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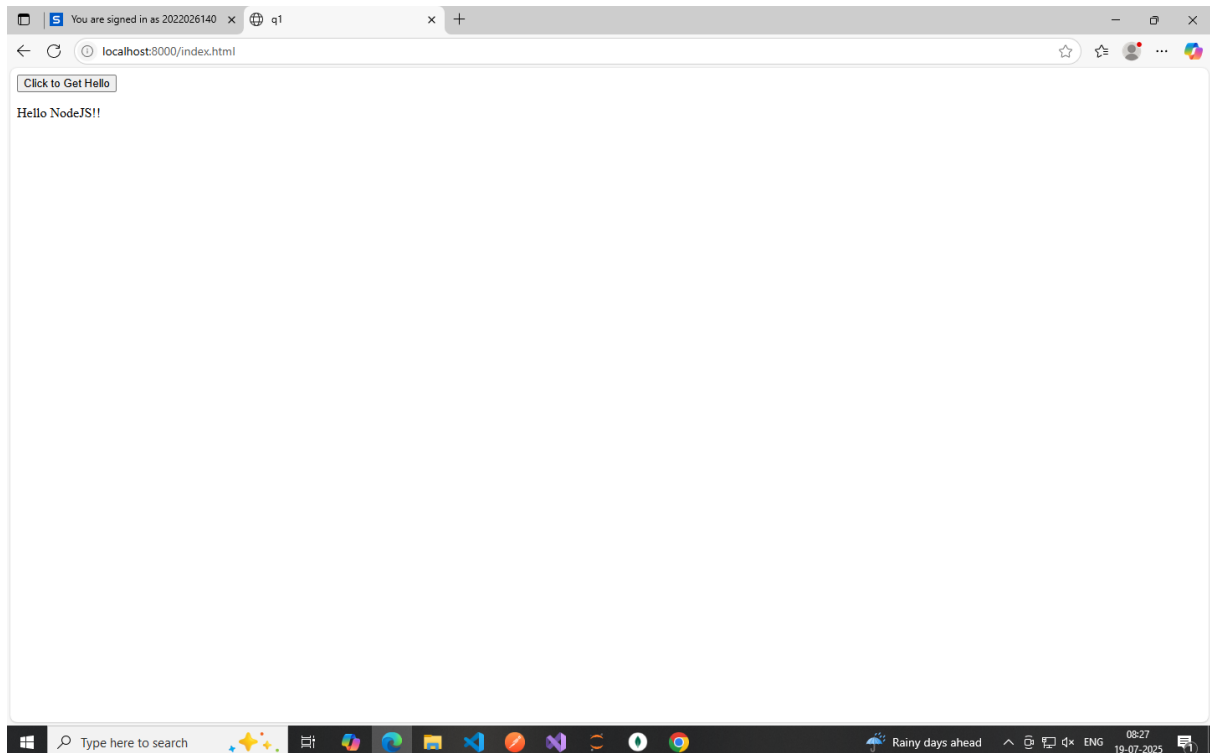
Semester : 7th

Division : A

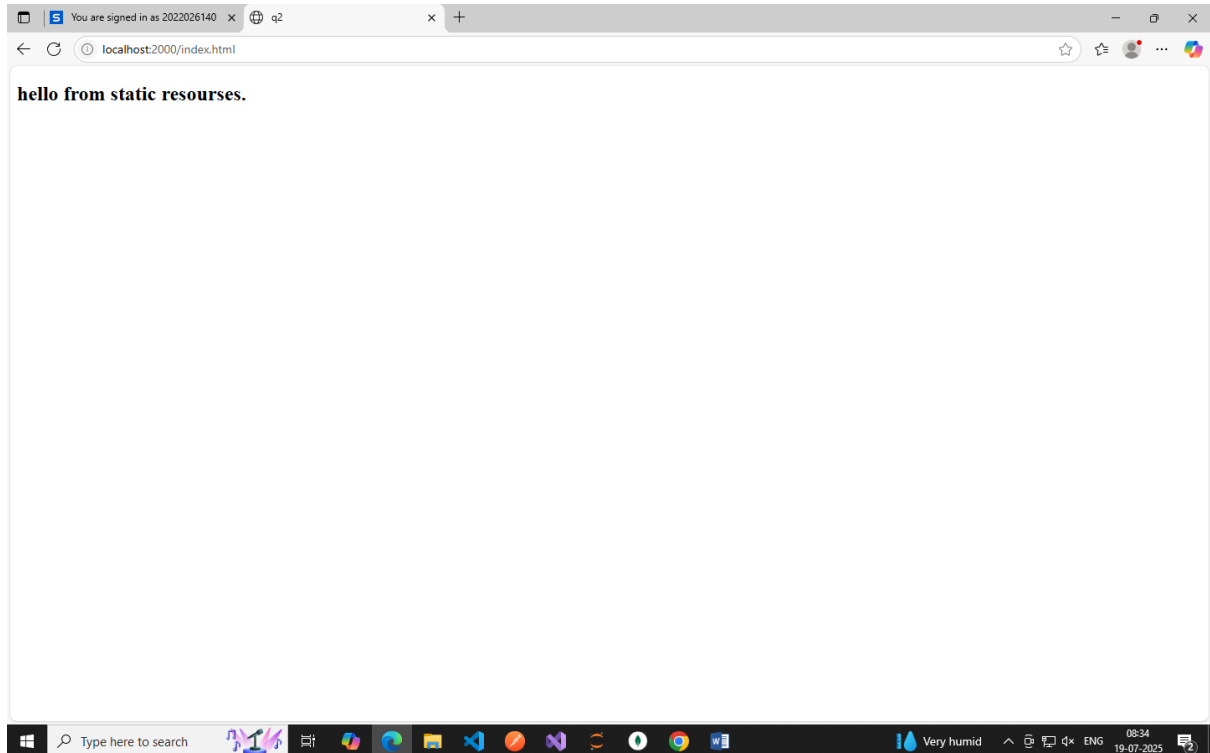
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Practical Assignment – 1

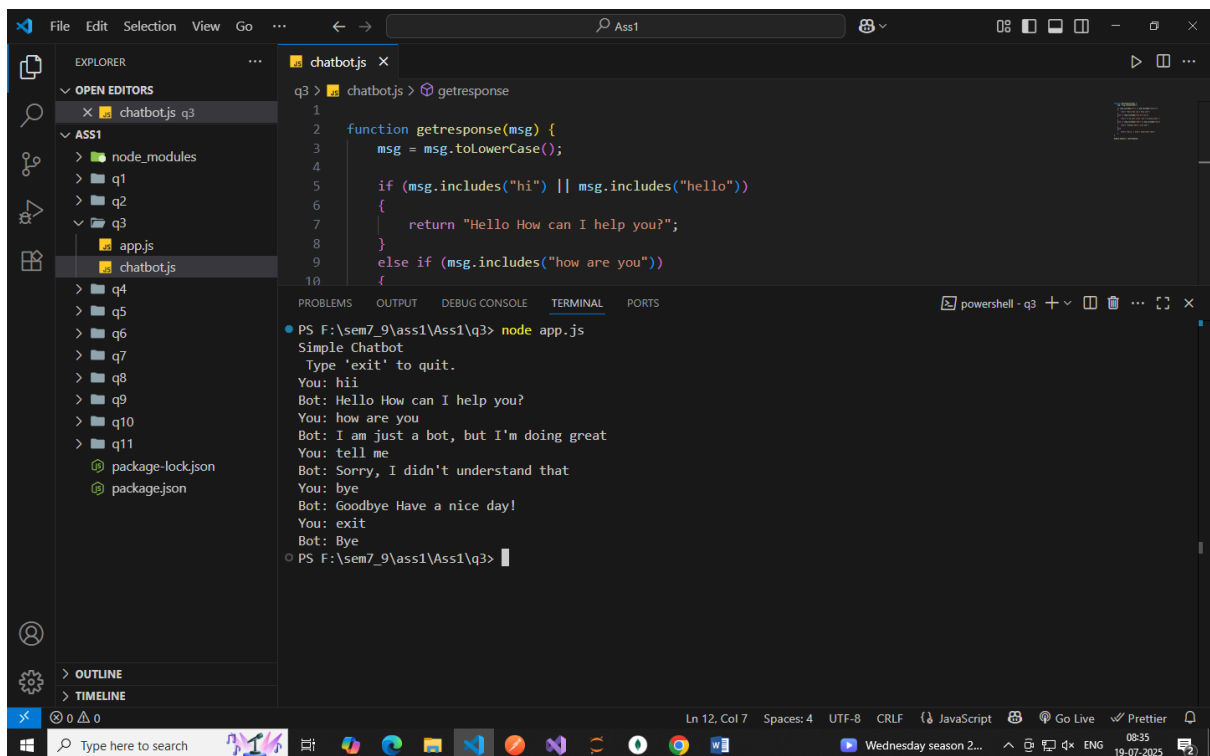
1.



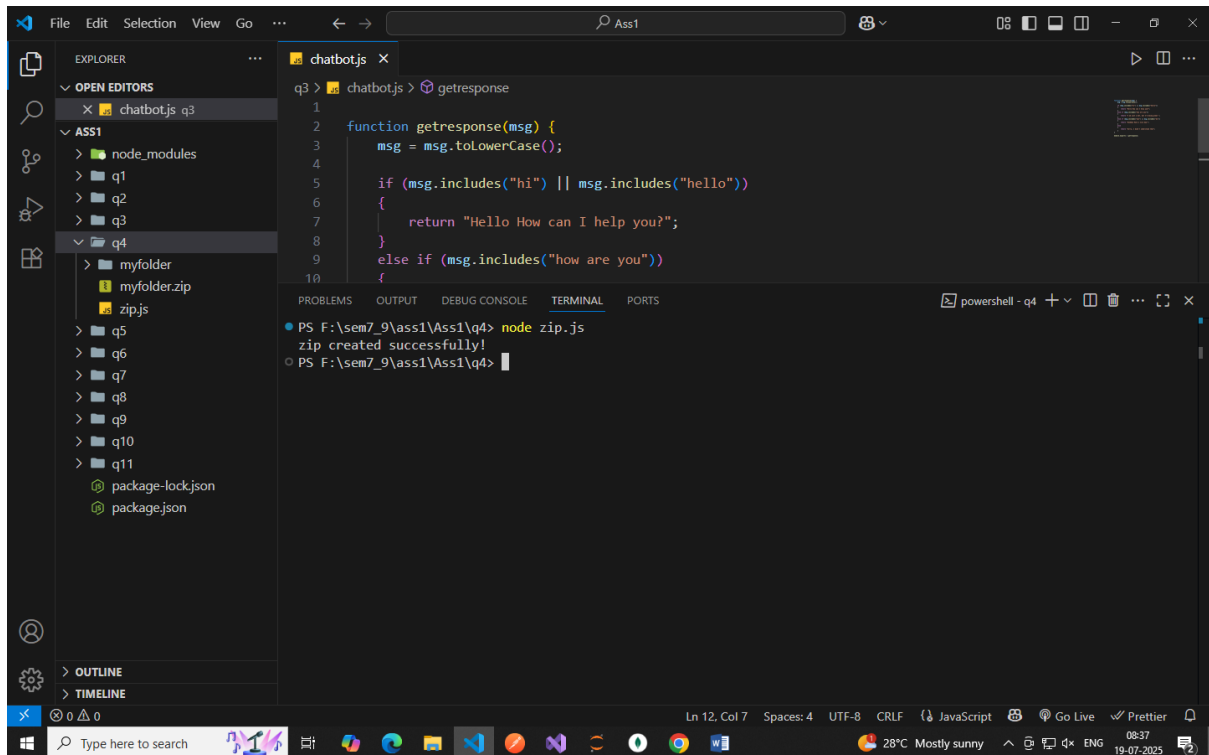
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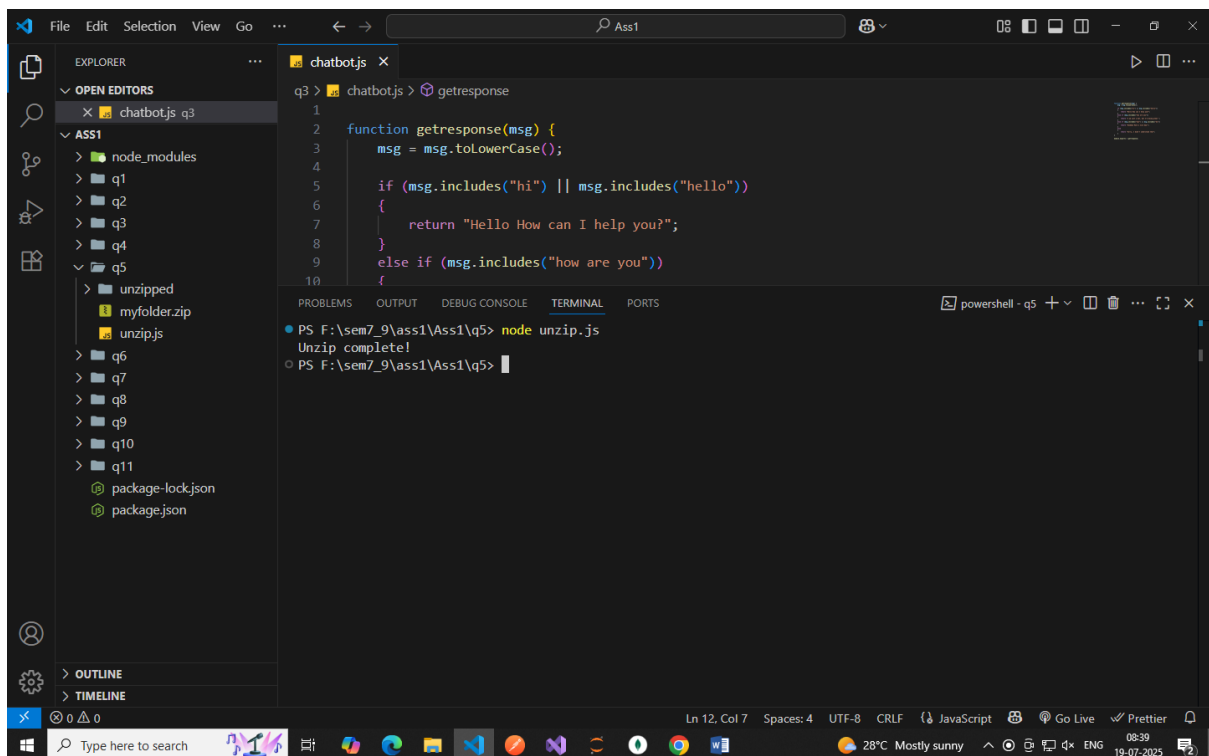
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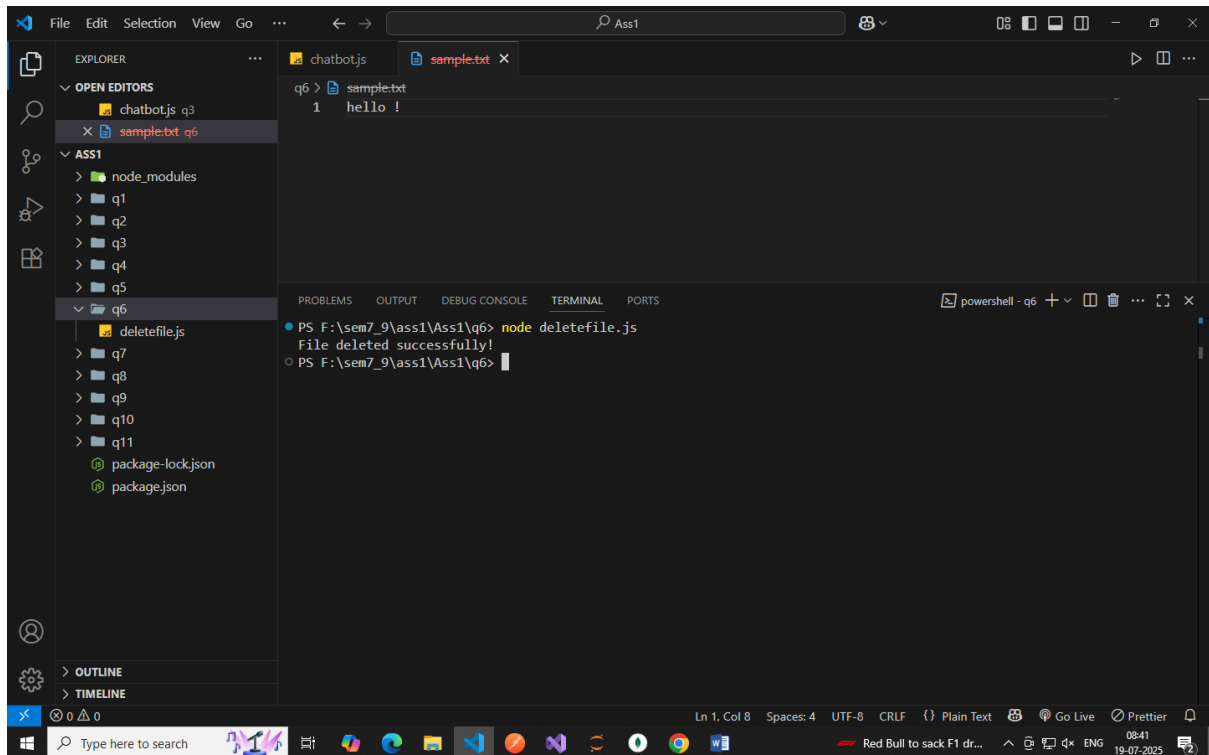
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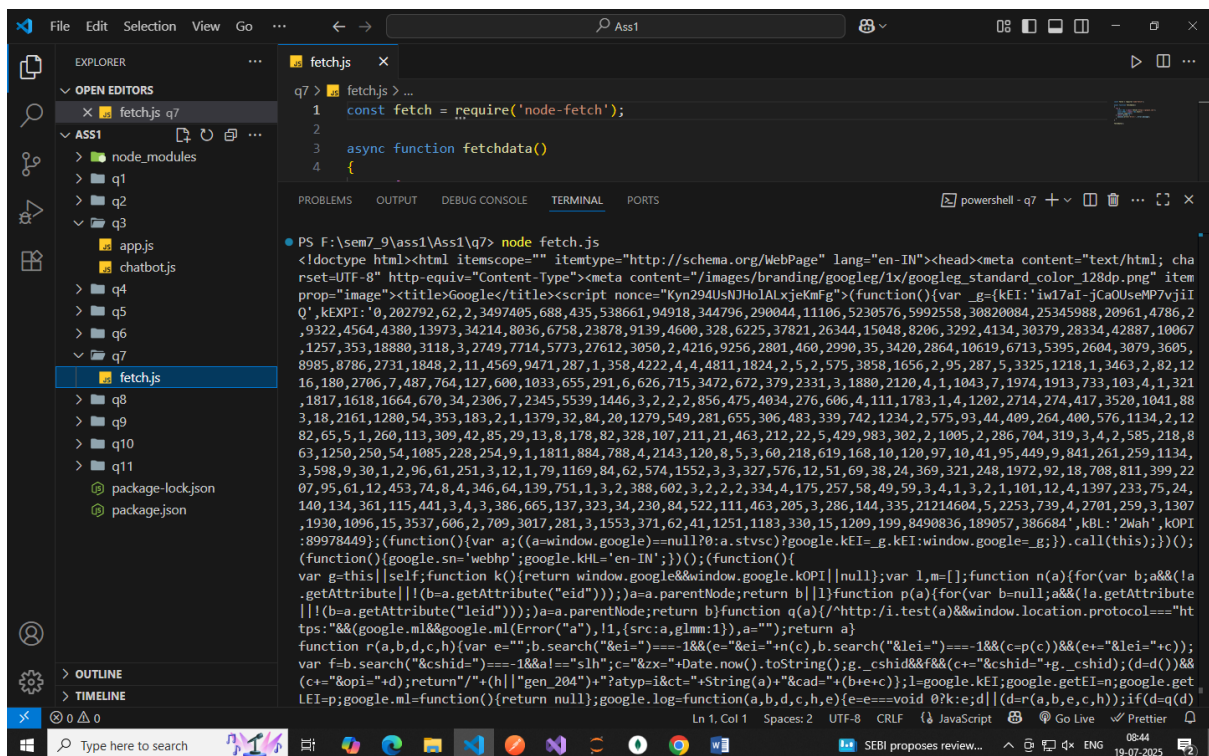
5.



6.



7.



8.

The screenshot shows the VS Code interface with the `package.json` file open in the editor. The file contains a `scripts` section with four commands: `server`, `test`, `hello`, `backup`, and `info`. The terminal shows the execution of these commands in sequence, with the following output:

```
PS F:\sem7_9\ass1\Ass1\q8> node index.js
server is running...
PS F:\sem7_9\ass1\Ass1\q8> node backup.js
backup completed...
PS F:\sem7_9\ass1\Ass1\q8> node info.js
project created by me..
PS F:\sem7_9\ass1\Ass1\q8>
```

The Explorer sidebar shows the project structure, including `node_modules`, `q1` through `q11`, `package-lock.json`, and `package.json`.

9.

The screenshot shows the VS Code interface with the `fs.js` file open in the editor. The file contains a script that uses `fs` and `readline` to create a file named `example.txt` with the content `hello node js !!`. The terminal shows the execution of the script, with the following output:

```
PS F:\sem7_9\ass1\Ass1\q9> node fs.js
Enter the file name with (.txt): example.txt
Enter the content for the file: hello node js !!
File created with your content.

File content is:
hello node js !!
PS F:\sem7_9\ass1\Ass1\q9>
```

The Explorer sidebar shows the project structure, including `node_modules`, `q1` through `q11`, `package-lock.json`, and `package.json`.

10.

The screenshot shows the VS Code editor interface. The Explorer sidebar on the left displays a project structure with folders q1 through q9, and a folder q10 containing files global.js, package-lock.json, and package.json. The Open Editors list shows files fetch.js, backup.js, and fs.js. The main editor window displays the content of fs.js:

```

1 const fs = require('fs');
2 const readline = require('readline');
3
4 const rl = readline.createInterface({
5   input: process.stdin,
6   output: process.stdout
7 });
8

```

The integrated terminal at the bottom shows the execution of the script:

```

PS F:\sem7_9\ass1\Ass1\q10> node global.js
Global Objects in Node.js
Current Directory: F:\sem7_9\ass1\Ass1\q10
Current File: F:\sem7_9\ass1\Ass1\q10\global.js
console.log example :- Hello!
process.exit() :- Exiting the program...
PS F:\sem7_9\ass1\Ass1\q10>

```

11.

The screenshot shows the VS Code editor interface. The Explorer sidebar on the left displays a project structure with folders q1 through q9, and a folder q11 containing a subfolder node_modules with files index.js, package-lock.json, package.json, and test.js. The Open Editors list shows files fetch.js, backup.js, fs.js, and index.js. The main editor window displays the content of index.js:

```

1 function isWeekend(dateStr) {
2   //
3   //
4   //
5   //
6   //
7   //
8   const day = date.getDay(); // Sunday = 0, Saturday = 6
9   //
10  //
11  return day === 0 || day === 6;
12 }

```

The integrated terminal at the bottom shows the execution of the script:

```

PS F:\sem7_9\ass1\Ass1\q11> node index.js
PS F:\sem7_9\ass1\Ass1\q11> node test.js
true
true
false
Invalid date format. Use YYYY-MM-DD
PS F:\sem7_9\ass1\Ass1\q11>

```