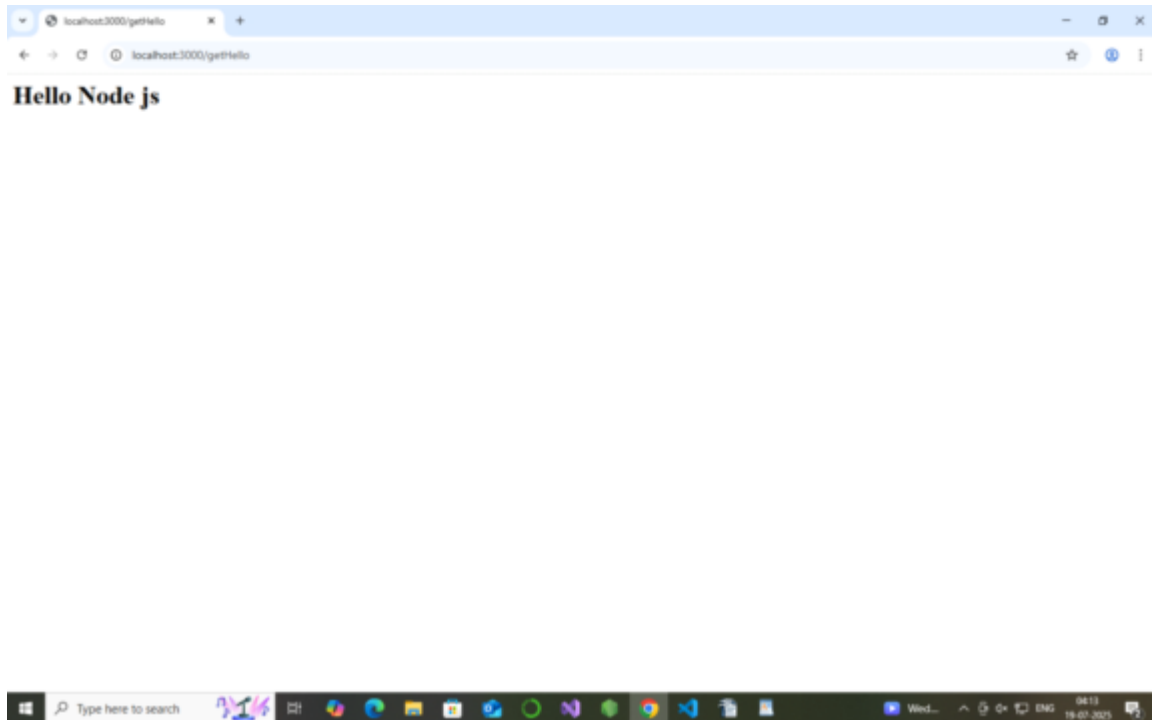


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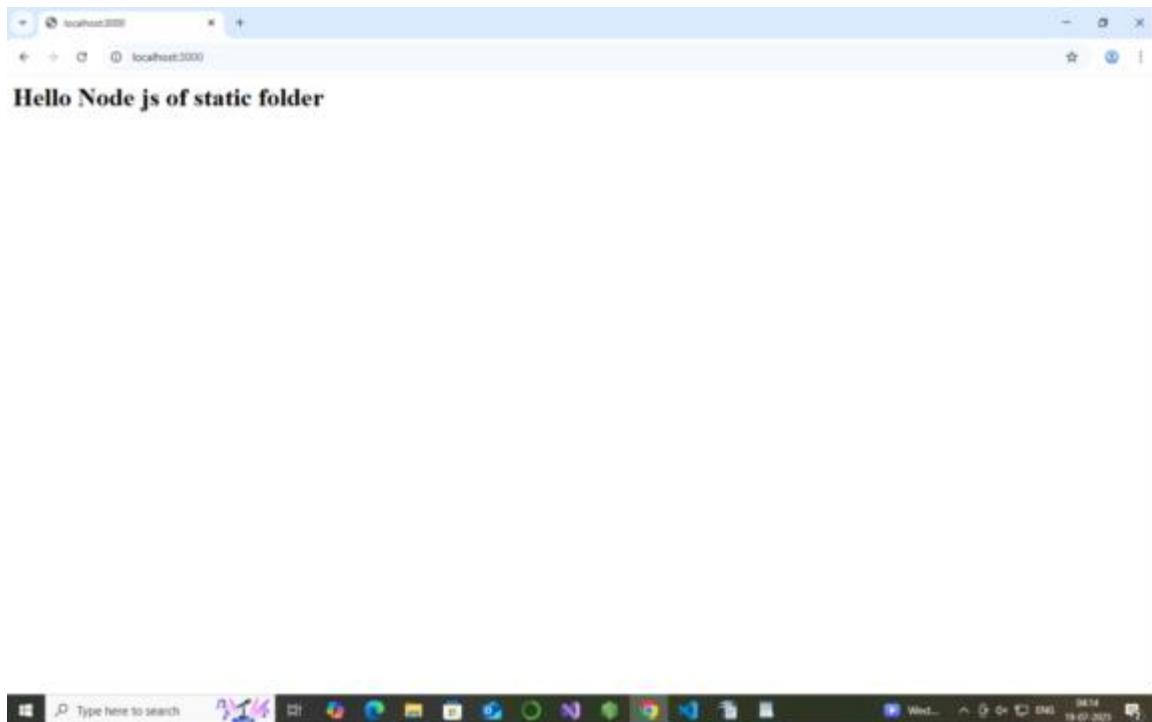
NAME : Aashvi Jariwala

DIV : A

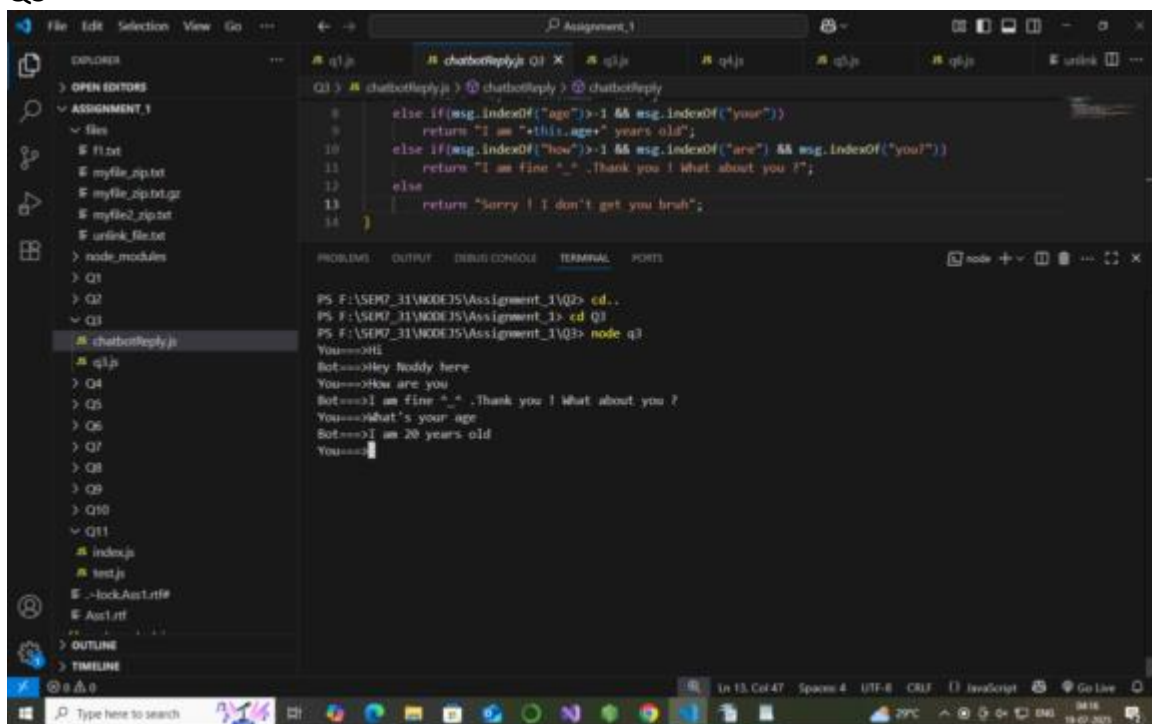
Q1



Q2



Q3



Q4

The screenshot shows a VS Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a project named 'Assignment_1' with a file named 'q4.js'. The code editor shows the following JavaScript code in 'q4.js':

```
1 const fs=require("fs");
2 const zlib=require("zlib");
3
4 fs.createReadStream("../files/myfile.zip.txt")
5   .pipe(zlib.createGzip())
6   .pipe(fs.createWriteStream("../files/myfile.zip.txt.gz"));
7
8 console.log("File compressed");
9
```

The terminal at the bottom shows the following commands and output:

```
PS F:\SEM7_31\NODE35\Assignment_1\Q3> node q3
You==>Hi
Bot==>Hey Roddy here
You==>How are you
Bot==>I am fine ^.^ .Thank you ! What about you ?
You==>What's your age
Bot==>I am 20 years old
You==>
PS F:\SEM7_31\NODE35\Assignment_1\Q3> cd..
PS F:\SEM7_31\NODE35\Assignment_1> cd Q4
PS F:\SEM7_31\NODE35\Assignment_1\Q4> node q4
File compressed
PS F:\SEM7_31\NODE35\Assignment_1\Q4>
```

Q5

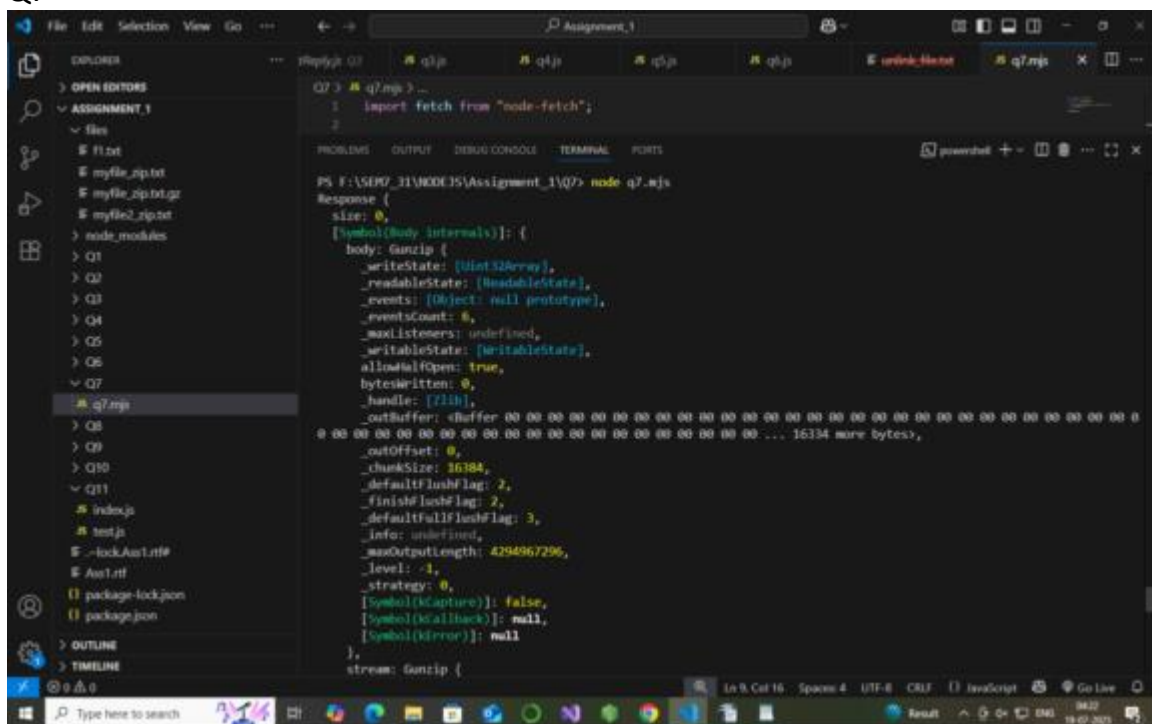
The screenshot shows a VS Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a project named 'Assignment_1' with a file named 'q5.js'. The code editor shows the following JavaScript code in 'q5.js':

```
1 const fs=require("fs");
2 const zlib=require("zlib");
3
4 fs.createReadStream("../files/myfile.zip.txt.gz")
5   .pipe(zlib.createGunzip())
6   .pipe(fs.createWriteStream("../files/myfile2.zip.txt"));
7
8 console.log("File unzipped");
9
```

The terminal at the bottom shows the following commands and output:

```
Bot==>I am fine ^.^ .Thank you ! What about you ?
You==>What's your age
Bot==>I am 20 years old
You==>
PS F:\SEM7_31\NODE35\Assignment_1\Q3> cd..
PS F:\SEM7_31\NODE35\Assignment_1> cd Q4
PS F:\SEM7_31\NODE35\Assignment_1\Q4> node q4
File compressed
PS F:\SEM7_31\NODE35\Assignment_1\Q4> cd..
PS F:\SEM7_31\NODE35\Assignment_1> cd Q5
PS F:\SEM7_31\NODE35\Assignment_1\Q5> node q5
File unzipped
PS F:\SEM7_31\NODE35\Assignment_1\Q5>
```

Q6





The screenshot shows the VS Code editor with a file named `q9.js` open. The code in `q9.js` is as follows:

```
1 function(callback) {
2   fs.writeFile('./files/file1.txt', 'Hello file1!', function (err) {
3     if (err) throw err;
4     console.log('Write file!');
5   });
6 }
7
8 fs.appendFile('./files/file1.txt', ' This is file1 content.', function (err) {
9   if (err) throw err;
10  console.log('Appended!');
11})
```

The terminal window shows the following commands and output:

```
PS F:\SEM2_31\NODEJS\Assignment_1\Q9> cd..
PS F:\SEM2_31\NODEJS\Assignment_1> cd Q9
PS F:\SEM2_31\NODEJS\Assignment_1\Q9> node q9
File Renamed!
File deleted!
Write file!
Appended!
File read-Hello file! This is file content.
PS F:\SEM2_31\NODEJS\Assignment_1\Q9>
```

Q10

The screenshot shows the VS Code editor with a file named `q10.js` open. The code in `q10.js` is as follows:

```
1 console.log("File name : "+__filename);
2 console.log("Directory name : "+__dirname);
3
4 global.myGlobalVar="Global variable";
5
6 console.log(global.myGlobalVar);
7
```

The terminal window shows the following commands and output:

```
PS F:\SEM2_31\NODEJS\Assignment_1\Q9> CD..
PS F:\SEM2_31\NODEJS\Assignment_1> cd Q10
PS F:\SEM2_31\NODEJS\Assignment_1\Q10> node q10
File name : F:\SEM2_31\NODEJS\Assignment_1\Q10\q10.js
Directory name : F:\SEM2_31\NODEJS\Assignment_1\Q10
Global variable
PS F:\SEM2_31\NODEJS\Assignment_1\Q10>
```

Q11

assignment_1_employee - npm

https://www.npmjs.com/package/assignment_1_employee

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npm

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Readme

Code beta

2 Dependencies

0 Dependents

1 Versions

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