

## CSC 433 project 5b

Sarah Cummings

Code:

```
setwd("/Users/sarahcummings/Documents/csc433/RData/")
```

```
readStatesData3 <- function(v){  
  state<-readLines(con=v,n=1)  
  table<-read.table(v, skip=1, sep=',')  
  list1<-list(state,table)  
  return(list1)  
}
```

```
#create an empty list to add our state lists to  
list <- list()
```

```
#begin the for loop that will create our list of lists  
#ignore and keep running if errors
```

```
for(i in 1:50){  
  tryCatch({  
    file<-(paste("state",i,".txt",sep=""))  
    list<-c(list, readStatesData3(file))  
  }, error=function(e){})  
}
```

```
#return the final list  
list
```

```
#my final list was successfully created with 102 items
```

**My output was :**

[[1]]

[1] "Alabama"

[[2]]

	V1	V2	V3
1	1	Birmingham	242820
2	2	Montgomery	201568
3	3	Mobile	198915
4	4	Huntsville	158216
5	5	Tuscaloosa	77906
6	6	Hoover	62742
7	7	Dothan	57737
8	8	Decatur	53929
9	9	Auburn	42987
10	10	Gadsden	38978

[[3]]

[1] "Alaska"

[[4]]

	V1	V2	V3
1	1	Anchorage	260283
2	2	Juneau	30711
3	3	Fairbanks	30224
4	4	Sitka	8835
5	5	Ketchikan	7922
6	6	Kenai	6942
7	7	Kodiak	6334
8	8	Bethel	5471
9	9	Wasilla	5469
10	10	Barrow	4581

[[5]]

[1] "Alabama"

[[6]]

	V1	V2	V3
--	----	----	----

1	1	Birmingham	242820
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[[7]]

[1] "Alaska"

[[8]]

	V1	V2	V3
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**and etc.**