```
Run 🖼 🗘 🖟 Source 🗸 🗏
  2 getwd()
  4 # Read the data file
  5 weights <- read.table("Exercise - LaptopsWeights.txt", header = TRUE) 6 fix(weights)
     attach(weights)
 10 popmn<-mean(Weight.kg.)
 11 popmn
 12 popsd<-sd(Weight.kg.)
13 popsd
Console Terminal × Background Jobs ×
R 4.3.3 · C:/Users/THITHIRA.D/Desktop/Y2S1/IT24101546/
> setwd("C:\\Users\\THITHIRA.D\\Desktop\\Y2S1\\IT24101546")
[1] "C:/Users/THITHIRA.D/Desktop/Y2S1/IT24101546"
> # Read the data file
> weights <- read.table("Exercise - LaptopsWeights.txt", header = TRUE)
> fix(weights)
> attach(weights)
> popmn<-mean(Weight.kg.)
> popmn
[1] 2.468
> popsd<-sd(Weight.kg.)
> popsd
[1] 0.2561069
```

```
Source on Save Q / - [
                                                                                                                                     → Run | → ↑ ↓ | → Source → =
   17 n<-c()
18 • for(i in 1:25){
Console Terminal × Background Jobs ×
 R 4.3.3 · C:/Users/THITHIRA.D/Desktop/Y2S1/IT24101546/
> samples<-c()
> samples<-c()
> n<-c()
> for(i in 1:25){
+ s<-sample(Weight.kg.,6,replace = TRUE)
+ samples<-cbind(samples,s)
+ n<-c(n,paste('S',i))
. }</pre>
  colnames(samples)=n
> s.sd<-apply(samples,2,sd) > s.sd
$ 1 $ 2 $ 5 $ 5 $ 5 $ 5 $ 6 $ 5 7 $ 8 $ $ 9 $ $ 10 $ 5 11 $ 0.17955501 0.30694734 0.26695817 0.16120380 0.23804761 0.29624314 0.18359375 0.33355160 0.23498227 0.23313086 0.27645373 $ 12 $ 5 13 $ 5 14 $ 5 15 $ 5 16 $ 5 17 $ 5 18 $ 5 19 $ 5 20 $ 5 21 $ 5 22 $ 0.18633304 0.27587437 0.28861162 0.21238330 0.27228049 0.13957077 0.23440705 0.20798237 0.25584501 0.20321581 0.18460769
       5 23
                     5 24
0.09437514 0.24766240 0.43209567
```



