

Exercise 6

Your Name

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```
source("create-patients-data.R")
male.weight <- patients$Weight[patients$Sex == "Male"]
female.weight <- patients$Weight[patients$Sex == "Female"]
t.test(male.weight,female.weight)

##
##  Welch Two Sample t-test
##
## data:  male.weight and female.weight
## t = 5.1281, df = 5.2522, p-value = 0.003195
## alternative hypothesis: true difference in means is not equal to 0
## 95 percent confidence interval:
##   3.874226 11.442441
## sample estimates:
## mean of x mean of y
##  72.18333  64.52500
```