

1. Write an R program to find the maximum and the minimum value of a given vector.
2. Write an 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.
3. Write an R Program to calculate binary into Decimal of a given number.
4. Write an R program to create a list of elements using vectors, matrices and a functions. Print the content of the list.
5. Write a script in R to create two vectors of different lengths and give these vectors as input to array and print addition and subtraction of those matrices.
6. Write an R program to sort a list of 10 strings in ascending and descending order.
7. Consider the plantGrowth inbuilt dataset
 - i) Create a variable “y” and attach to it the output attribute of the “plantGrowth” dataset.
 - ii) Create a barplot to breakdown your output attribute.
 - iii) Create a density plot matrix for each attribute by class value.
8. Write an R program to draw an empty plot and an empty plot specify the axes limits of the graphic.
9. Write an 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.
10. Write an R program to extract the five of the levels of factor created from a random sample from the LETTERS.
11. Consider the inbuilt iris dataset
 - i) Create a variable “y” and attach to it the output attribute of the “iris” dataset.
 - ii) Create a barplot to breakdown your output attribute.
 - iii) Create a density plot matrix for each attribute by class value.
12. Write an R Program to calculate Multiplication Table.
13. Write an R program to create a Dataframes which contain details of 5 employees and display the details in ascending order.
14. Write an R program to create a simple bar plot of five subject’s marks.
15. Write an R program to print the numbers from 1 to 100 and print "SY" for multiples of 3, print "BBA" for multiples of 5, and print "SYBBA" for multiples of both.
16. Write a script in R to create two vectors of different lengths and give these vectors as input to array and print second row of second matrix of the array.
17. Write a script in R to create an array, passing in a vector of values and a vector of dimensions. Also provide names for each dimension .
18. Write an R program to convert a given matrix to a list and print list in ascending order.
19. Write an R program to sort a list of 10 strings in ascending and descending order.
20. Consider Weather dataset
 - i) Selecting using the column number
 - ii) Selecting using the column name
 - iii) Make a scatter plot to compare Wind speed and temperature