

R Revision Questions

1. What is the use of IDE?
2. Create a numeric vector in R.
3. List out any two properties of RStudio.
4. Explain the significance of stringsAsFactors in R.
5. Create vector and perform any five operations on it.
6. R Program to find the Factorial of a Number.
7. Print Fibonacci Sequence of a number in R
8. List out any two built-in functions that R provides.
9. Write the syntax to use if-else loop in R.
10. Explain advantages of R programming language over other languages.
11. What are control statements in R? Explain for and nested if-else loop in R. Give example program of each.
12. What are limitations of R programming?
13. Given two strings, S1= Good and S2= Morning, write a program to execute the following operations in R. Also, write the outputs.
 - a. Concatenation of two strings
 - b. Concatenation of two strings using a separator `-*-*-`
 - c. Find the length of the two strings
 - d. Check if “Mor” is present in S1 or not
 - e. Check if “ood” is present in S1 or not
 - f. Extract first two characters from S1
 - g. Replace the value of S1 with the string “ Happy”
14. Write a program to find whether a number is divisible by 9 or not.
15. Explain vectors, lists, matrix and string data structures in R. Write program for each.
16. Explain and write a program to show the use of `rbind()` and `cbind()`.
17. Write a program to check if the number is even or odd.
18. Write R program for the following:
 - a. Create four vectors - Name, Subject, Age and Marks to show the information of 10 students.
 - b. Show all the vectors into one data frame, named – “studentinfoone”
 - c. Now create a dataframe and add information of five more students. Name this data frame as “studentinfotwo”.
 - d. At last, show the information of all the students into one data frame named “FinalStudentInfo”