Q2. Write a R program to calculate the multiplication table using a function.

Program:-

num = as.integer(readline(prompt = "Enter a number: "))

for(i in 1:10) {

print(paste(num,'x', i, '=', num\*i))

}

Output:-

> num = as.integer(readline(prompt = "Enter a number: "))

Enter a number: 5

> for(i in 1:10) {

+ print(paste(num,'x', i, '=', num\*i))

+ }

[1] "5 x 1 = 5"

[1] "5 x 2 = 10"

[1] "5 x 3 = 15"

[1] "5 x 4 = 20"

[1] "5 x 5 = 25"

[1] "5 x 6 = 30"

[1] "5 x 7 = 35"

[1] "5 x 8 = 40"

[1] "5 x 9 = 45"

[1] "5 x 10 = 50"