Q1. What are the different methods to call a function in R?

Ans-

function\_name <- function (argument)

{

Statement

}

# function to print x raised to the power y

power <- function(x, y)

{

result <- x^y

print(paste(x,"raised to the power", y, "is", result))

}

We can call the above function as follows.

>power(8, 2)

[1] "8 raised to the power 2 is 64"

> power(2, 8)

[1] "2 raised to the power 8 is 256"

Q2. The lazy evaluation of a function means, the argument is evaluated only if it is used inside the body of the function. Say True or False.

Ans- True

Q3. State True or False:

|  |  |
| --- | --- |
| a. Insights driven from descriptive analytics is not meaningful. | False Descriptive analytics looks at data and analyzes past events for insight as to how to approach the future |
| b. The number of values in each Elements of a list, should be equal. | True |
| 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 |