Project 6

1

Rank the states according to how many times that their citizens contributed (i.e., total number of donations). Which 5 states made the largest numbers of contributions?

```
pizza=read.delim("pizza.txt",sep = "|", header = F)

tail(sort(table(pizza$V10)),5)
```

```
##
##      PA      FL      TX      NY      CA
##  608453  624778  991189 1125774 2206525
```

2

Use awk in the terminal to verify your solution to question 1.

```
cat pizza.txt |awk -F'|' '{count[$10] = count[$10] + 1} END{for (i in count) print i, count [i]}' | sor
# PA 608453
# FL 624778
# TX 991189
# NY 1125774
# CA 2206525
```

3

Now (instead) rank the states according to how much money their citizens contributed (i.e., total amount of donations). Which 5 states contributed the largest amount of money?

```
tail(sort(tapply(pizza$V15,pizza$V10,sum)))
```

```
##         IL        DC        FL        TX        NY        CA
## 177841523 212492639 216414586 264277990 376342860 547024193
```