612415196 Warfade Krishna Vijay’s Assignment 1

18-02-2025

Q1.Create a variable named car and assign value “BMW” in it.

car <- "BMW"  
car

## [1] "BMW"

Q2.Create a variable named speed and assign value “120” in it.

speed <- 120  
speed

## [1] 120

Q3.Display z = x + y \* x – y, where x = 20 and y = 10.

x <- 20  
y <- 10  
z <- x + y \* x - y

Q4.What is the data type of the variable “myVar”, where myVar <- 100.

myVar <- 100  
class(myVar)

## [1] "numeric"

Q5.Which function is used to check the datatype of any variable?

##class()

Q6.Create vectors of given prompt and also find it’s length.

array1 <- c(-10:10)  
array2 <- rep(c(1), 20)  
array3 <- seq(5, 125, 5)  
length(array1)

## [1] 21

length(array2)

## [1] 20

length(array3)

## [1] 25