1. Write a R program to take input from the user (name and age) and display the values. Also print the version of R installation.

2. Write a R program to get the details of the objects in memory.

3. Write a R program to create a sequence of numbers from 20 to 50 and find the mean of numbers from 20 to 60 and sum of numbers from 51 to 91.

4. Write a R program to create a vector which contains 10 random integer values between -50 and +50.

5. Write a R program to get the first 10 Fibonacci numbers.

6. Write a R program to get all prime numbers up to a given number (based on the sieve of Eratosthenes).

7. Write a R program to print the numbers from 1 to 100 and print "Fizz" for multiples of 3, print "Buzz" for multiples of 5, and print "FizzBuzz" for multiples of
both.

8. Write a R program to extract first 10 english letter in lower case and last 10 letters in upper case and extract letters between 22 nd to 24 th letters in upper case.

9. Write a R program to find the factors of a given number.

10. Write a R program to find the maximum and the minimum value of a given vector.

11. Write a R program to get the unique elements of a given string and unique numbers of vector.

12. Write a R program to create three vectors a,b,c with 3 integers. Combine the

three vectors to become a 3×3 matrix where each column represents a vector. Print the content of the matrix.

13. Write a R program to create a list of random numbers in normal distribution and count occurrences of each value.

14. Write a R program to read the .csv file and display the content.

15. Write a R program to create three vectors numeric data, character data and logical data. Display the content of the vectors and their type.

16. Write a R program to create a 5 x 4 matrix , 3 x 3 matrix with labels and fill the matrix by rows and 2 × 2 matrix with labels and fill the matrix by columns.

17. Write a R program to create an array, passing in a vector of values and a vector of dimensions. Also provide names for each dimension.

18. Write a R program to create an array with three columns, three rows, and two "tables", taking two vectors as input to the array. Print the array.

19. Write a R program to create a list of elements using vectors, matrices and a functions. Print the content of the list.

20. Write a R program to draw an empty plot and an empty plot specify the axes limits of the graphic