

## Lab Assignments - Day 1

1. Write a **R script** to print "Hello World"
2. Write a program to input a student's score in a subject (out of hundred) and print a grade as output as per the following rules:
  - i. Marks  $\geq 90$  ----- O
  - ii.  $89 \geq \text{Marks} \geq 80$  ----- E
  - iii.  $79 \geq \text{Marks} \geq 70$  ----- A
  - iv.  $69 \geq \text{Marks} \geq 60$  ----- B
  - v.  $59 \geq \text{Marks} \geq 50$  ----- C
  - vi.  $49 \geq \text{Marks} \geq 40$  ----- D
  - vii.  $40 > \text{Marks}$  ----- F
  - viii.
3. Develop a simple calculator to accept two floating point numbers from the key-board. Then display a menu to the user and let him/her select a mathematical operation to be performed on those two numbers. Then display the answer. A sample run of your program should be similar to the following:  
Enter number 1: 20  
Enter number 2: 12  
Mathematical Operations:  
1 – Add  
2 - Subtract  
3 - Multiply  
4 - Divide  
Enter your preference: 2  
Answer: 8.00
4. Write a R program to print the first 10 Fibonacci numbers.