keeping all rows and first three columns (using the iris dataset):

```
df<- iris[, 1:3]
```

keeping first 50 rows and columns 1, 4 and 5:

```
df<- iris[1:50, c(1, 4, 5)]
```

subsetting by variable conditions

using one condition (string variable):

```
df<- subset(iris, iris $Species=="setosa")
```

using one condition (numeric variable):

```
df <- subset(iris, iris $Sepal.Length>=7)
```

using multiple conditions (numeric and string variables):

```
df <- subset(df, df$Sepal.Length>=5.5 & df$Species=="setosa")
```

##Keeping columns based on a letter/character occuring in the name:

#keep all variables containing the letter z:

```
df[,grep("z", names(df))]
```