R Programming Lab External

I List of Lab Experiments

1. R and Rstudio set-up.

2. R types, vectors and writing functions.

3. More R types, vectorization and efficient R code.

4. Importing data, time series data and Google Trends.

5. A data science project – a first look.

6. Data manipulation with tidyr.

7. Plotting with ggplot2.

8. R style guide, git integration, projects in R Studio.

9. Maps, plots and Amazon's choice for a next office building.

10. A data science project – more advanced.

II List of Experiments

1. Write a R program to print a graph by using abline() using all horizontal,vertical and regression lines.
2. Write a R program to find whether a given number is armstrong number or not by using looping statements.
3. Write a R program to plot a 5 pch values Change its Shape and Size of the Points
4. Write an R program to find Fibonacci series as alternate numbers.
5. Write a R program to plot a legend function which includes (Title, text font and background color of the legend box)
6. Write an R program to create a multiple line graph by using line color, bgcolor and background grid.
7. Write an R program to create a table of prime numbers up to 100.
8. Write an R program to print a February 2022 calendar.
9. Write an R program to print II CSD time table for seven hours.
10. Write an R program to find vowels and consonant of a paragraph of 5 lines.