# Assignment (2.1) 10- Dec 2017

1. What are the different methods to call a function in R?

**# Syntax of R Function:-**

function\_name <- function(arg\_1, arg2,….) {

Function body

}

**# Calling a Function:-**

new.function <- function (a) {

for ( I in 1:a) {

b<- 1^2

print(b)

}

}

Call the function new.function supplying (6) as an argument.

new.function(6)

**# Calling a Function without an argument:-**

new.function <- function() {

for(i in 1:5) {

print(i^2)

}

}

Call the function without supplying an argument.

new.function()

**# Create a function with arguments.**

new.function <- function(a,b,c) {

result <- a \* b + c

print(result)

}

# Call the function by position of arguments.

new.function(5,3,11)

# Call the function by names of the arguments.

new.function(a = 11, b = 5, c = 3)

**2**. 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**. State True or False:

a. Insights driven from descriptive analytics is not meaningful. **FALSE**

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. **TRUE**

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