

Exercise 2

Questions 2 to 8 using if..else and loops

1. Create a list object:

a. `x.lis <- list(a=1:10,b=letters[1:3],b=matrix(1:10,ncol=2))`

The output of the following commands

i. `x.lis$1`

ii. `x.lis[[2]]`

iii. `x.lis[[3]][,1]`

2. Print numbers from 1 to 5 using 'repeat' and 'break'

3. Check a number is positive or negative using if ... else statement

4. Print numbers from 1 to 10 using while loop

5. Create a vector with 'N' elements and find the sum of N numbers using while loop

6. Create a vector with 'N' elements and find the sum of N numbers using for loop

7. Create a vector with 'N' elements and count number of even numbers in the vector

8. Create a 3× 4 matrix. Find the min and max value from the matrix using Loops