

## **Practical Assignment-1**

1. Develop a web server with following functionalities:

- Serve static resources.
- Handle GET request.
- Handle POST request.

2. Develop nodejs application with following requirements:

- Develop a route `"/gethello"` with GET method. It displays `"Hello NodeJS!!"` as response.
- Make an HTML page and display.
- Call `"/gethello"` route from HTML page using AJAX call. (Any frontend AJAX call API can be used.)

3. Develop a module for domain specific chatbot and use it in a command line application.

4. Use above chatbot module in web based chatting of websocket.

5. Write a program to create a compressed zip file for a folder.

6. Write a program to extract a zip file.

7. Write a program to promisify `fs.unlink` function and call it.

8. Fetch data of google page using `node-fetch` using `async-await` model.

9. Write a program that connect Mysql database, Insert a record in employee table and display all records in employee table using promise based approach.

10. Set a server script, a test script and 3 user defined scripts in `package.json` file in your nodejs application.

11. Develop an application to show live cricket score.