

STAT690ABSHW1

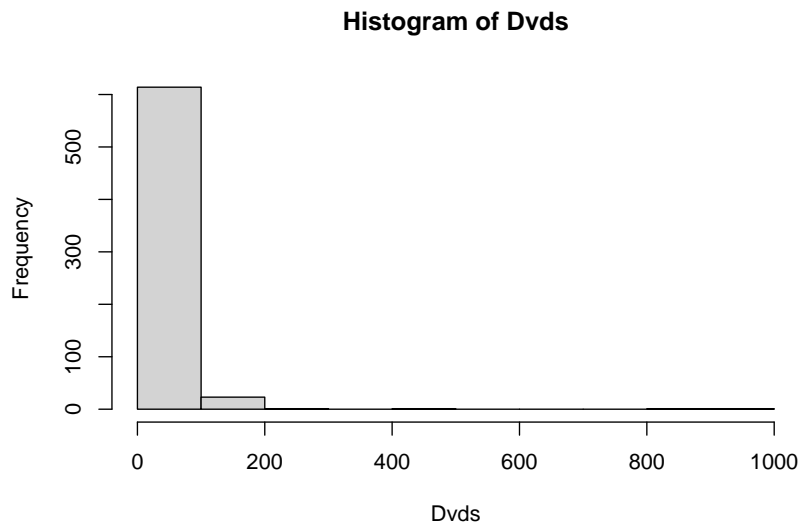
YuWang

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2 Programming

(a)

```
data(studentdata)
Dvds <- studentdata$Dvds
hist(Dvds)
```



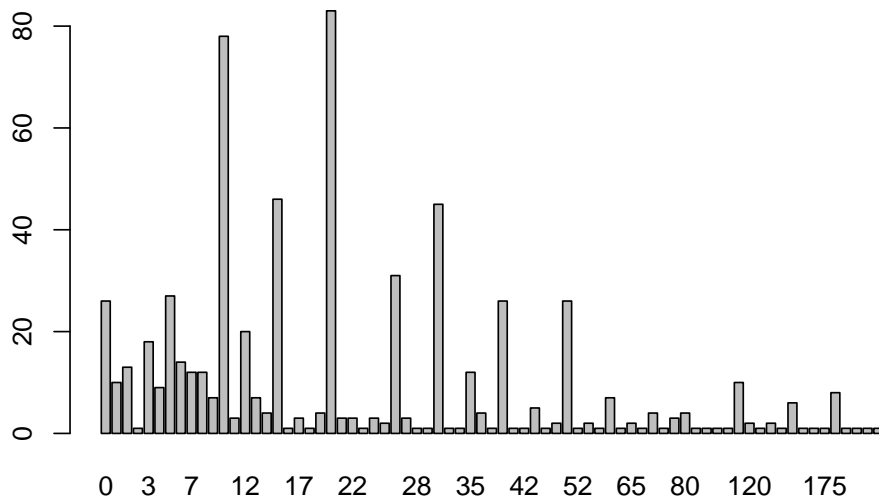
(b)

```
summary(Dvds)
```

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
##	0.00	10.00	20.00	30.93	30.00	1000.00	16

(c)

```
#table(Dvds)
barplot(table(Dvds))
```



We could see that when the numbers of Dvds is equal to 10,15,20,etc, It would have higher values. Therefore may be 5 dvds was regards as a set and student will be willing to have a set instead of buying one by one.