NodeJS Assignments

1. Installing node.js
2. Working with Node modules
3. Write a recursive function to calculate factorial of a number and display it in Node.js console.
4. Write a Node program that prints all the numbers between 1 and 100, each on a separate line. A few caveats: o if the number is divisible by 3, print “fizz” o if the number is divisible by 5, print “buzz” o if the number is divisible by both 3 and 5, print “fizzbuzz”
5. create node.js web application to display "Hello world"
6. write a node.js program to read a text file and display the file contents on the browser.
7. Write node.js program to create functions to calculate number of words, number of alphabets, number of digits present in a given String. use Module.exports to export the functions and display them.
8. Use Node to write a simple web application that checks whether a number is a prime or not and display message accordingly.
9. write a node web application to input student details like student no, name, marks and display result of the student as follows:

if marks <50 then result is "poor"

if marks >=50 and < 75 then result is "average"

if marks >=75 and < 90 then result is "good"

if marks >=90 and < = 100 then result is "excellent"