

DA LAB 2

**Name –** Pushkal Mondal

**Roll no. –** 1906625

**Branch –** Information Technology

**Code –**

1

name\_625 = readline("Enter your name : ");

age\_625 = readline("Enter your age : ");

print(name\_625)

print(age\_625)

2.

roll\_625 <- 1906625

name\_625 <- "Pushkal Mondal"

branch\_625 <- "IT"

print(roll\_625)

print(name\_625)

print(branch\_625)

3.

var1\_625 <- 42

var2\_625 <- 31

print ("Sum is :")

print(var1\_625 + var2\_625)

print ("Multiplication is :")

print(var1\_625 \* var2\_625)

print("Subtraction is :")

print(var1\_625 - var2\_625)

print("Division is :")

print(var1\_625 / var2\_625)

4.

n\_625 = as.integer(readline("Enter a number : "))

s = 0

while (n\_625 > 0){

r = n\_625%%10

s = s + r

n\_625 = n\_625%/%10

}

print(paste("sume of digits is :", s))

5.

r\_625 = as.integer(readline("Enter radius of circle : "))

pi <- 3.14

area\_625 = pi \* r\_625^2

cir\_625 = 2 \* pi \* r

print(area\_625)

print(cir\_625)

6.

seq\_625 <- c(20 : 50)

print(seq\_625)

x\_625 <- c(20 : 60)

result.mean <- mean(x\_625)

print(result.mean)

n\_625 <- c(51 : 91)

result.sum <- sum(n\_625)

print(result.sum)

7.

ran\_625 <- runif(n = 10, min = -50, max = 50)

print(ran\_625)

8.

ran\_625 <- runif(n = 10, min = 2, max = 15)

print(ran\_625)

print(paste ("max : ",max(ran\_625)))

print(paste ("min : ",min(ran\_625)))

9.

num\_625 <- c(1 : 10)

char\_625 <- c("c", "x", "v")

bool\_625 <- c(TRUE, TRUE, FALSE)

print (typeof(num\_625))

print (typeof(char\_625))

print (typeof(bool\_625))

10.

num\_625 <- c(10 : 25)

print(paste("Sum is :", sum(num\_625)))

print(paste("Product is :", prod(num\_625)))

print(paste("Mean is :", mean(num\_625)))

**Output -**

