1. Write a R program to create a vector of a specified type and length. Create

vector of numeric, complex, logical and character types of length 6 with

your own examples. print the vector, type, and length.

Use this vector for Below program

x = c(10, 20, 30, 20, 20, 25, 9, 26,38,40)

paste(“vector type = ”,class(x))

paste(“vector length =”,length(x))

2. Write a R program to find Sum, Mean and Product of a Vector.

x <- c(3,4,5,6,7,8,9)

sum(x)

mean(x)

prod(x)

3.

Write a R program to find the minimum and the maximum of a Vector

x <- c(5,6,2,4,1,9)

min(x)

max(x)

4.

Write a R program to find second highest value in a given vector.

x <- c(4 ,7, 2 ,5 ,1 ,9 ,2 ,3)

sort(x)

rev(x)

x[2]