Allison-Sylvest-DSC-520-Week-4-Assignment-1.R

sylve

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```
# Assignment: ASSIGNMENT 4.2 Exercise Code
# Name: Sylvest, Allison
# Date: 2021-04-11

# 3)

#read the file

x=read.csv("scores.csv")

# create variable that holds sports subset of your data

SP=subset(x,Section=="Sports")
head(SP)
```

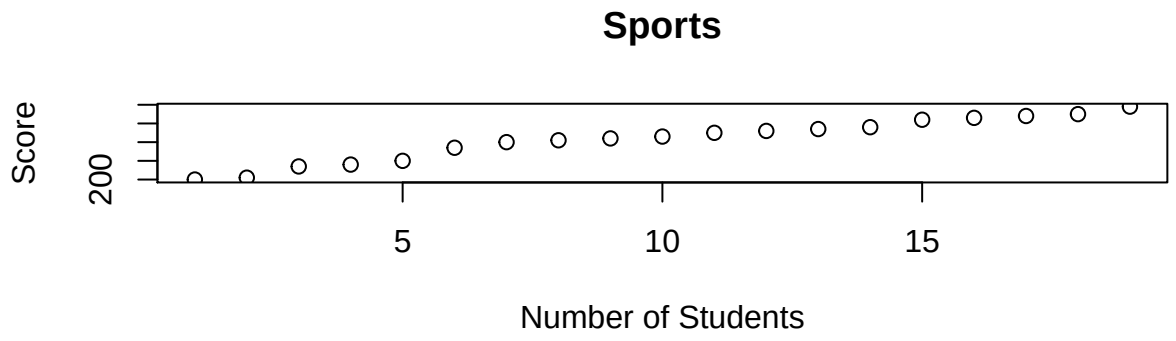
```
##   Count Score Section
## 1    10   200  Sports
## 2    10   205  Sports
## 3    20   235  Sports
## 4    10   240  Sports
## 5    10   250  Sports
## 8    30   285  Sports
```

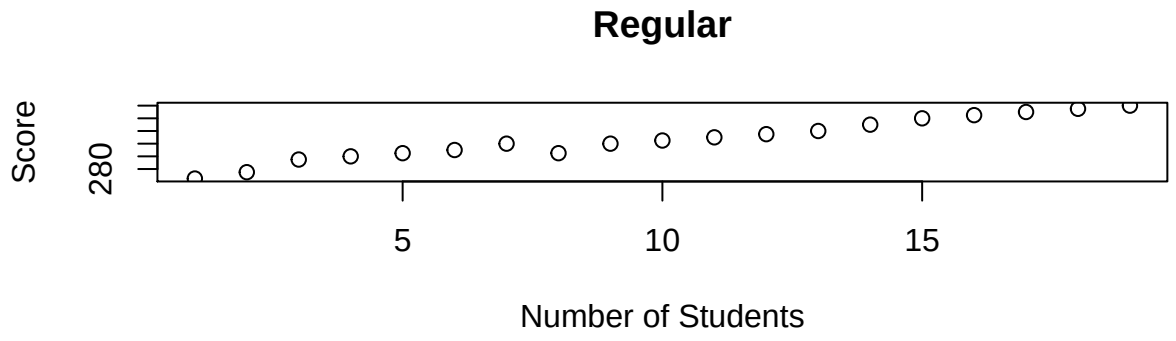
```
# create a variable that holds regular subset of your data

RE=subset(x,Section=="Regular")
head(RE)
```

```
##    Count Score Section
## 6     10   265 Regular
## 7     10   275 Regular
## 9     10   295 Regular
## 10    10   300 Regular
## 13    10   305 Regular
## 14    10   310 Regular
```

```
# 4)

# Use the Plot function to plot each Sections scores and the number of students
# achieving that score
```

```
Score1=SP[,2]
Score2=RE[,2]
par(mfrow=c(2,1))
plot(Score1, xlab="Number of Students", ylab="Score", main="Sports")
plot(Score2, xlab="Number of Students", ylab="Score", main="Regular")
```






```
mean.score1=mean(Score1)
print(mean.score1)
```

```
## [1] 307.3684
```

```
mean.score2=mean(Score2)
print(mean.score2)
```

```
## [1] 327.6316
```