**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 22nd to 24th 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