

Histogram

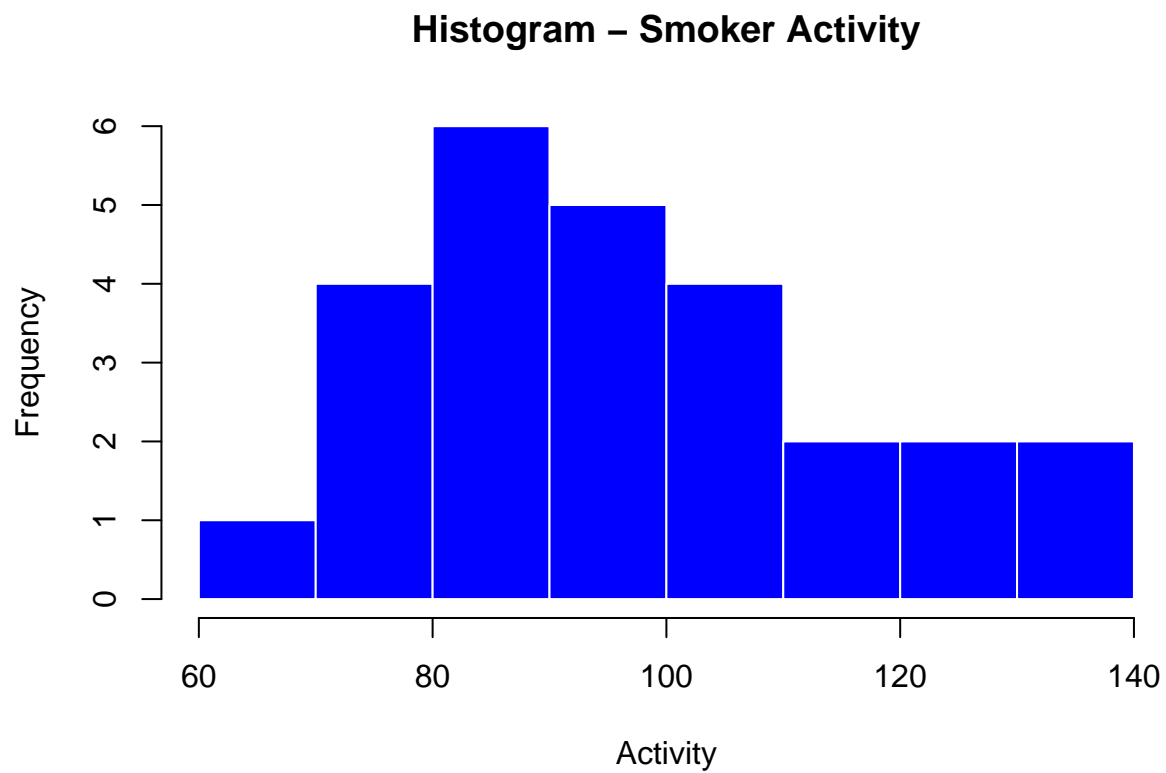
Mochammad Ariel Sulton

2023-09-03

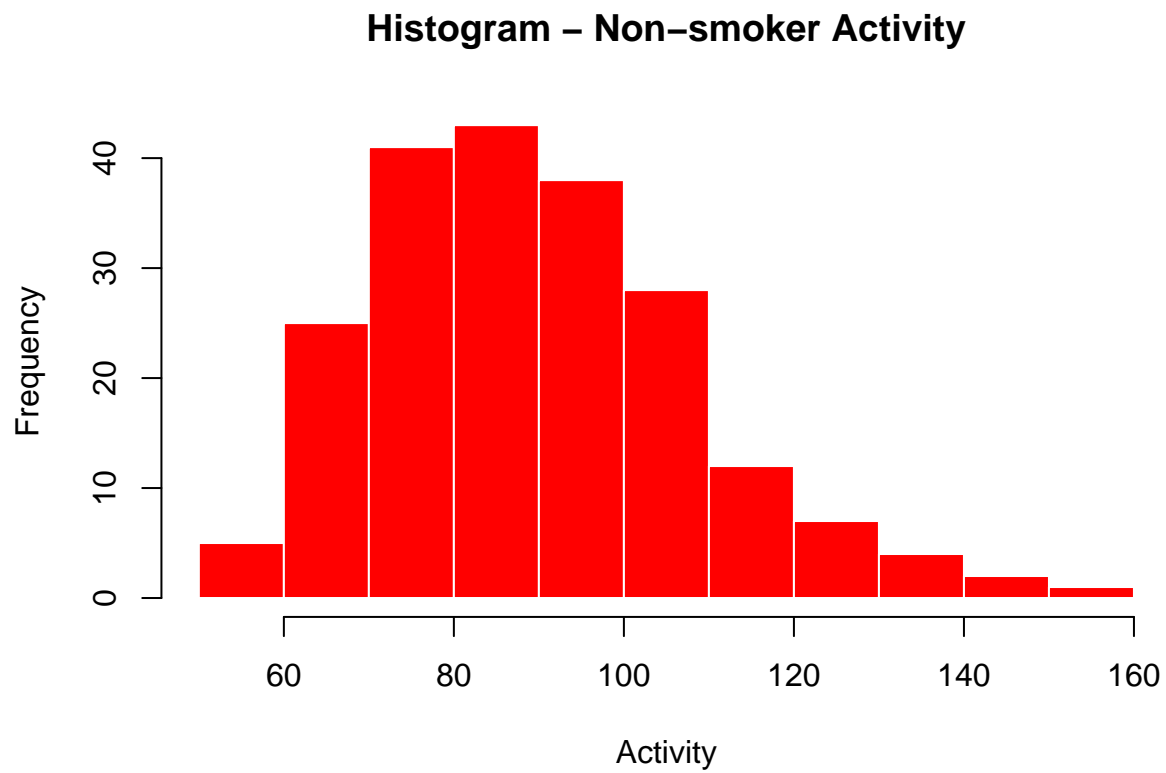
```
data1 <- read.csv("pulse.csv")

active <- data1[, 1]
rest <- data1[, 2]
smoke <- data1[, 3]
gender <- data1[, 4]
exercise <- data1[, 5]
hgt <- data1[, 6]
wgt <- data1[, 7]

hist(active[smoke == "1"], xlab = "Activity", col = "blue", border = "white", main = "Histogram - Smoker Activity")
```

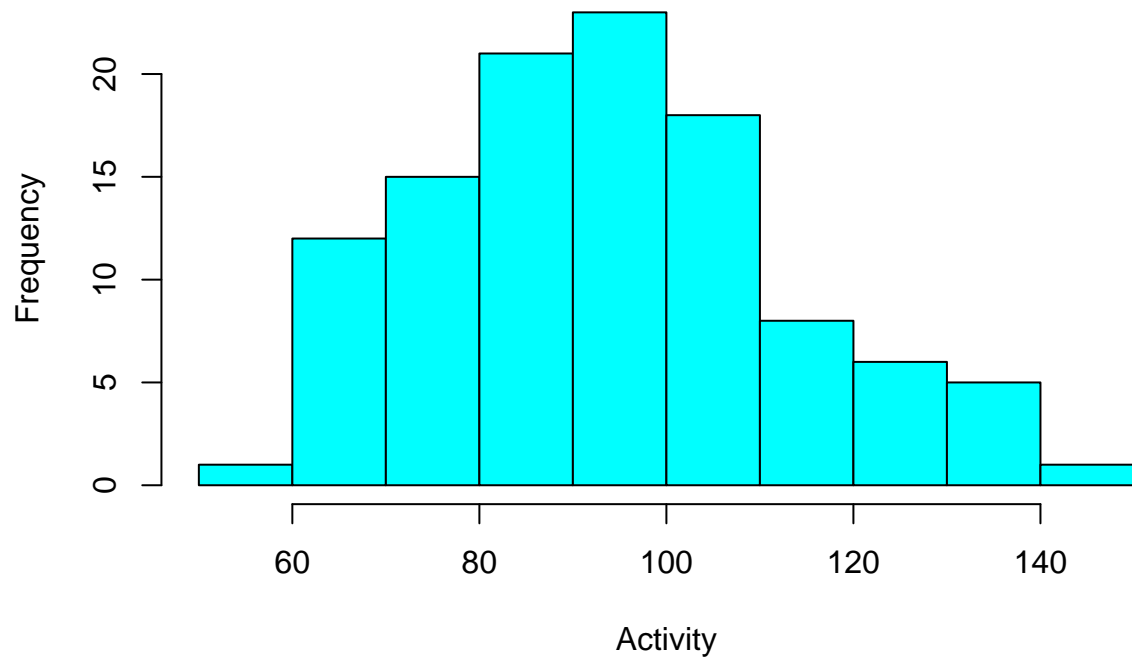


```
hist(active[smoke == "0"], xlab = "Activity", col = "red", border = "white", main = "Histogram - Non-smoker Activity")
```



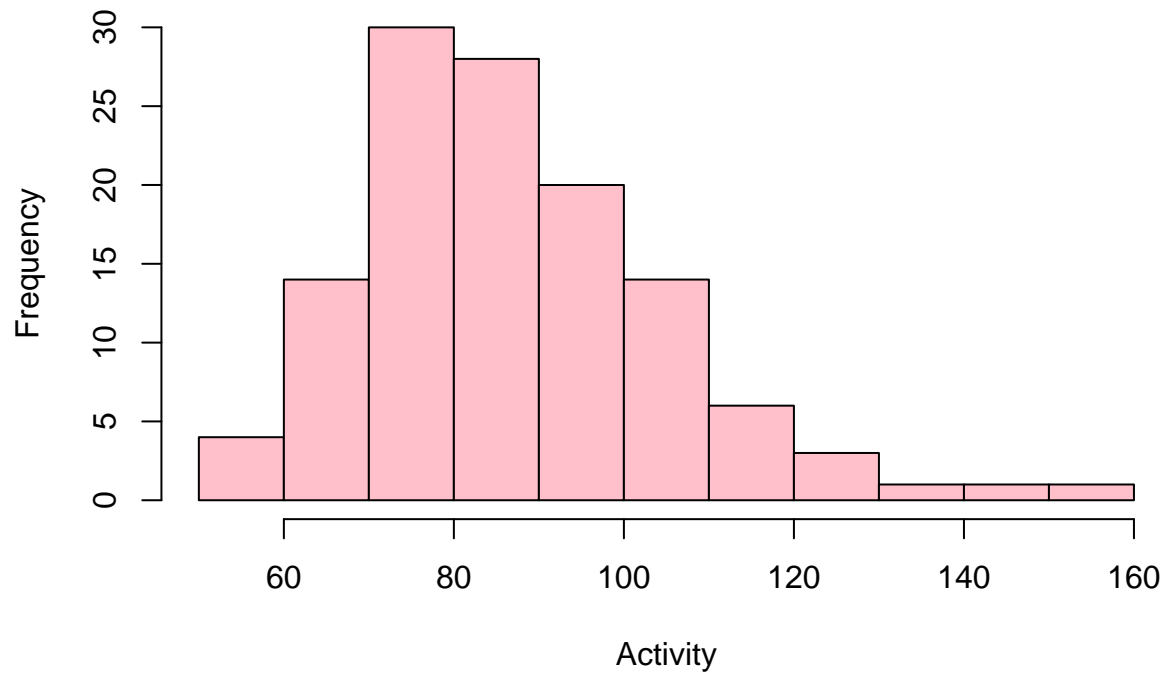
```
hist(active[gender == "1"], xlab = "Activity", col = "cyan", border = "black", main = "Histogram - Male Activity")
```

Histogram – Male Activity



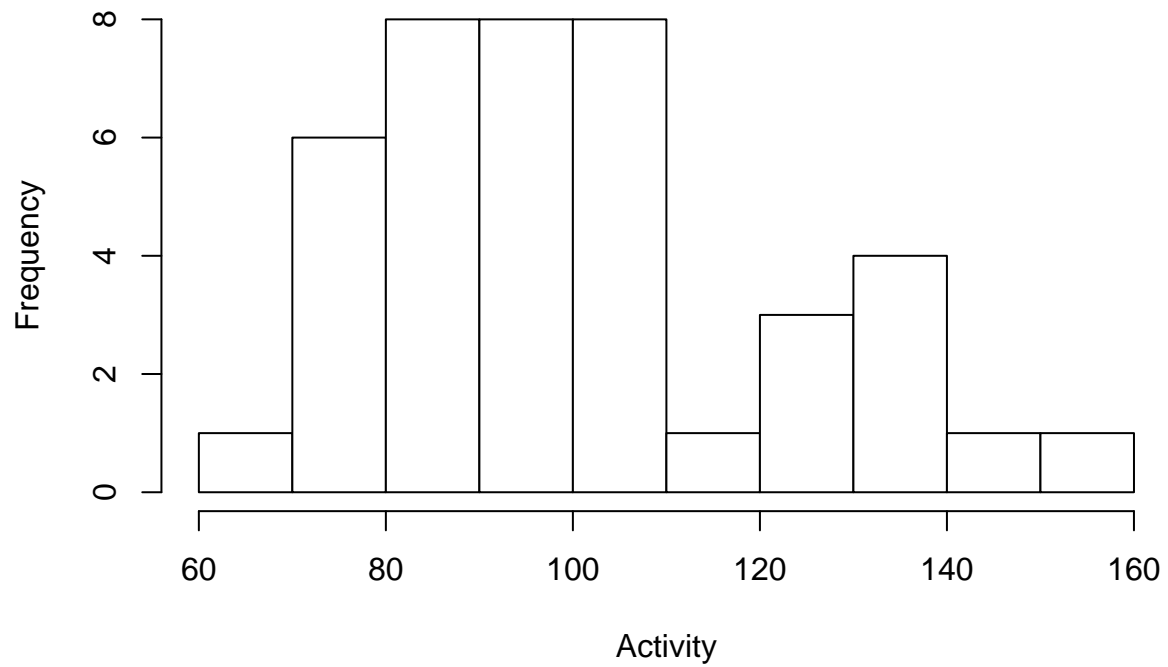
```
hist(active[gender == "0"], xlab = "Activity", col = "pink", border = "black", main = "Histogram - Female")
```

Histogram – Female Activity



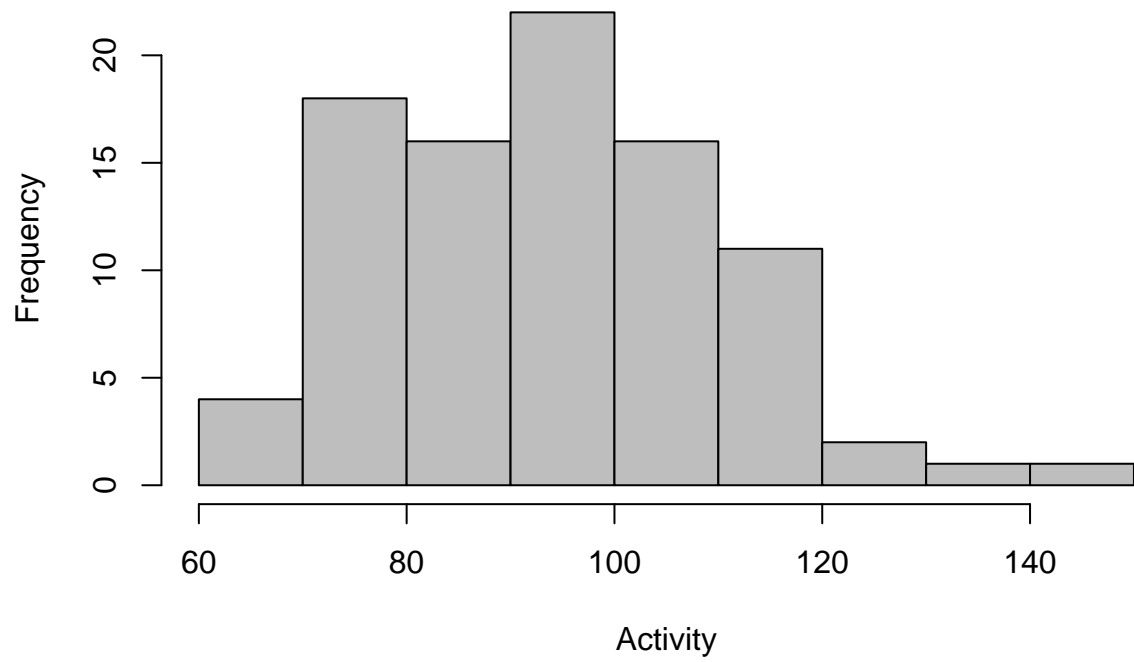
```
hist(active[exercise == "1"], xlab = "Activity", col = "white", border = "black", main = "Histogram - E
```

Histogram – Exerciser lvl 1 Activity



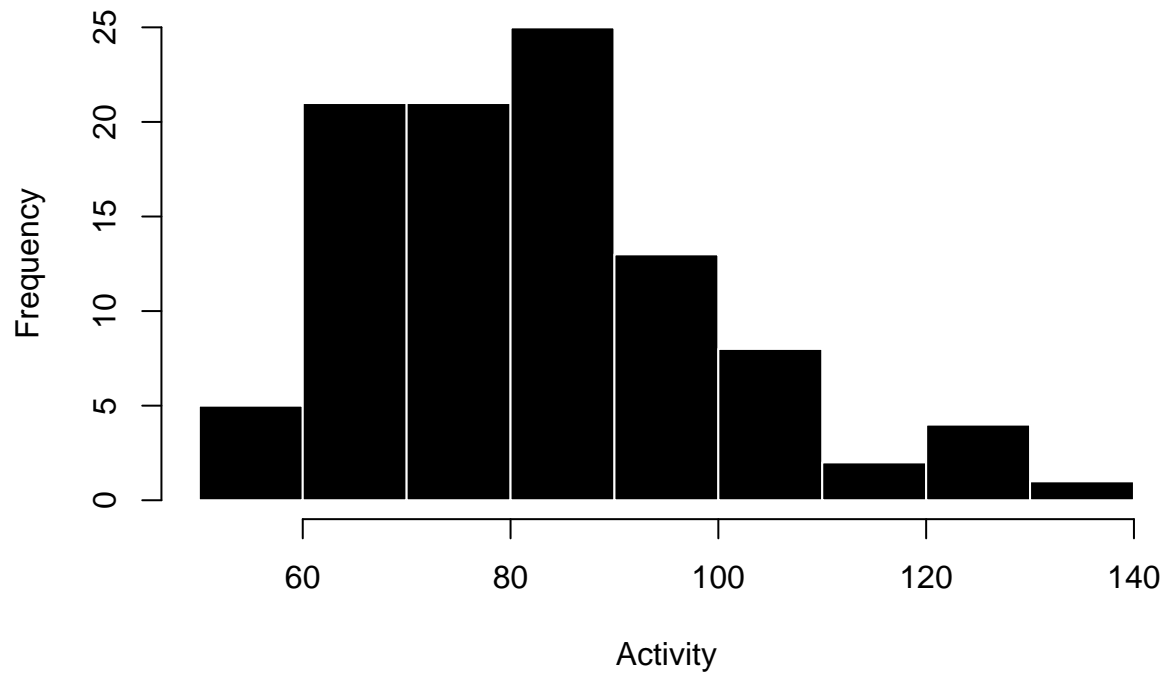
```
hist(active[exercise == "2"], xlab = "Activity", col = "grey", border = "black", main = "Histogram - Ex
```

Histogram – Exerciser lvl 2 Activity



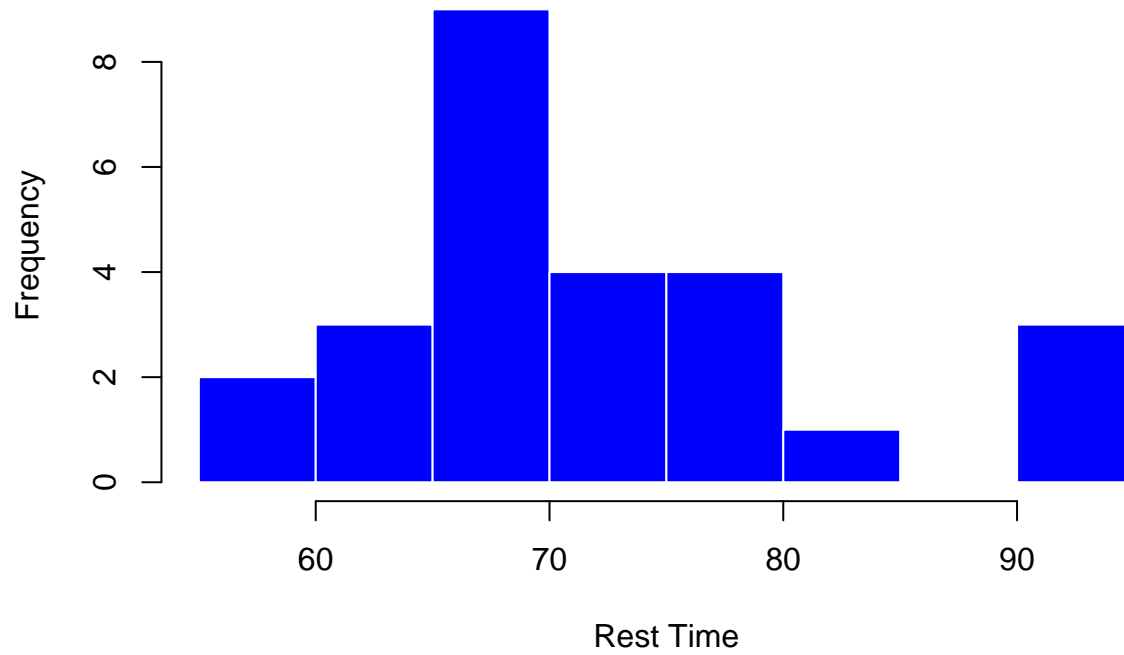
```
hist(active[exercise == "3"], xlab = "Activity", col = "black", border = "white", main = "Histogram - E
```

Histogram – Exerciser lvl 3 Activity



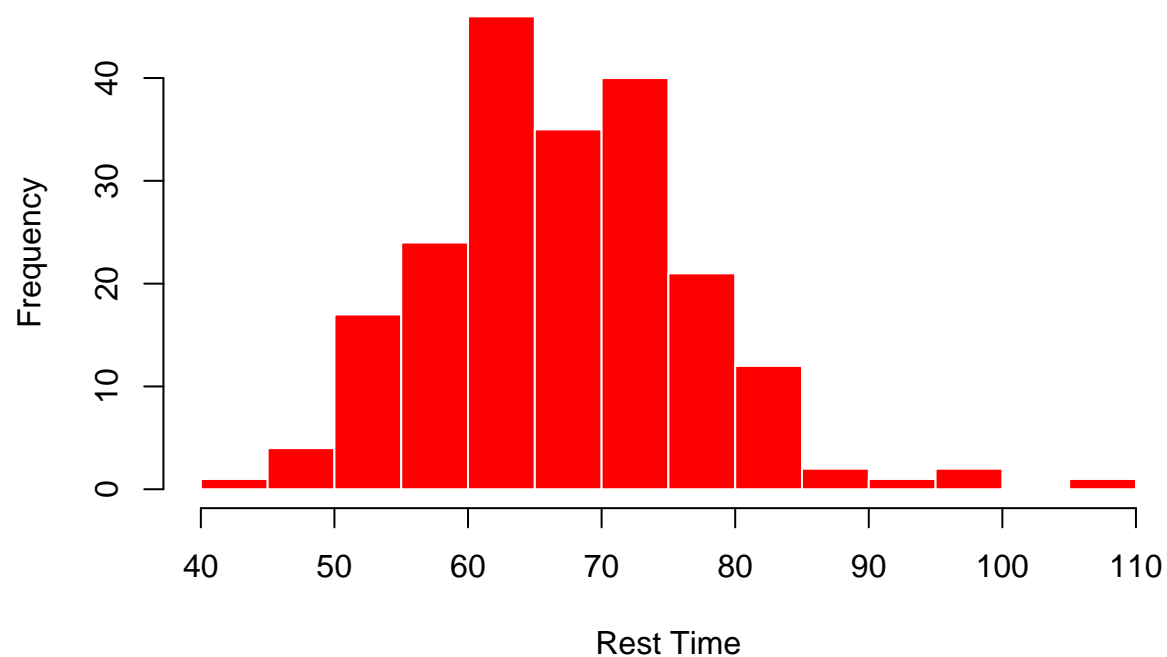
```
hist(rest[smoke == "1"], xlab = "Rest Time", col = "blue", border = "white", main = "Histogram - Smoker
```

Histogram – Smoker Rest Time



```
hist(rest[smoke == "0"], xlab = "Rest Time", col = "red", border = "white", main = "Histogram - Non-smol
```


Histogram – Non-smoker Rest Time

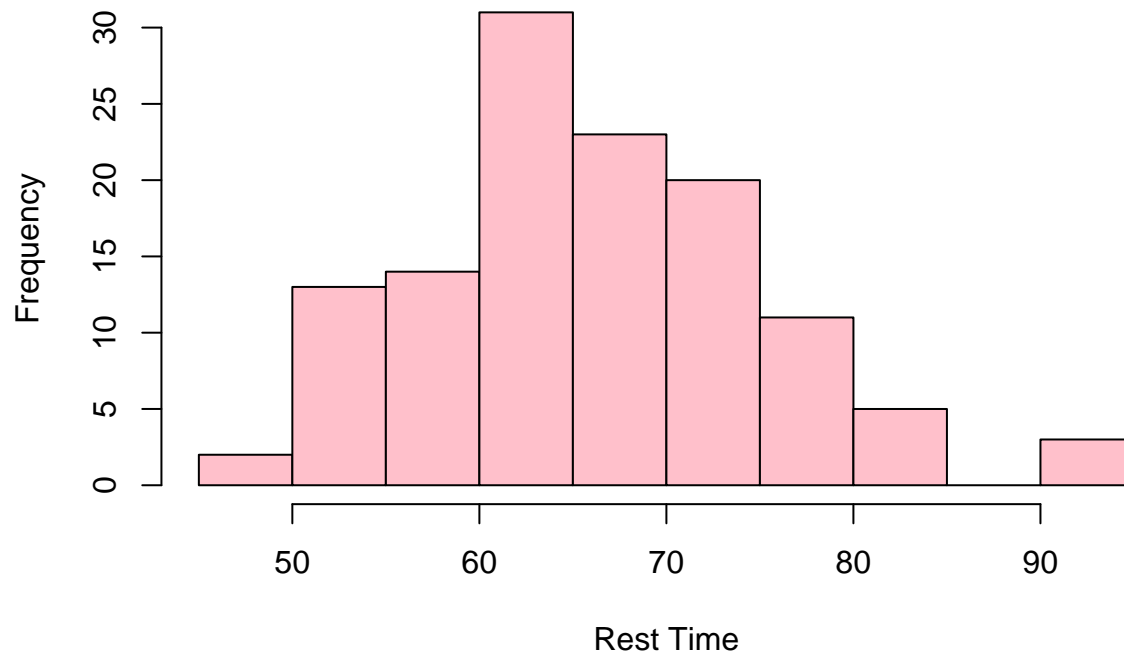


```
hist(rest[gender == "1"], xlab = "Rest Time", col = "cyan", border = "black", main = "Histogram - Male 1")
```



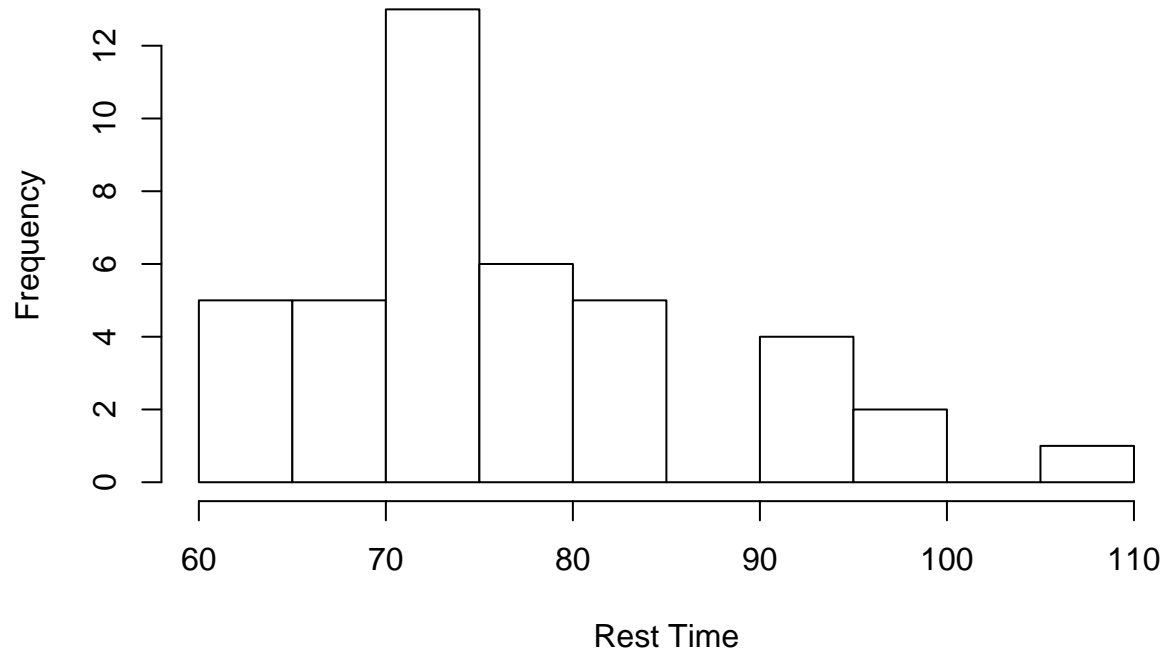
```
hist(rest[gender == "0"], xlab = "Rest Time", col = "pink", border = "black", main = "Histogram – Female Rest Time")
```

Histogram – Female Rest Time



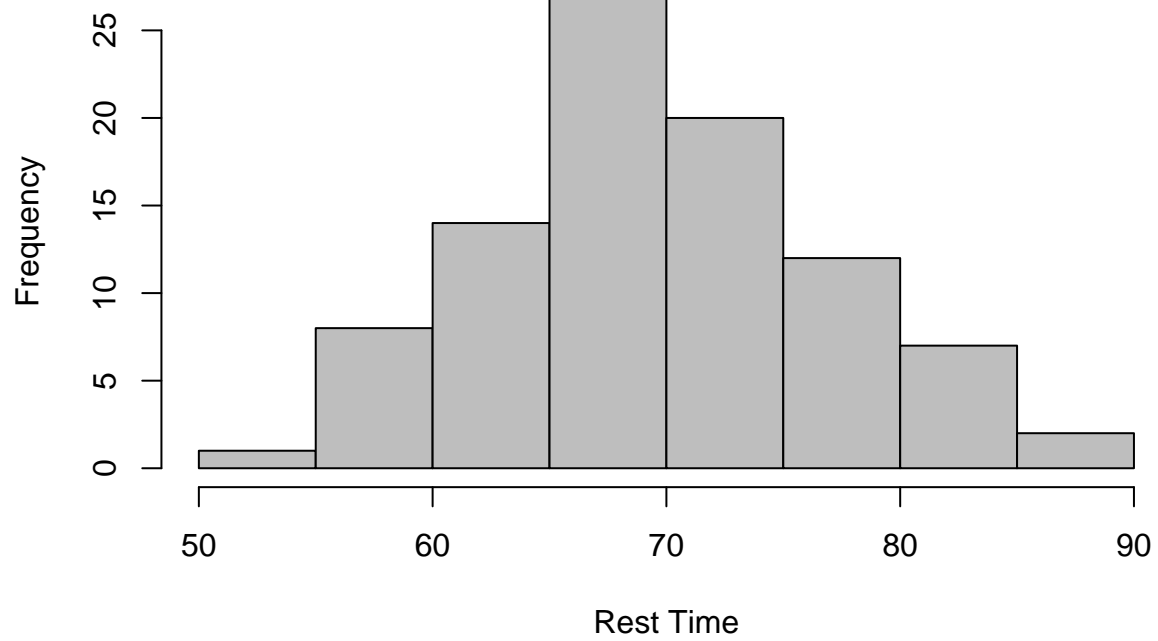
```
hist(rest[exercise == "1"], xlab = "Rest Time", col = "white", border = "black", main = "Histogram - Ex
```

Histogram – Exerciser lvl 1 Rest Time



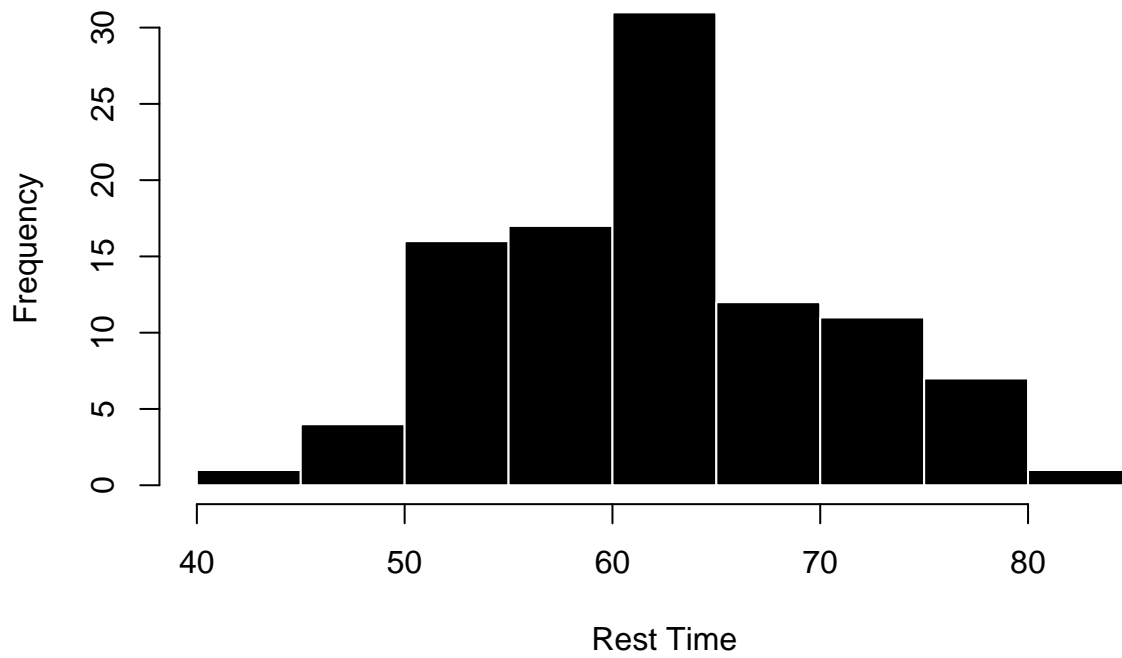
```
hist(rest[exercise == "2"], xlab = "Rest Time", col = "grey", border = "black", main = "Histogram - Exe
```

Histogram – Exerciser lvl 2 Rest Time



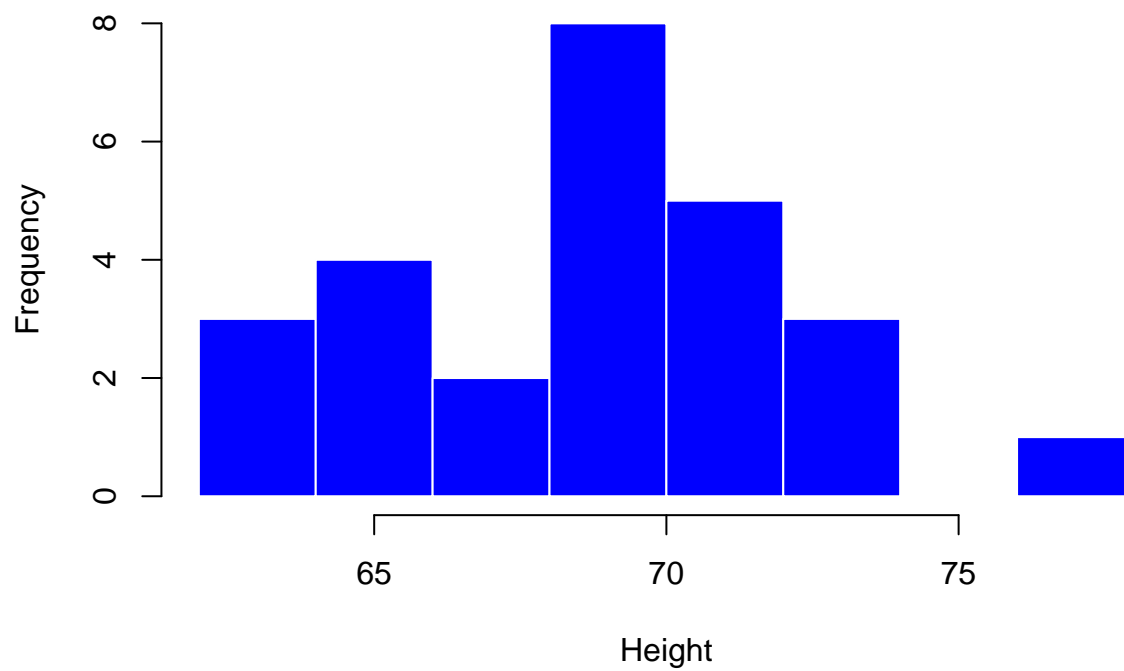
```
hist(rest[exercise == "3"], xlab = "Rest Time", col = "black", border = "white", main = "Histogram - Ex
```

Histogram – Exerciser lvl 3 Rest Time



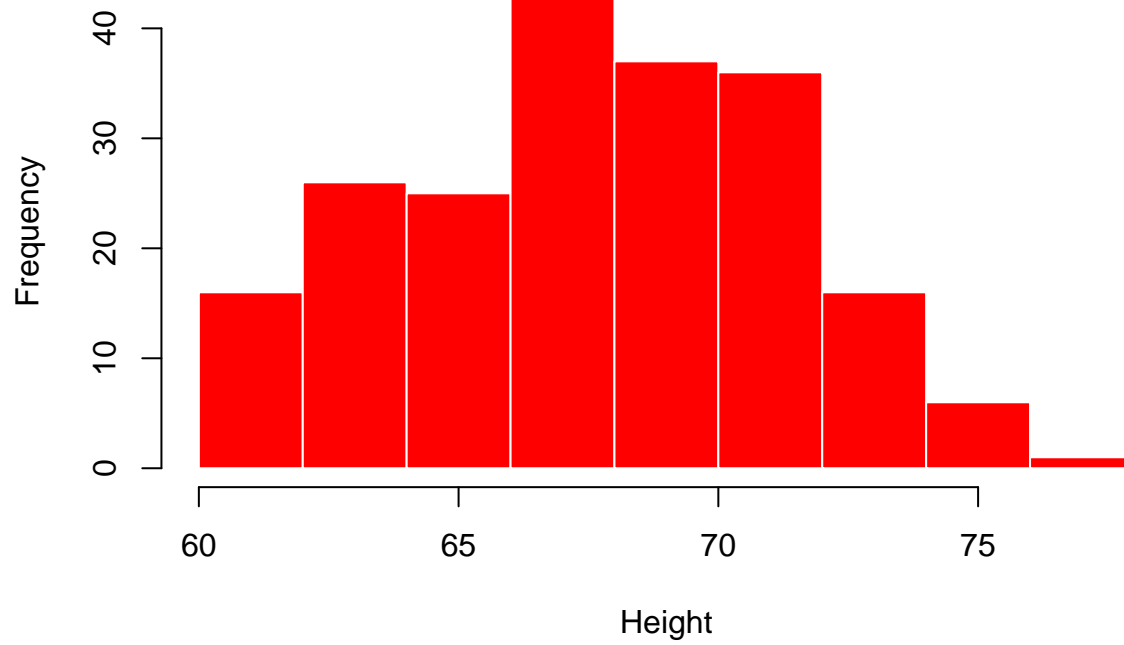
```
hist(hgt[smoke == "1"], xlab = "Height", col = "blue", border = "white", main = "Histogram - Smoker Height")
```

Histogram – Smoker Heights

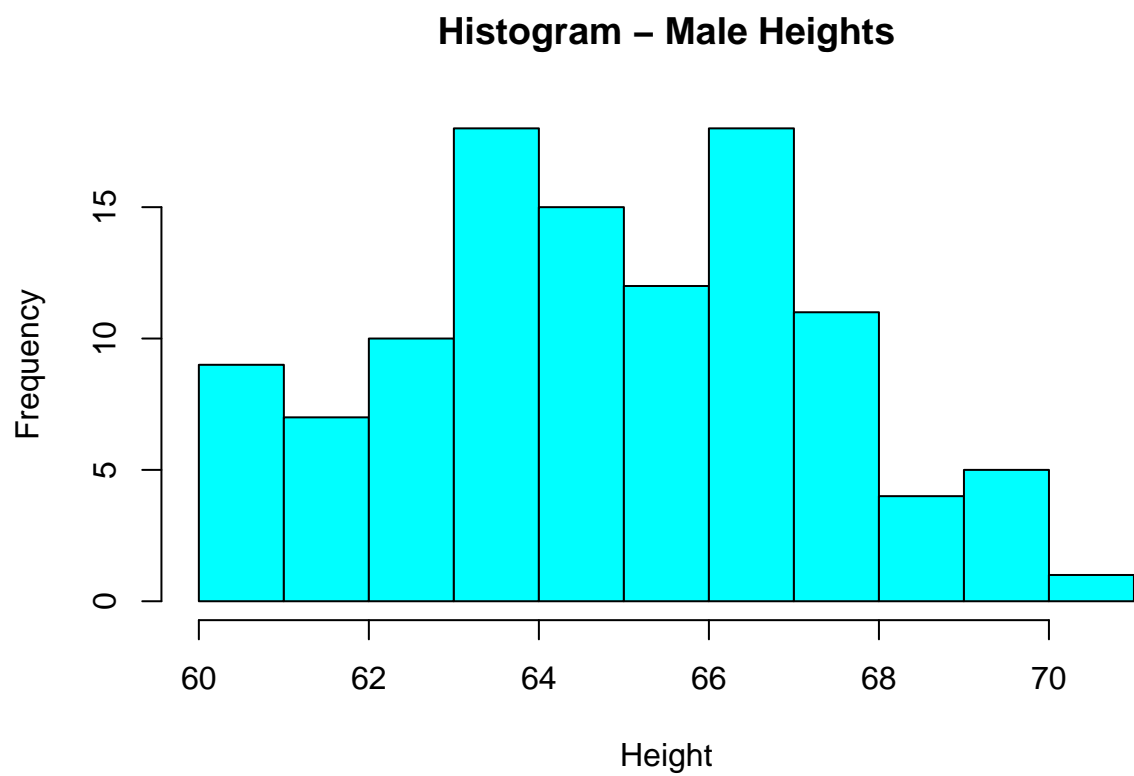


```
hist(hgt[smoke == "0"], xlab = "Height", col = "red", border = "white", main = "Histogram - Non-smoker Heights")
```

Histogram – Non-smoker Heights

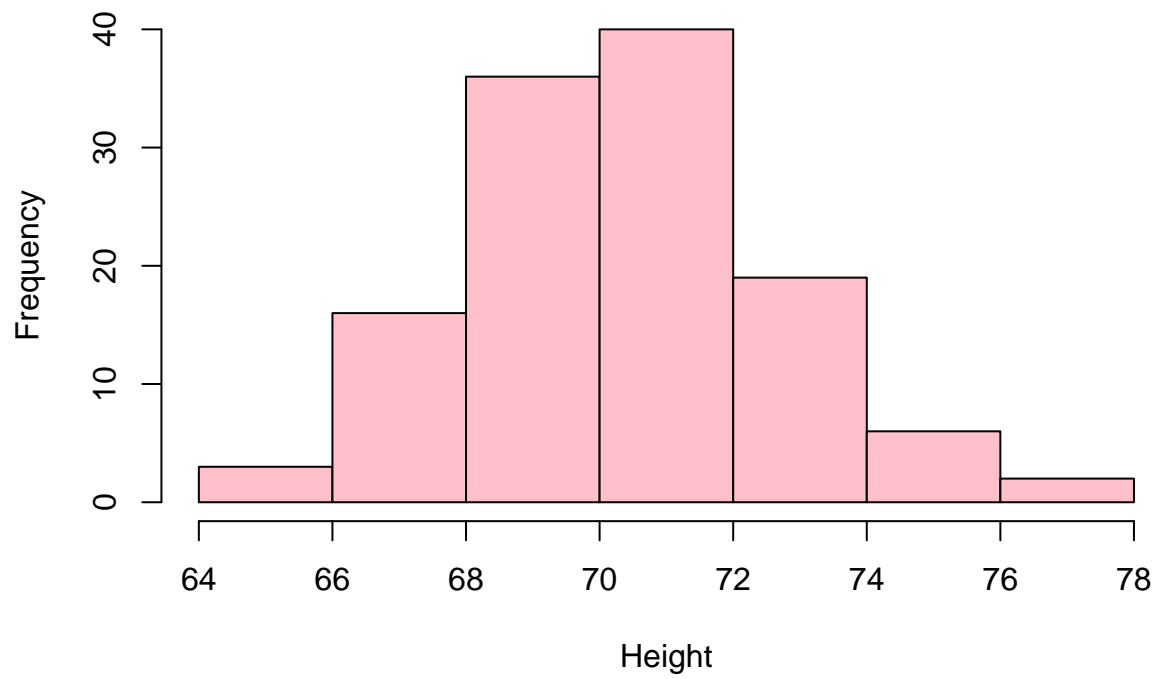


```
hist(hgt[gender == "1"], xlab = "Height", col = "cyan", border = "black", main = "Histogram - Male Height")
```

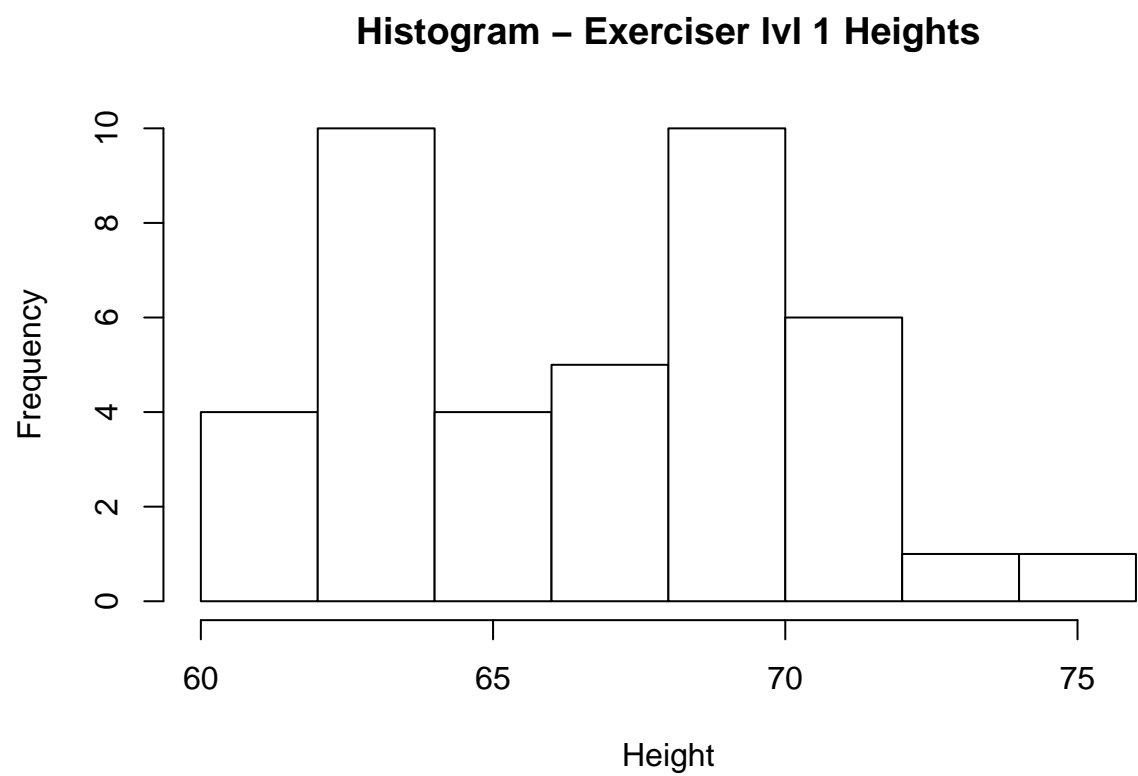



```
hist(hgt[gender == "0"], xlab = "Height", col = "pink", border = "black", main = "Histogram - Female He
```

Histogram – Female Heights

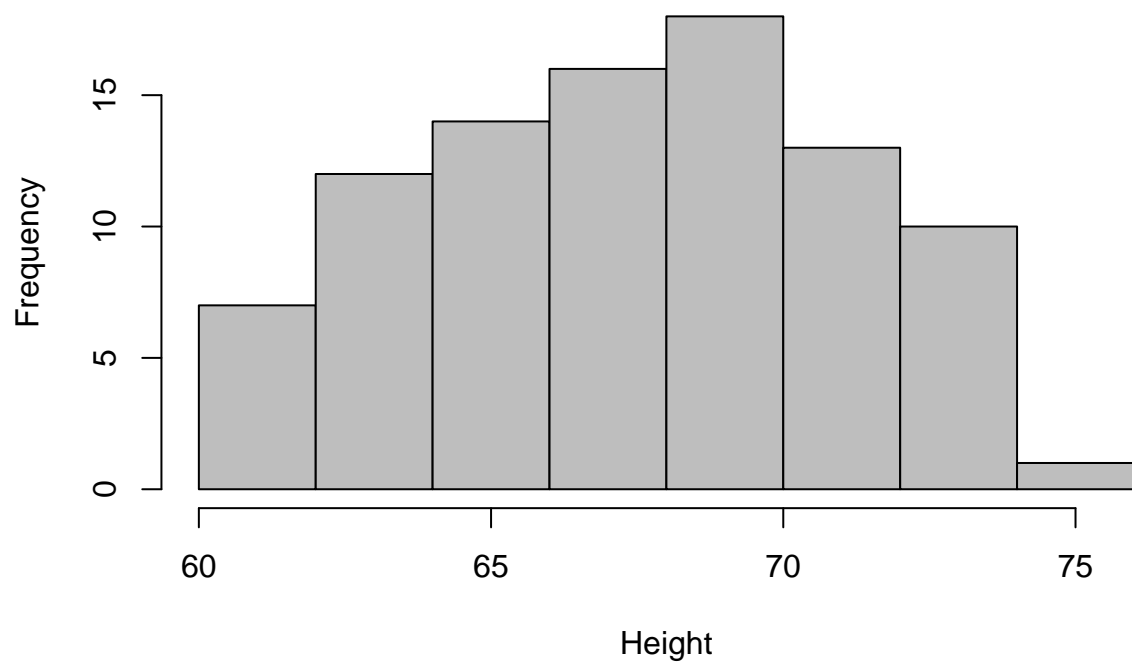


```
hist(hgt[exercise == "1"], xlab = "Height", col = "white", border = "black", main = "Histogram - Exercis
```



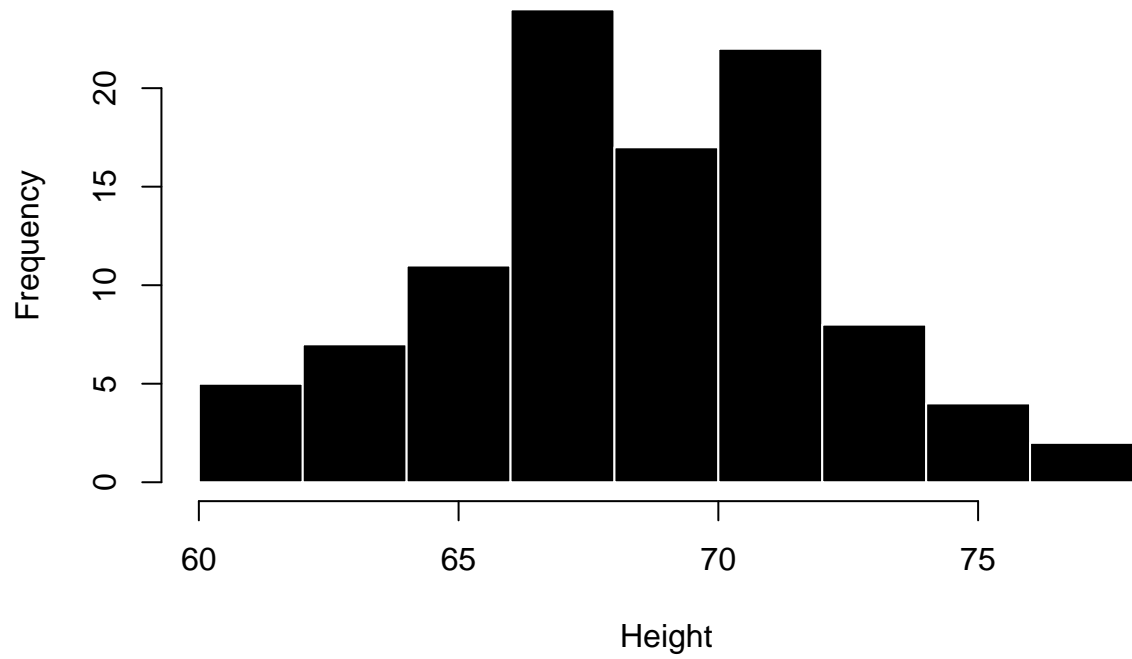
```
hist(hgt[exercise == "2"], xlab = "Height", col = "grey", border = "black", main = "Histogram – Exerciser lvl 1 Heights")
```

Histogram – Exerciser lvl 2 Heights



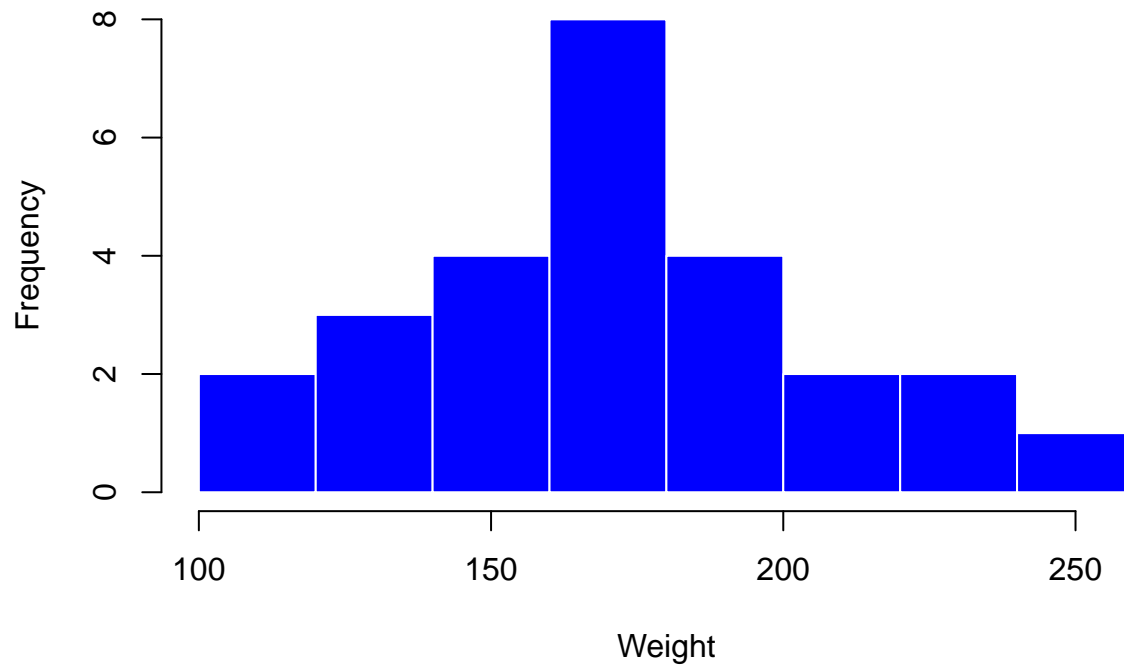
```
hist(hgt[exercise == "3"], xlab = "Height", col = "black", border = "white", main = "Histogram – Exerciser lvl 2 Heights")
```

Histogram – Exerciser lvl 3 Heights



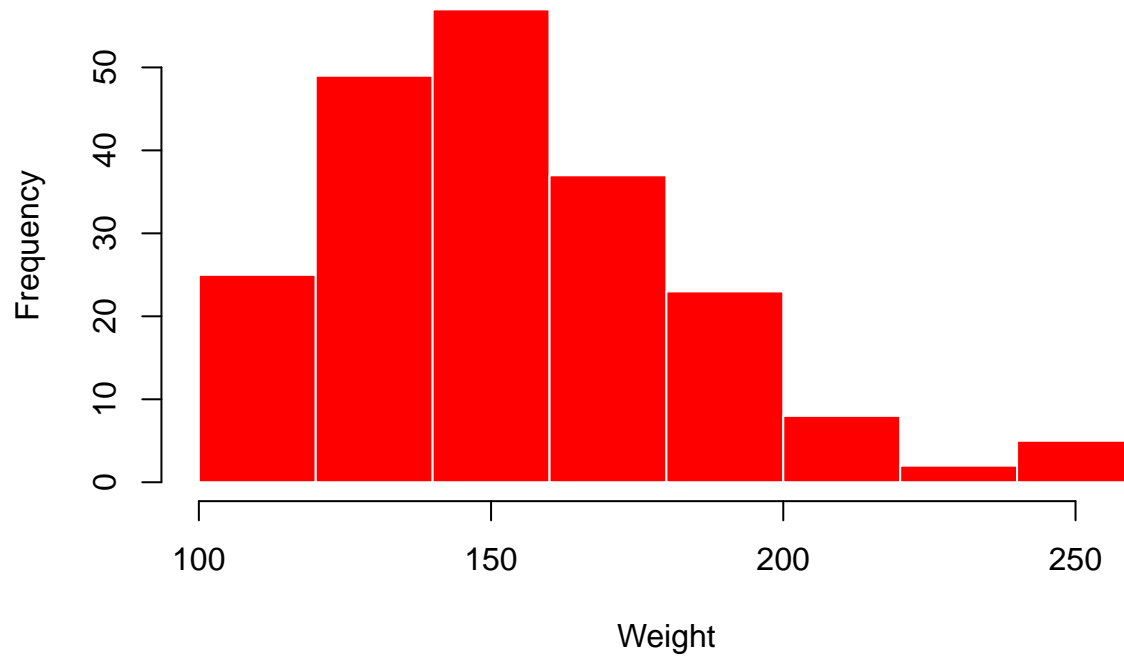
```
hist(wgt[smoke == "1"], xlab = "Weight", col = "blue", border = "white", main = "Histogram - Smoker Weight")
```

Histogram – Smoker Weights

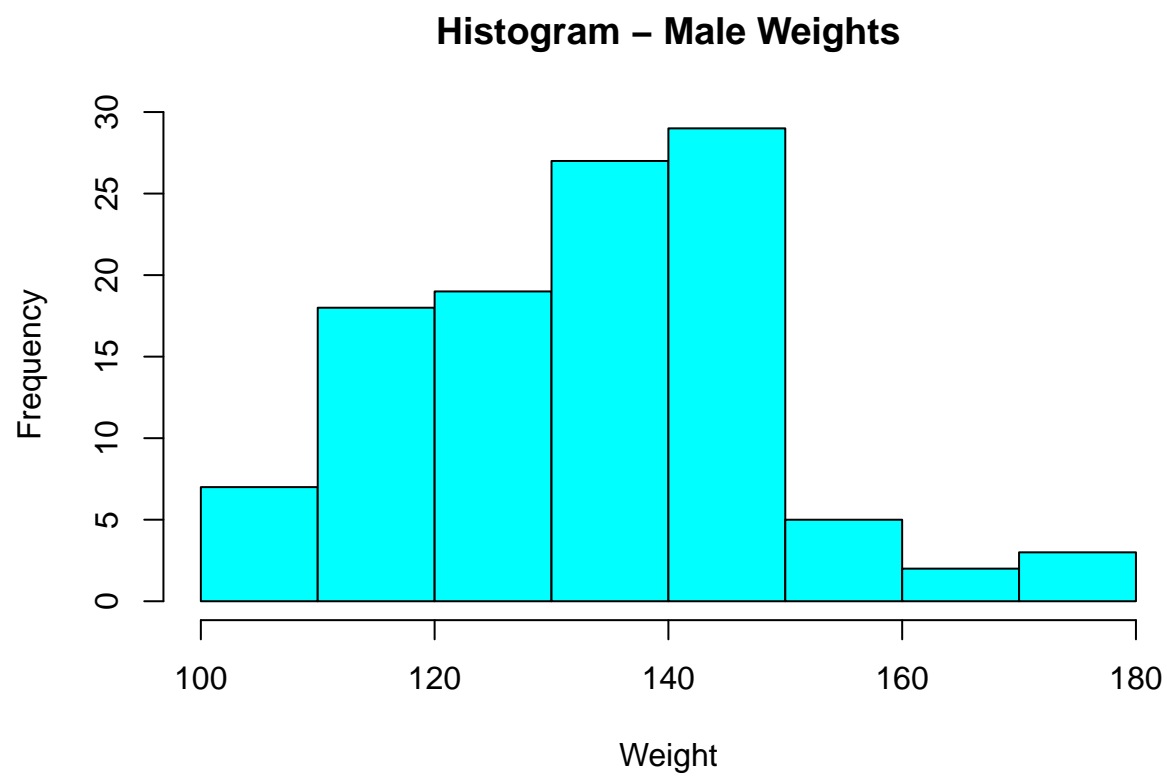


```
hist(wgt[smoke == "0"], xlab = "Weight", col = "red", border = "white", main = "Histogram - Non-smoker W
```

Histogram – Non-smoker Weights

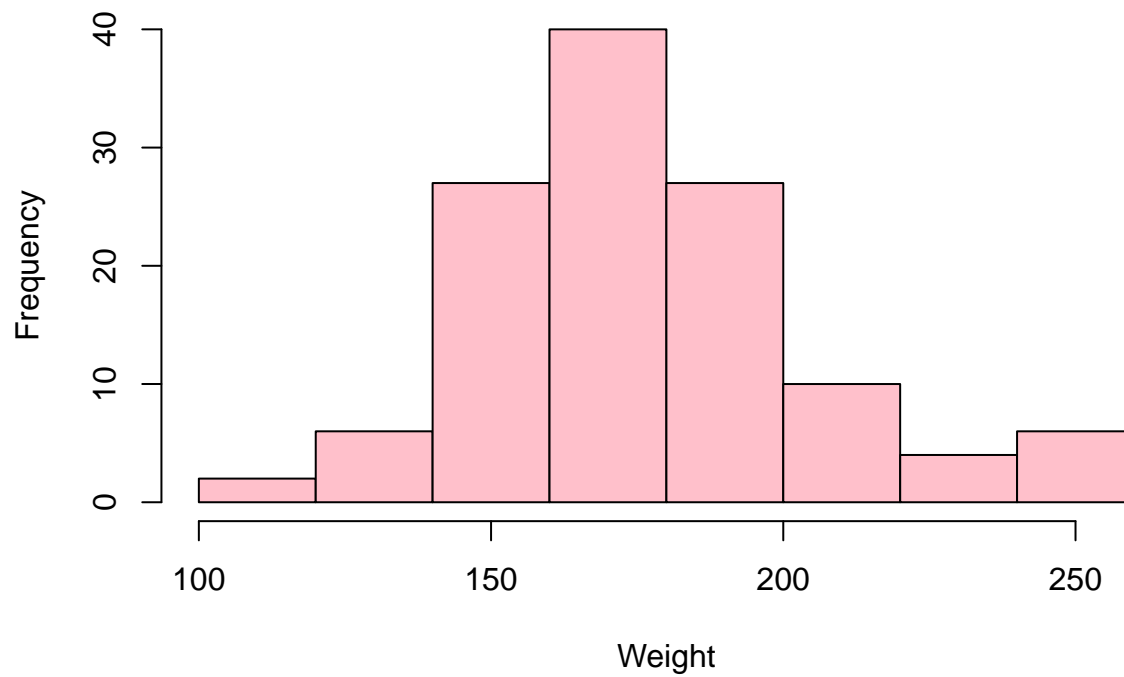


```
hist(wgt[gender == "1"], xlab = "Weight", col = "cyan", border = "black", main = "Histogram - Male Weights")
```



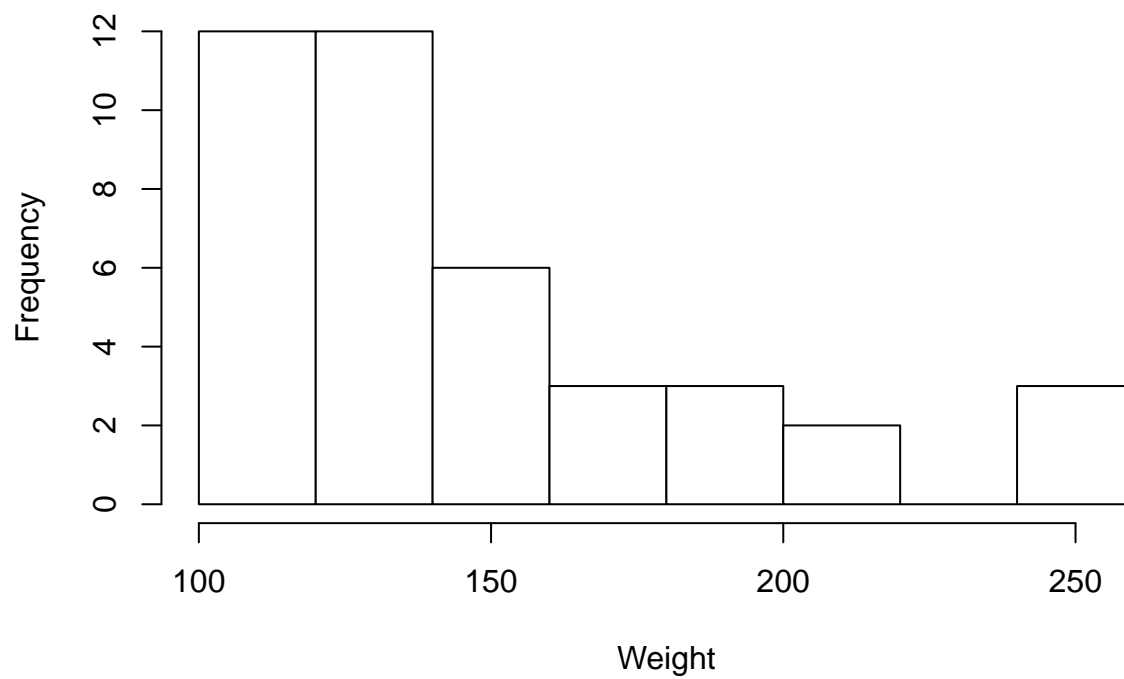
```
hist(wgt[gender == "0"], xlab = "Weight", col = "pink", border = "black", main = "Histogram – Female Weights")
```


Histogram – Female Weights



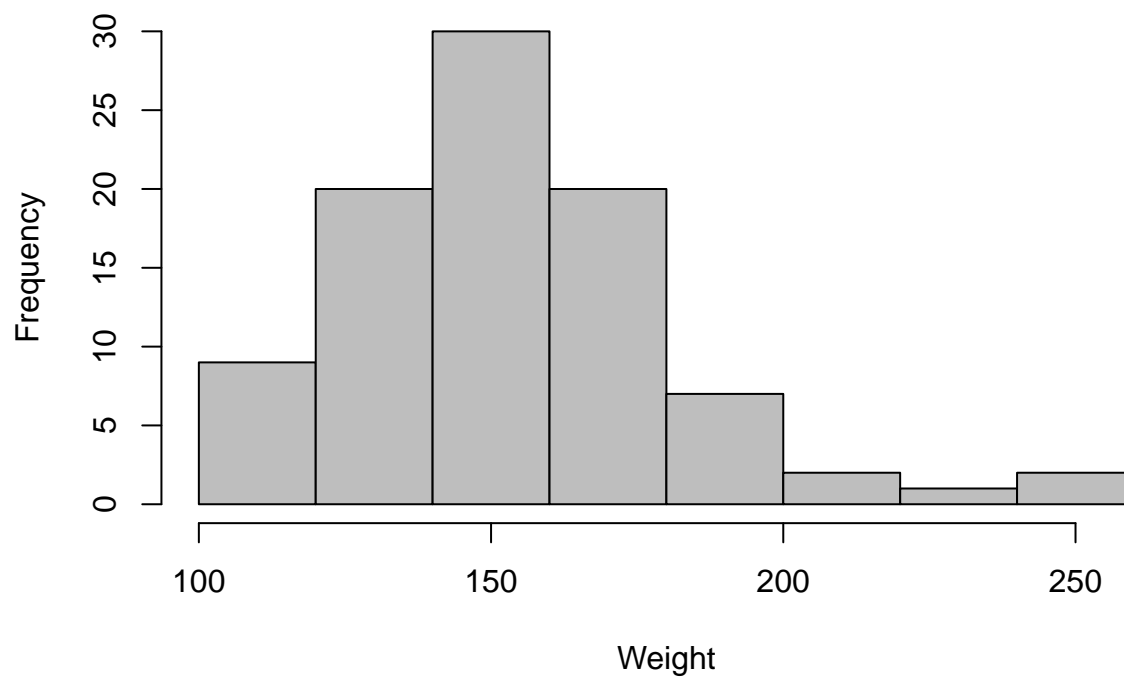
```
hist(wgt[exercise == "1"], xlab = "Weight", col = "white", border = "black", main = "Histogram - Exercise 1")
```

Histogram – Exerciser lvl 1 Weights



```
hist(wgt[exercise == "2"], xlab = "Weight", col = "grey", border = "black", main = "Histogram – Exerciser lvl 1 Weights")
```

Histogram – Exerciser lvl 2 Weights



```
hist(wgt[exercise == "3"], xlab = "Weight", col = "black", border = "white", main = "Histogram – Exerciser lvl 2 Weights")
```

Histogram – Exerciser lvl 3 Weights

