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#1

```
set.seed(100)
```

```
height <- round(rnorm(50,170,15),2)
```

#2

```
set.seed(100)
```

```
gender = sample(c("male","female"),50,replace = TRUE,c(0.4,0.6))
```

#3

```
mydata = data.frame(height,gender)
```

```
head(mydata,10)
```

#4

```
barplot(table(gender))
```

#5

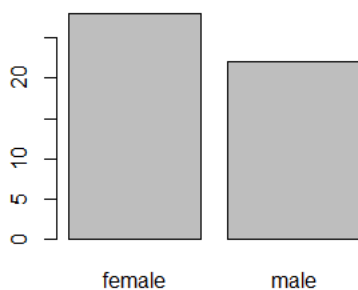
```
hist(height,breaks = seq(135,210,by=5), right = F,freq = T,main = "Height", col = blues9)
```

#6

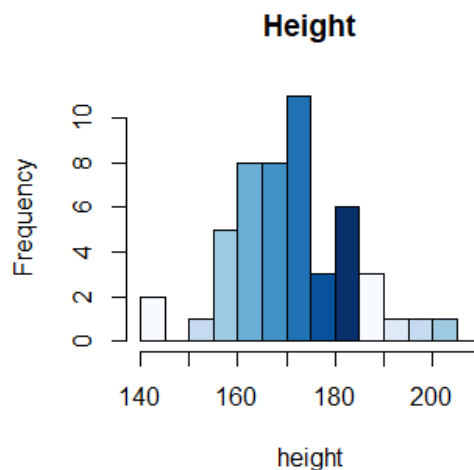
```
boxplot(height~gender)
```

#7

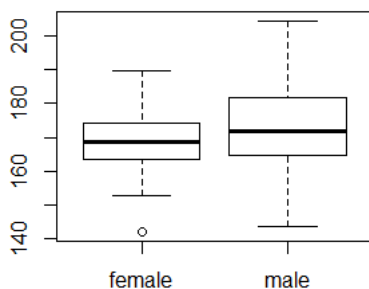
```
aggregate(height,list(gender),summary)
```



➤ #4



➤ #5



➤ #6

```
> #7
> aggregate(height,list(gender),summary)
  Group.1  x.Min. x.1st Qu. x.Median
1 female 141.8200 163.4275 168.7250
2  male 143.3500 165.0800 171.6450
  x.Mean x.3rd Qu.  x.Max.
1 168.9918 174.1425 189.8300
2 174.0609 181.5650 204.6500
```

➤ #7