Assignment 1.2

1. How many ways are there to call a function in R?

a) Using Named Arguments

Eg:

```
pow <- function(x, y) {
            result <- x^y
            print(paste(x,"raised to the power", y, "is", result))
            }
```

can be called `pow(x = 8, y = 2)`

b)Using UnNamed Arguments

Eg:

```
pow <- function(x, y) {
            result <- x^y
            print(paste(x,"raised to the power", y, "is", result))
            }
```

can be called `pow(8, 2) , in this case function arguments will take values in the order they are called, ie x=8 and y=2`

c)Using Named and UnNamed Arguments

Here we can use a mix of both Named and UnNamed arguments

Eg:

```
pow <- function(x, y) {
            result <- x^y
            print(paste(x,"raised to the power", y, "is", result))
            }
```

can be called `pow(Y=8, 2) , here Y will take the value 8 and X will have value 2`

2. Is the below statement true?

• The lazy evaluation of a function means, the argument is evaluated only if it is evaluated only if it is used inside the body of the function.

True

3. Mention true or false for below statements:

a. Insights driven from descriptive analytics is not meaningful.

False (Gives insight to the past)

b. The number of values in each Elements of a list, should be equal.

False

c. The datasets are not stored in memory of the computer using R.

False

d. Data frames and matrices are two dimensional however the array is multidimensional.

True