**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

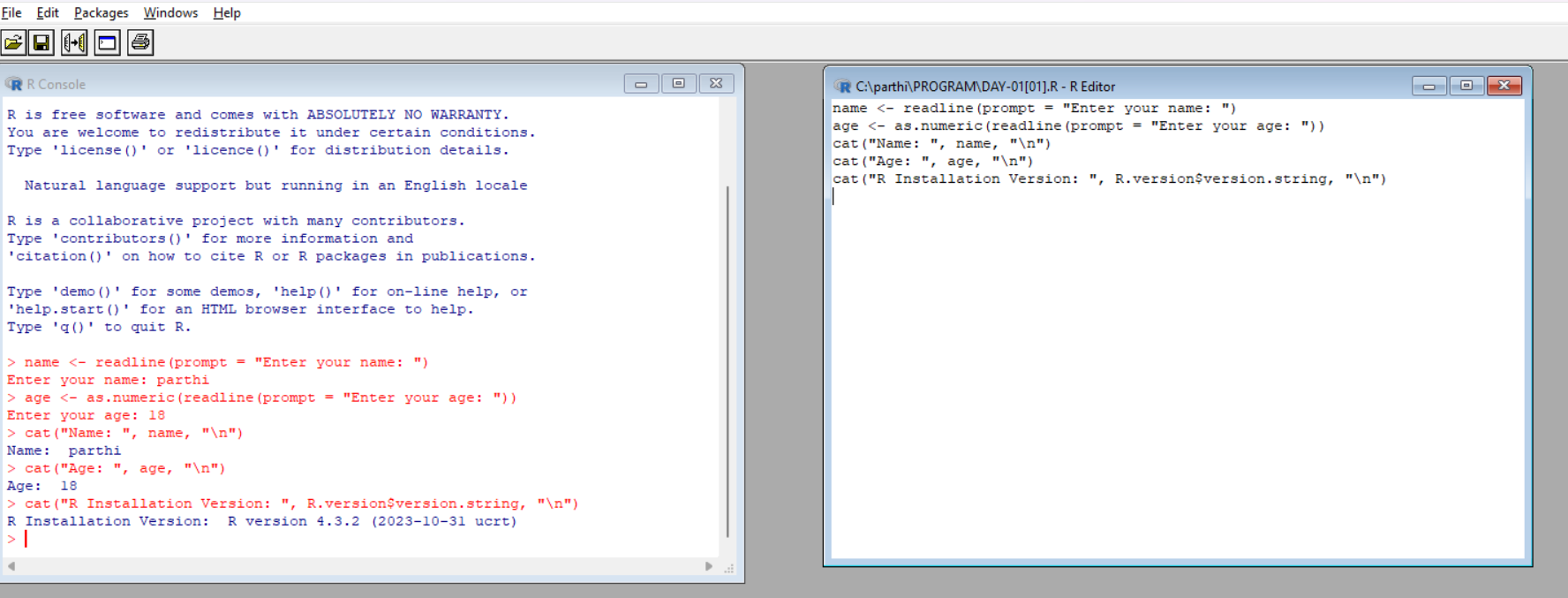
**LIST OF EXPERIMENTS**

**ITA04- STATISTICS WITH R PROGRAMMING**

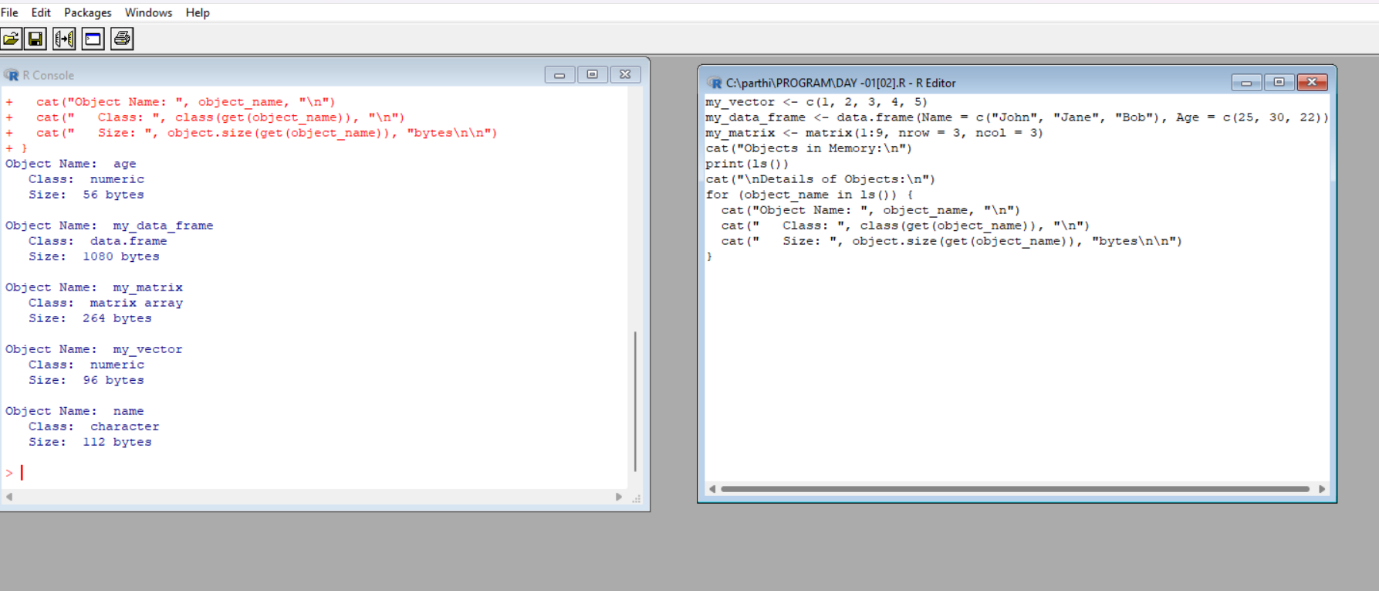
KEVIN ALLEN TD

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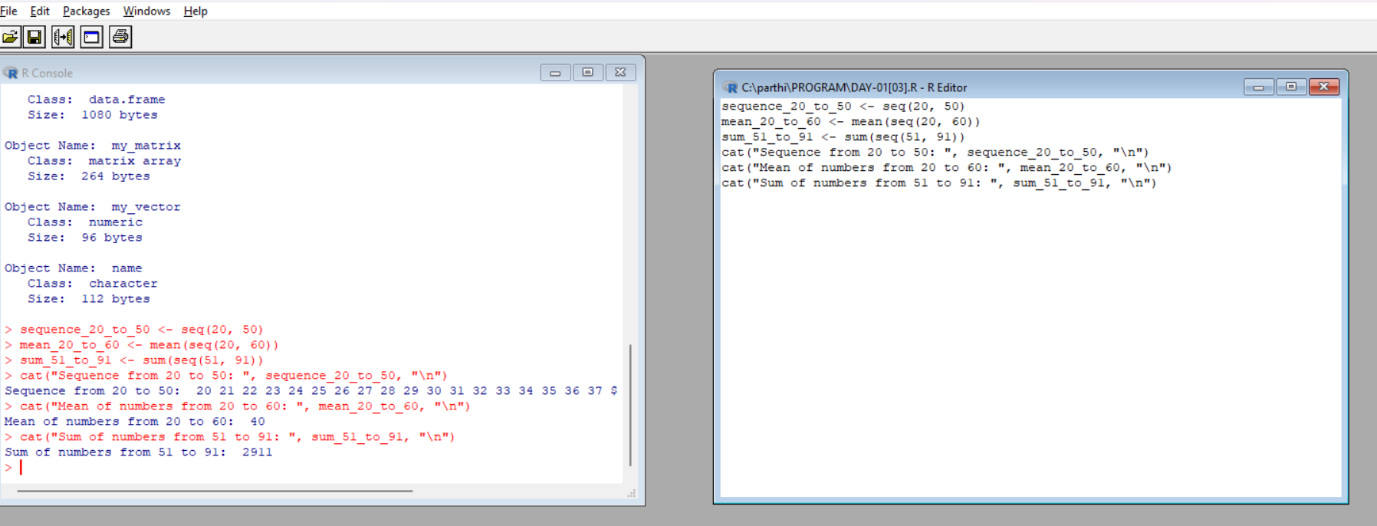
1. Write a R program to take input from the user (name and age) and display the values. Also print the version of R installation.



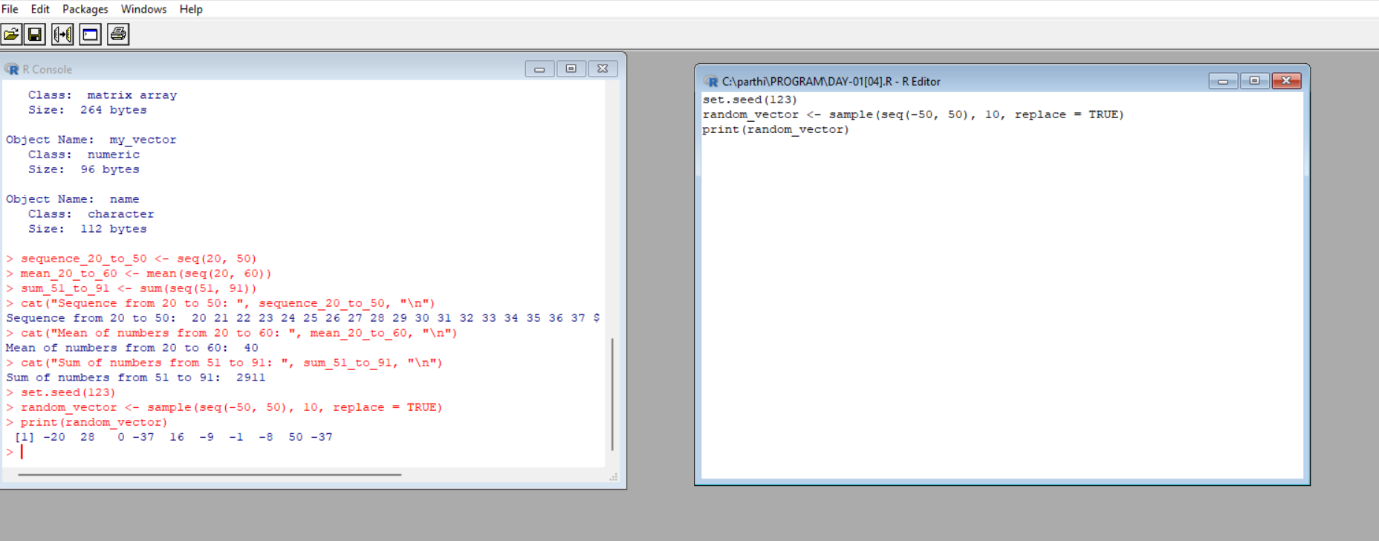
2.Write a R program to get the details of the objects in memory



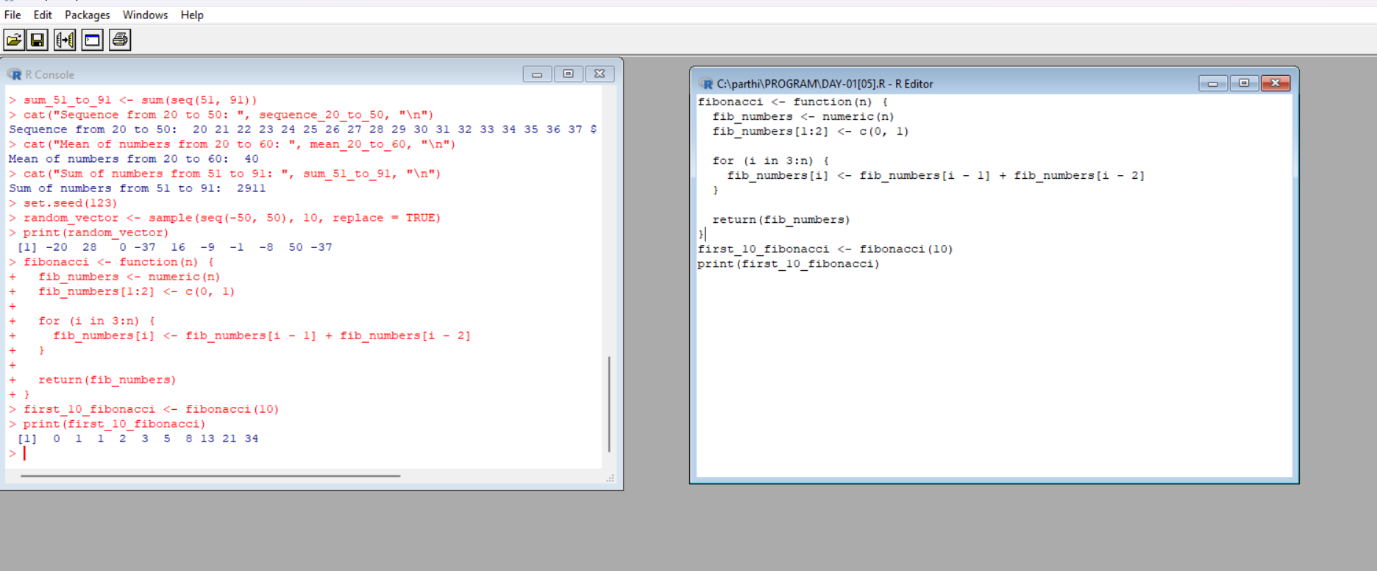
3.Write a R program to create a sequence of numbers from 20 to 50 and find the mean of numbers from 20 to 60 and sum of numbers from 51 to 91



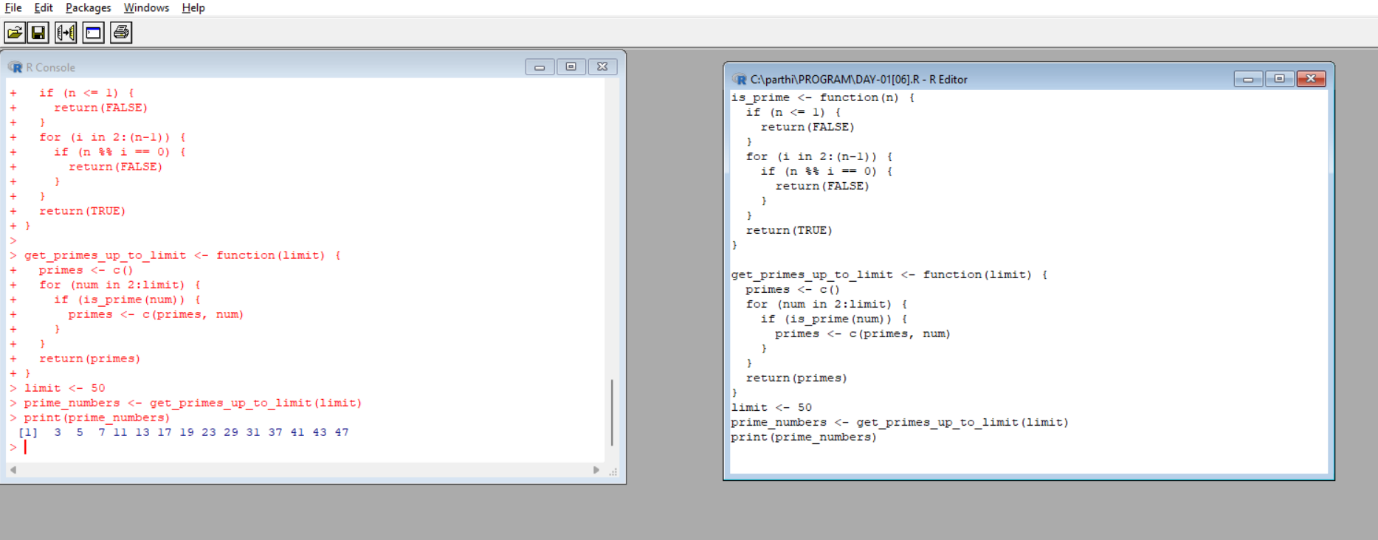
4.Write a R program to create a vector which contains 10 random integer values between -50 and +50.



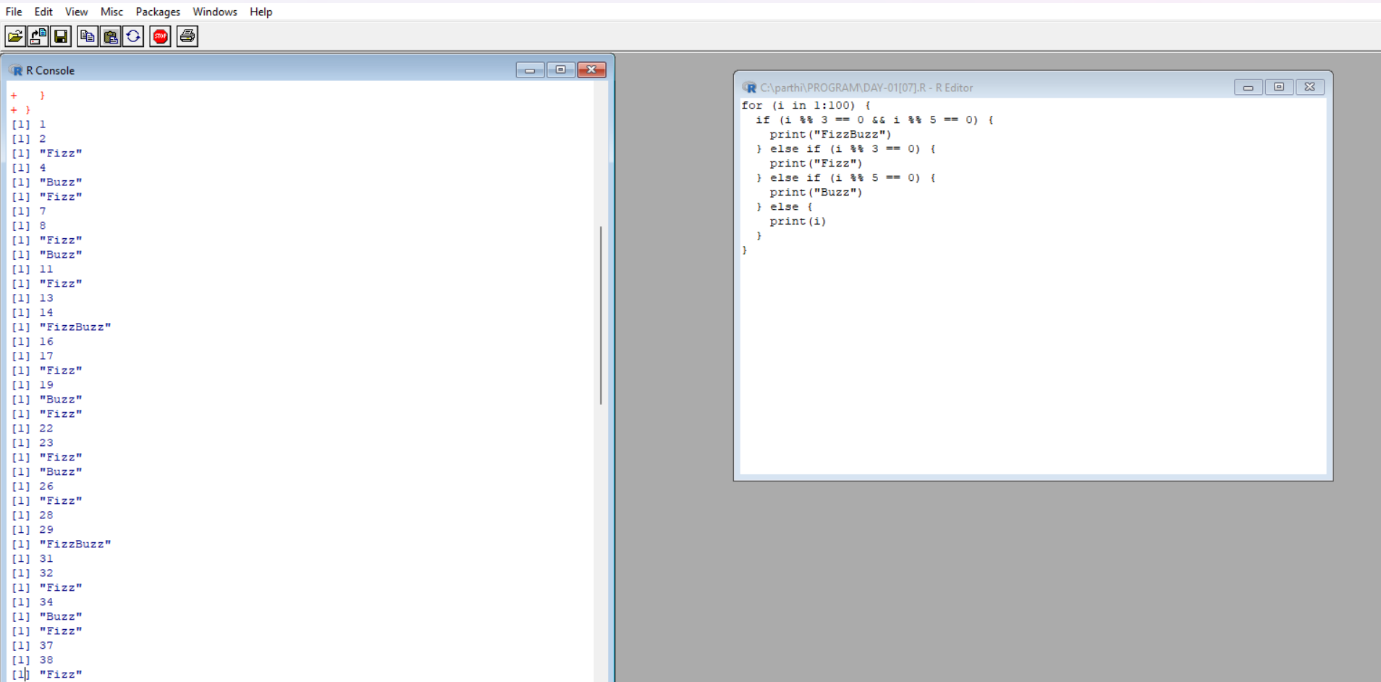
5. Write a R program to get the first 10 Fibonacci numbers.



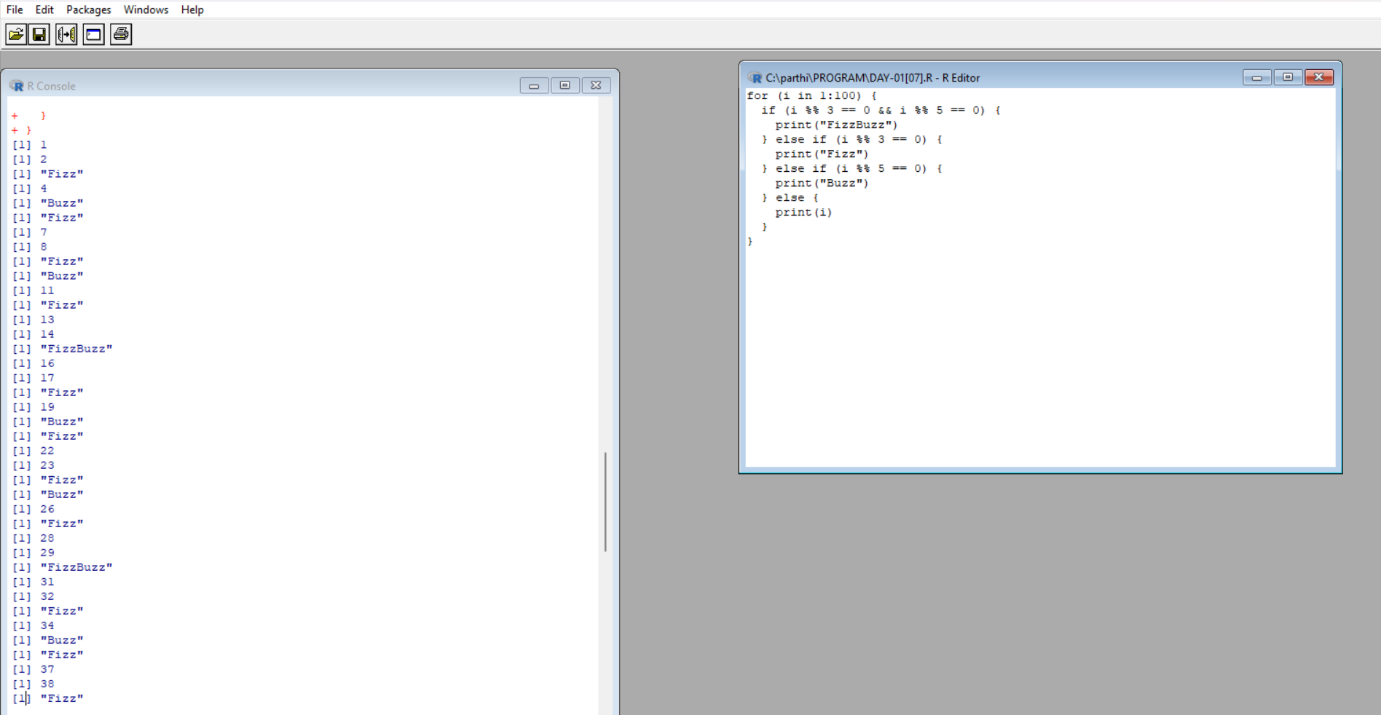
6.Write a R program to get all prime numbers up to a given number (based on the sieve of Eratosthenes)



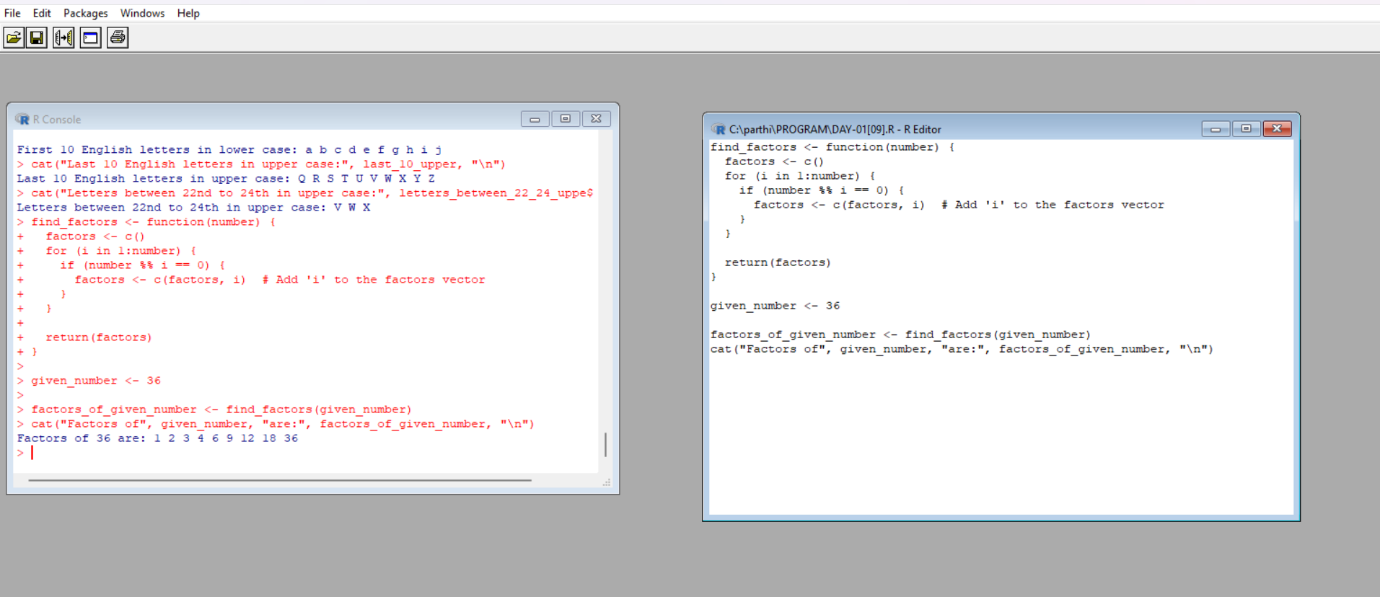
1. Write a R program to print the numbers from 1 to 100 and print "Fizz" for multiples of 3, print "Buzz" for multiples of 5, and print "FizzBuzz" for multiples of both.



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



1. 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

