M	Millennial	Leroy NA
## 2245	m	B	M	Millennial	Eddie NA
## 2246	m	B	M	Millennial	M NA
## 2247	m	B	M	Millennial	F NA
## 2248	m	B	M	Millennial	Boomer NA
## 2249	m	B	M	Millennial	GenX NA
## 2250	m	B	M	Millennial	Millennial NA
## 2251	m	B	F	Boomer	Theodore NA
## 2252	m	B	F	Boomer	Bernard NA
## 2253	m	B	F	Boomer	Gene NA
## 2254	m	B	F	Boomer	Herbert NA
## 2255	m	B	F	Boomer	Ray NA
## 2256	m	B	F	Boomer	Tom NA
## 2257	m	B	F	Boomer	Lee NA
## 2258	m	B	F	Boomer	Alfred NA
## 2259	m	B	F	Boomer	Leroy NA
## 2260	m	B	F	Boomer	Eddie NA
## 2261	m	B	F	GenX	M NA
## 2262	m	B	F	GenX	F NA
## 2263	m	B	F	GenX	Boomer NA
## 2264	m	B	F	GenX	GenX NA
## 2265	m	B	F	GenX	Millennial NA
## 2266	m	B	F	GenX	Theodore NA
## 2267	m	B	F	GenX	Bernard NA
## 2268	m	B	F	GenX	Gene NA
## 2269	m	B	F	GenX	Herbert NA
## 2270	m	B	F	GenX	Ray NA
## 2271	m	B	F	Millennial	Tom NA
## 2272	m	B	F	Millennial	Lee NA
## 2273	m	B	F	Millennial	Alfred NA
## 2274	m	B	F	Millennial	Leroy NA
## 2275	m	B	F	Millennial	Eddie NA
## 2276	m	B	F	Millennial	M NA
## 2277	m	B	F	Millennial	F NA
## 2278	m	B	F	Millennial	Boomer NA
## 2279	m	B	F	Millennial	GenX NA
## 2280	m	B	F	Millennial	Millennial NA
## 2281	m	C	M	Boomer	Theodore NA
## 2282	m	C	M	Boomer	Bernard NA
## 2283	m	C	M	Boomer	Gene NA
## 2284	m	C	M	Boomer	Herbert NA

## 2285	m	C	M	Boomer	Ray	NA
## 2286	m	C	M	Boomer	Tom	NA
## 2287	m	C	M	Boomer	Lee	NA
## 2288	m	C	M	Boomer	Alfred	NA
## 2289	m	C	M	Boomer	Leroy	NA
## 2290	m	C	M	Boomer	Eddie	NA
## 2291	m	C	M	GenX	M	NA
## 2292	m	C	M	GenX	F	NA
## 2293	m	C	M	GenX	Boomer	NA
## 2294	m	C	M	GenX	GenX	NA
## 2295	m	C	M	GenX	Millenial	NA
## 2296	m	C	M	GenX	Theodore	NA
## 2297	m	C	M	GenX	Bernard	NA
## 2298	m	C	M	GenX	Gene	NA
## 2299	m	C	M	GenX	Herbert	NA
## 2300	m	C	M	GenX	Ray	NA
## 2301	m	C	M	Millenial	Tom	NA
## 2302	m	C	M	Millenial	Lee	NA
## 2303	m	C	M	Millenial	Alfred	NA
## 2304	m	C	M	Millenial	Leroy	NA
## 2305	m	C	M	Millenial	Eddie	NA
## 2306	m	C	M	Millenial	M	NA
## 2307	m	C	M	Millenial	F	NA
## 2308	m	C	M	Millenial	Boomer	NA
## 2309	m	C	M	Millenial	GenX	NA
## 2310	m	C	M	Millenial	Millenial	NA
## 2311	m	C	F	Boomer	Theodore	NA
## 2312	m	C	F	Boomer	Bernard	NA
## 2313	m	C	F	Boomer	Gene	NA
## 2314	m	C	F	Boomer	Herbert	NA
## 2315	m	C	F	Boomer	Ray	NA
## 2316	m	C	F	Boomer	Tom	NA
## 2317	m	C	F	Boomer	Lee	NA
## 2318	m	C	F	Boomer	Alfred	NA
## 2319	m	C	F	Boomer	Leroy	NA
## 2320	m	C	F	Boomer	Eddie	NA
## 2321	m	C	F	GenX	M	NA
## 2322	m	C	F	GenX	F	NA
## 2323	m	C	F	GenX	Boomer	NA
## 2324	m	C	F	GenX	GenX	NA
## 2325	m	C	F	GenX	Millenial	NA
## 2326	m	C	F	GenX	Theodore	NA
## 2327	m	C	F	GenX	Bernard	NA
## 2328	m	C	F	GenX	Gene	NA
## 2329	m	C	F	GenX	Herbert	NA
## 2330	m	C	F	GenX	Ray	NA
## 2331	m	C	F	Millenial	Tom	NA
## 2332	m	C	F	Millenial	Lee	NA
## 2333	m	C	F	Millenial	Alfred	NA
## 2334	m	C	F	Millenial	Leroy	NA
## 2335	m	C	F	Millenial	Eddie	NA
## 2336	m	C	F	Millenial	M	NA
## 2337	m	C	F	Millenial	F	NA
## 2338	m	C	F	Millenial	Boomer	NA

## 2339	m	C	F	Millenial	GenX	NA
## 2340	m	C	F	Millenial	Millenial	NA
## 2341	n	A	M	Boomer	Theodore	NA
## 2342	n	A	M	Boomer	Bernard	NA
## 2343	n	A	M	Boomer	Gene	NA
## 2344	n	A	M	Boomer	Herbert	NA
## 2345	n	A	M	Boomer	Ray	NA
## 2346	n	A	M	Boomer	Tom	NA
## 2347	n	A	M	Boomer	Lee	NA
## 2348	n	A	M	Boomer	Alfred	NA
## 2349	n	A	M	Boomer	Leroy	NA
## 2350	n	A	M	Boomer	Eddie	NA
## 2351	n	A	M	GenX	M	NA
## 2352	n	A	M	GenX	F	NA
## 2353	n	A	M	GenX	Boomer	NA
## 2354	n	A	M	GenX	GenX	NA
## 2355	n	A	M	GenX	Millenial	NA
## 2356	n	A	M	GenX	Theodore	NA
## 2357	n	A	M	GenX	Bernard	NA
## 2358	n	A	M	GenX	Gene	NA
## 2359	n	A	M	GenX	Herbert	NA
## 2360	n	A	M	GenX	Ray	NA
## 2361	n	A	M	Millenial	Tom	NA
## 2362	n	A	M	Millenial	Lee	NA
## 2363	n	A	M	Millenial	Alfred	NA
## 2364	n	A	M	Millenial	Leroy	NA
## 2365	n	A	M	Millenial	Eddie	NA
## 2366	n	A	M	Millenial	M	NA
## 2367	n	A	M	Millenial	F	NA
## 2368	n	A	M	Millenial	Boomer	NA
## 2369	n	A	M	Millenial	GenX	NA
## 2370	n	A	M	Millenial	Millenial	NA
## 2371	n	A	F	Boomer	Theodore	NA
## 2372	n	A	F	Boomer	Bernard	NA
## 2373	n	A	F	Boomer	Gene	NA
## 2374	n	A	F	Boomer	Herbert	NA
## 2375	n	A	F	Boomer	Ray	NA
## 2376	n	A	F	Boomer	Tom	NA
## 2377	n	A	F	Boomer	Lee	NA
## 2378	n	A	F	Boomer	Alfred	NA
## 2379	n	A	F	Boomer	Leroy	NA
## 2380	n	A	F	Boomer	Eddie	NA
## 2381	n	A	F	GenX	M	NA
## 2382	n	A	F	GenX	F	NA
## 2383	n	A	F	GenX	Boomer	NA
## 2384	n	A	F	GenX	GenX	NA
## 2385	n	A	F	GenX	Millenial	NA
## 2386	n	A	F	GenX	Theodore	NA
## 2387	n	A	F	GenX	Bernard	NA
## 2388	n	A	F	GenX	Gene	NA
## 2389	n	A	F	GenX	Herbert	NA
## 2390	n	A	F	GenX	Ray	NA
## 2391	n	A	F	Millenial	Tom	NA
## 2392	n	A	F	Millenial	Lee	NA

## 2393	n	A	F	Millenial	Alfred	NA
## 2394	n	A	F	Millenial	Leroy	NA
## 2395	n	A	F	Millenial	Eddie	NA
## 2396	n	A	F	Millenial	M	NA
## 2397	n	A	F	Millenial	F	NA
## 2398	n	A	F	Millenial	Boomer	NA
## 2399	n	A	F	Millenial	GenX	NA
## 2400	n	A	F	Millenial	Millenial	NA
## 2401	n	B	M	Boomer	Theodore	NA
## 2402	n	B	M	Boomer	Bernard	NA
## 2403	n	B	M	Boomer	Gene	NA
## 2404	n	B	M	Boomer	Herbert	NA
## 2405	n	B	M	Boomer	Ray	NA
## 2406	n	B	M	Boomer	Tom	NA
## 2407	n	B	M	Boomer	Lee	NA
## 2408	n	B	M	Boomer	Alfred	NA
## 2409	n	B	M	Boomer	Leroy	NA
## 2410	n	B	M	Boomer	Eddie	NA
## 2411	n	B	M	GenX	M	NA
## 2412	n	B	M	GenX	F	NA
## 2413	n	B	M	GenX	Boomer	NA
## 2414	n	B	M	GenX	GenX	NA
## 2415	n	B	M	GenX	Millenial	NA
## 2416	n	B	M	GenX	Theodore	NA
## 2417	n	B	M	GenX	Bernard	NA
## 2418	n	B	M	GenX	Gene	NA
## 2419	n	B	M	GenX	Herbert	NA
## 2420	n	B	M	GenX	Ray	NA
## 2421	n	B	M	Millenial	Tom	NA
## 2422	n	B	M	Millenial	Lee	NA
## 2423	n	B	M	Millenial	Alfred	NA
## 2424	n	B	M	Millenial	Leroy	NA
## 2425	n	B	M	Millenial	Eddie	NA
## 2426	n	B	M	Millenial	M	NA
## 2427	n	B	M	Millenial	F	NA
## 2428	n	B	M	Millenial	Boomer	NA
## 2429	n	B	M	Millenial	GenX	NA
## 2430	n	B	M	Millenial	Millenial	NA
## 2431	n	B	F	Boomer	Theodore	NA
## 2432	n	B	F	Boomer	Bernard	NA
## 2433	n	B	F	Boomer	Gene	NA
## 2434	n	B	F	Boomer	Herbert	NA
## 2435	n	B	F	Boomer	Ray	NA
## 2436	n	B	F	Boomer	Tom	NA
## 2437	n	B	F	Boomer	Lee	NA
## 2438	n	B	F	Boomer	Alfred	NA
## 2439	n	B	F	Boomer	Leroy	NA
## 2440	n	B	F	Boomer	Eddie	NA
## 2441	n	B	F	GenX	M	NA
## 2442	n	B	F	GenX	F	NA
## 2443	n	B	F	GenX	Boomer	NA
## 2444	n	B	F	GenX	GenX	NA
## 2445	n	B	F	GenX	Millenial	NA
## 2446	n	B	F	GenX	Theodore	NA

## 2447	n	B	F	GenX	Bernard NA
## 2448	n	B	F	GenX	Gene NA
## 2449	n	B	F	GenX	Herbert NA
## 2450	n	B	F	GenX	Ray NA
## 2451	n	B	F	Millenial	Tom NA
## 2452	n	B	F	Millenial	Lee NA
## 2453	n	B	F	Millenial	Alfred NA
## 2454	n	B	F	Millenial	Leroy NA
## 2455	n	B	F	Millenial	Eddie NA
## 2456	n	B	F	Millenial	M NA
## 2457	n	B	F	Millenial	F NA
## 2458	n	B	F	Millenial	Boomer NA
## 2459	n	B	F	Millenial	GenX NA
## 2460	n	B	F	Millenial	Millenial NA
## 2461	n	C	M	Boomer	Theodore NA
## 2462	n	C	M	Boomer	Bernard NA
## 2463	n	C	M	Boomer	Gene NA
## 2464	n	C	M	Boomer	Herbert NA
## 2465	n	C	M	Boomer	Ray NA
## 2466	n	C	M	Boomer	Tom NA
## 2467	n	C	M	Boomer	Lee NA
## 2468	n	C	M	Boomer	Alfred NA
## 2469	n	C	M	Boomer	Leroy NA
## 2470	n	C	M	Boomer	Eddie NA
## 2471	n	C	M	GenX	M NA
## 2472	n	C	M	GenX	F NA
## 2473	n	C	M	GenX	Boomer NA
## 2474	n	C	M	GenX	GenX NA
## 2475	n	C	M	GenX	Millenial NA
## 2476	n	C	M	GenX	Theodore NA
## 2477	n	C	M	GenX	Bernard NA
## 2478	n	C	M	GenX	Gene NA
## 2479	n	C	M	GenX	Herbert NA
## 2480	n	C	M	GenX	Ray NA
## 2481	n	C	M	Millenial	Tom NA
## 2482	n	C	M	Millenial	Lee NA
## 2483	n	C	M	Millenial	Alfred NA
## 2484	n	C	M	Millenial	Leroy NA
## 2485	n	C	M	Millenial	Eddie NA
## 2486	n	C	M	Millenial	M NA
## 2487	n	C	M	Millenial	F NA
## 2488	n	C	M	Millenial	Boomer NA
## 2489	n	C	M	Millenial	GenX NA
## 2490	n	C	M	Millenial	Millenial NA
## 2491	n	C	F	Boomer	Theodore NA
## 2492	n	C	F	Boomer	Bernard NA
## 2493	n	C	F	Boomer	Gene NA
## 2494	n	C	F	Boomer	Herbert NA
## 2495	n	C	F	Boomer	Ray NA
## 2496	n	C	F	Boomer	Tom NA
## 2497	n	C	F	Boomer	Lee NA
## 2498	n	C	F	Boomer	Alfred NA
## 2499	n	C	F	Boomer	Leroy NA
## 2500	n	C	F	Boomer	Eddie NA

```
## 2501      n      C      F      GenX      M NA
## 2502      n      C      F      GenX      F NA
## 2503      n      C      F      GenX      Boomer NA
## 2504      n      C      F      GenX      GenX NA
## 2505      n      C      F      GenX      Millenial NA
## 2506      n      C      F      GenX      Theodore NA
## 2507      n      C      F      GenX      Bernard NA
## 2508      n      C      F      GenX      Gene NA
## 2509      n      C      F      GenX      Herbert NA
## 2510      n      C      F      GenX      Ray NA
## 2511      n      C      F      Millenial      Tom NA
## 2512      n      C      F      Millenial      Lee NA
## 2513      n      C      F      Millenial      Alfred NA
## 2514      n      C      F      Millenial      Leroy NA
## 2515      n      C      F      Millenial      Eddie NA
## 2516      n      C      F      Millenial      M NA
## 2517      n      C      F      Millenial      F NA
## 2518      n      C      F      Millenial      Boomer NA
## 2519      n      C      F      Millenial      GenX NA
## 2520      n      C      F      Millenial      Millenial NA
```

Packages

Install the package `pacman` using regular base R.

```
#install.packages("pacman")
```

First, install the package `testthat` (a widely accepted testing suite for R) from <https://github.com/r-lib/testthat> using `pacman`. If you are using Windows, this will be a long install, but you have to go through it for some of the stuff we are doing in class. LINUX (or MAC) is preferred for coding. If you can't get it to work, install this package from CRAN (still using `pacman`), but this is not recommended long term.

```
pacman::p_load(testthat)
```

- Create vector `v` consisting of all numbers from -100 to 100 and test using the second line of code su

```
#v= seq(-100, 100)
#expect_equal(v, -100 : 101)
```

If there are any errors, the `expect_equal` function will tell you about them. If there are no errors, then it will be silent.

Test the `my_reverse` function from lab2 using the following code:

```
v=seq(-100,100)
my_reverse = function(v){
  v[length(v):1]
}
expect_equal(my_reverse(v), rev(v))
expect_equal(my_reverse(c("A", "B", "C")), c("C", "B", "A"))
```

Multinomial Classification using KNN

Write a $k = 1$ nearest neighbor algorithm using the Euclidean distance function. This is standard “Roxygen” format for documentation. Hopefully, we will get to packages at some point and we will go over this again. It is your job also to fill in this documentation.

```

#' TO-DO: Provide a name for this function
#' knn_euclidean(x){}
#' TO-DO: Explain what this function does in a few sentences
#' This function uses the k-nearest neighbor algorithm
#' @param Xinput      This data trains as a matrix
#' @param y_binary    This data trains as a vector
#' @param Xtest       This data tests the matrix
#' @return            returns the parameter as a vector
nn_algorithm_predict = function(Xinput, y_binary, Xtest){
}

```

Write a few tests to ensure it actually works:

#TO-DO

We now add an argument `d` representing any legal distance function to the `nn_algorithm_predict` function. Update the implementation so it performs NN using that distance function. Set the default function to be the Euclidean distance in the original function. Also, alter the documentation in the appropriate places.

#TO-DO