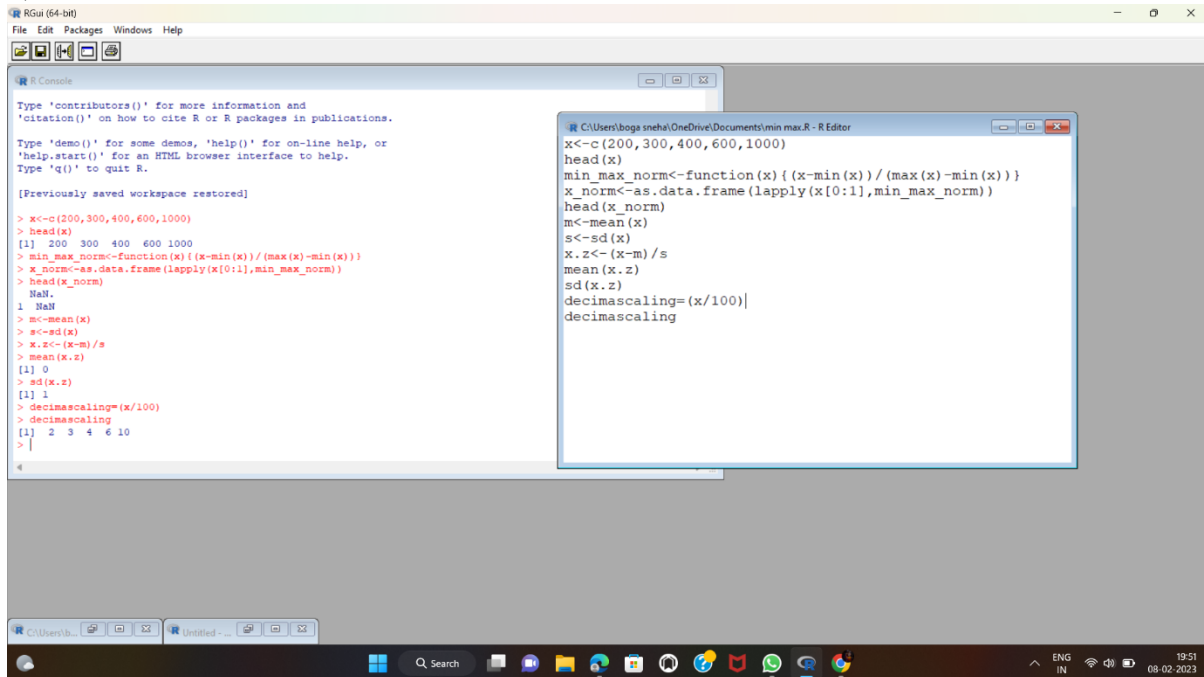


2)



The screenshot shows the RStudio interface with the R Console and R Editor windows. The R Console displays the execution of R code, and the R Editor shows the source code being executed.

```
R Console
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[Previously saved workspace restored]
> x<-c(200,300,400,600,1000)
> head(x)
[1] 200 300 400 600 1000
> min_max_norm<-function(x){(x-min(x))/(max(x)-min(x))}
> x_norm<-as.data.frame(lapply(x[0:1],min_max_norm))
> head(x_norm)
      1      2      3      4      5
1  NaN      1      2      3      4
2  NaN      1      2      3      4
3  NaN      1      2      3      4
4  NaN      1      2      3      4
5  NaN      1      2      3      4
6  NaN      1      2      3      4
7  NaN      1      2      3      4
8  NaN      1      2      3      4
9  NaN      1      2      3      4
10 NaN      1      2      3      4
> m<-mean(x)
> s<-sd(x)
> x.z<-(x-m)/s
> mean(x.z)
[1] 0
> sd(x.z)
[1] 1
> decimascaling=(x/100)
> decimascaling
[1] 2 3 4 6 10
>

R Editor
C:\Users\hoga\OneDrive\Documents\min_max.R - R Editor
x<-c(200,300,400,600,1000)
head(x)
min_max_norm<-function(x){(x-min(x))/(max(x)-min(x))}
x_norm<-as.data.frame(lapply(x[0:1],min_max_norm))
head(x_norm)
m<-mean(x)
s<-sd(x)
x.z<-(x-m)/s
mean(x.z)
sd(x.z)
decimascaling=(x/100)
decimascaling
```