Lab1 - Esther Xuanpei Ouyang

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1) Basic Vector and Matrix manipulations in R

```r
x = 1:9

matrix(data = x, nrow = 3, ncol = 3, byrow = FALSE)
```

```
##      [,1] [,2] [,3]
## [1,]    1    4    7
## [2,]    2    5    8
## [3,]    3    6    9
```

```r
matrix(data = x, nrow = 3, ncol = 3, byrow = TRUE)
```

```
##      [,1] [,2] [,3]
## [1,]    1    2    3
## [2,]    4    5    6
## [3,]    7    8    9
```