

## **Practical Task 2**

### **1. What is the World Wide Web?**

Ans : World wide web (WWW) is a global information system containing web pages linked to each other by hyperlinks. It provides user friendly access to web pages to everyone.

### **2. Explain the functional differences between a web application's front-end and back-end.**

Ans : Front end is all which a user can see on a web page or web application and interact with while back end is the process or program which is executed in background to save and bring the appropriate information to the user.

### **3. Describe what occurs on the back end during a web interaction using the "Google query example" (refer to page 10 of this PDF) or create your own example.**

Ans : It first fetches the most relevant results according to the user location, predicting what is typed and asked and handles thousands of similar requests simultaneously.

## 4. What is the MERN stack?

Ans : When we use collection of different technologies in the below order with Java script it gives us full stack web development.

- (M) MongoDB: A non-relational database that stores data as documents or objects.
- (E) Express: An un-opinionated web framework that simplifies server-side web development using Node.js.
- (R) React: A JavaScript library for creating user views (components rendered in HTML).
- (N) Node.js: A runtime environment allowing JavaScript to be used not only in browsers but also on web servers.