**Matrix:**

> matrix(1:9,byrow=TRUE,nrow=3)

[,1] [,2] [,3]

[1,] 1 2 3

[2,] 4 5 6

[3,] 7 8 9

> matrix(1:9,byrow=FALSE,nrow=3)

[,1] [,2] [,3]

[1,] 1 4 7

[2,] 2 5 8

[3,] 3 6 9

> aquaman<-c(460.998,314.4)

> rambo\_returns<-c(290.475,247.90)

> alita<-c(309.3,165.8)

> box\_office\_hits<-c(aquaman,rambo\_returns,alita)

> box\_office\_hits

> movie\_matrix<-matrix(box\_office\_hits,byrow=TRUE,nrow=3)

> movie\_matrix

[,1] [,2]

[1,] 460.998 314.4

[2,] 290.475 247.9

[3,] 309.300 165.8

> movie\_title<-c("aquaman","rambo\_returns","alita")

> movie\_title

[1] "aquaman" "rambo\_returns" "alita"

> movie\_title<-c("aquaman","rambo\_returns","alita")

> region<-c("US","Non-US")

> movie\_matrix

[,1] [,2]

[1,] 460.998 314.4

[2,] 290.475 247.9

[3,] 309.300 165.8

>

> rownames(movie\_matrix)<-movie\_title

> movie\_matrix

[,1] [,2]

aquaman 460.998 314.4

rambo\_returns 290.475 247.9

alita 309.300 165.8

|  |
| --- |
| > colnames(movie\_matrix)<-region  > movie\_matrix  US Non-US  aquaman 460.998 314.4  rambo\_returns 290.475 247.9  alita 309.300 165.8 |