

Q1. Matrix of element from 1 to 9 using three different ways

```
> matrix(1:9, nrow = 3)
[,1] [,2] [,3]
[1,] 1 4 7
[2,] 2 5 8
[3,] 3 6 9

> a
[,1] [,2] [,3]
[1,] 1 4 7
[2,] 2 5 8
[3,] 3 6 9
> class(a)

> matrix(1:9, nrow = 3, byrow = TRUE)
[,1] [,2] [,3]
[1,] 1 2 3
[2,] 4 5 6
[3,] 7 8 9
```

Q2.

```
> a<-c(12.34,78,9)
> sum(a)
[1] 99.34
> |

> mean(a)
[1] 33.11333
```

Q3.

```
> x<-c(5,8,3,9,2,7,4,6,10)
> sort(x)
[1] 2 3 4 5 6 7 8 9 10
> then index of min number is one.
```

Q4.