

CBES Lab

Tute-3

Teghdeep Kapoor

18104050

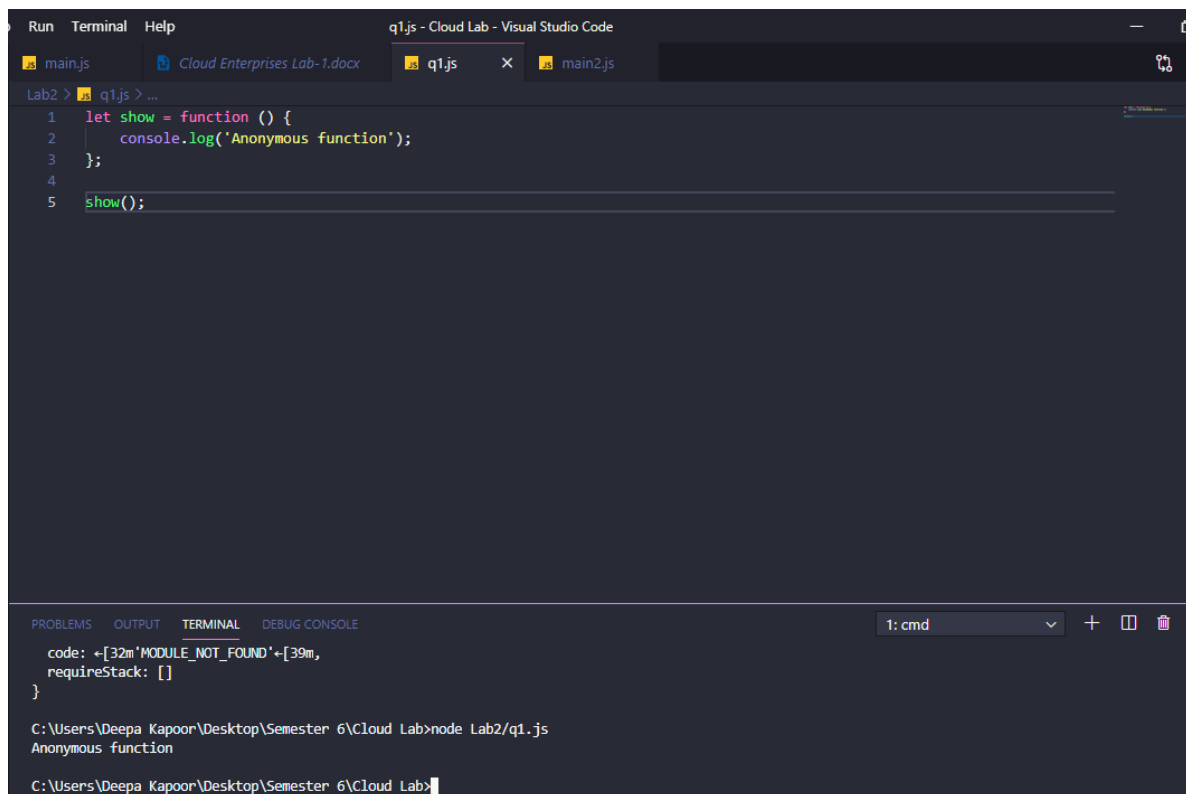
B12

Q1.

An anonymous function is a function without a name. An anonymous function is often not accessible after its initial creation.

In this example, the anonymous function has no name between the `function` keyword and parentheses `()`.

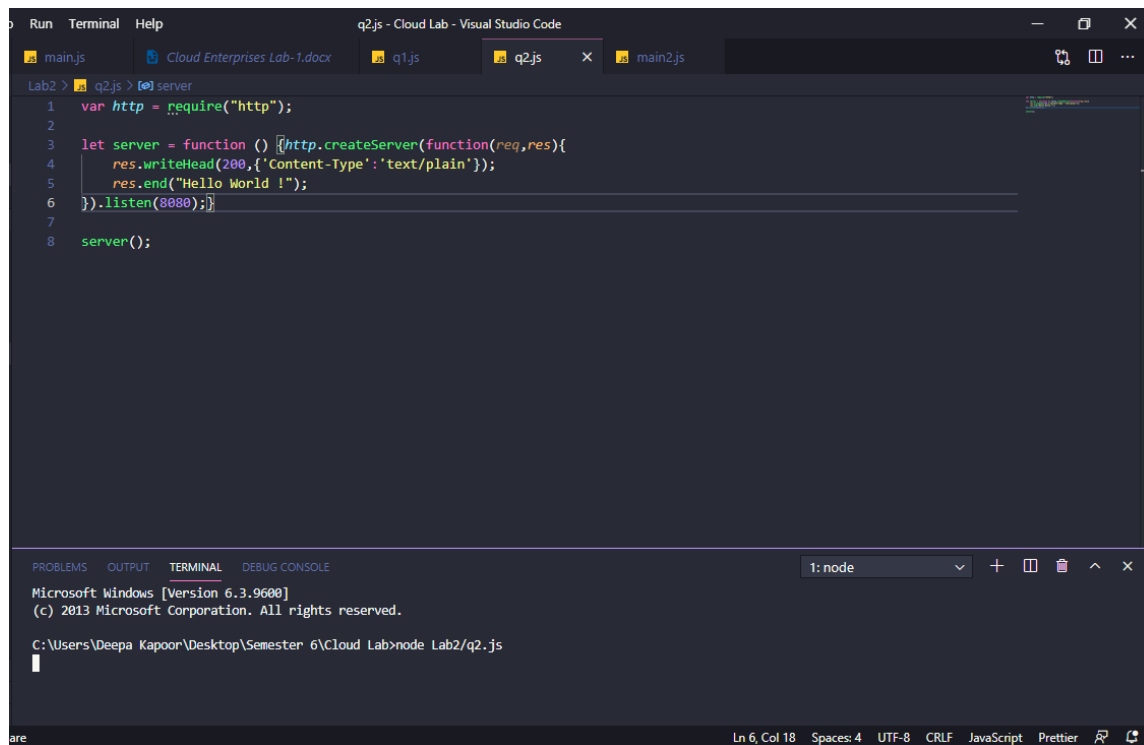
Because we need to call the anonymous function later, we assign the function to the `show` variable.



```
Run Terminal Help q1.js - Cloud Lab - Visual Studio Code
main.js Cloud Enterprises Lab-1.docx q1.js x main2.js
Lab2 > q1.js > ...
1 let show = function () {
2   console.log('Anonymous function');
3 };
4
5 show();

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE 1: cmd + -
code: +[32m'MODULE_NOT_FOUND'+[39m,
requireStack: []
}
C:\Users\Deepa Kapoor\Desktop\Semester 6\Cloud Lab>node Lab2/q1.js
Anonymous function
C:\Users\Deepa Kapoor\Desktop\Semester 6\Cloud Lab>
```

Q2.



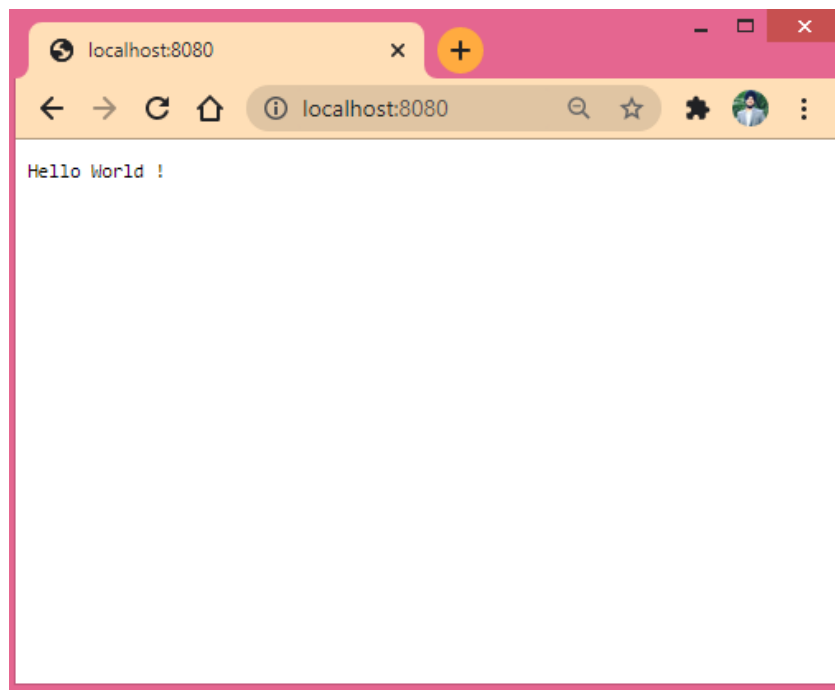
The screenshot shows the Visual Studio Code interface. The editor window displays a file named `q2.js` with the following JavaScript code:

```
1 var http = require("http");
2
3 let server = function () {http.createServer(function(req,res){
4   res.writeHead(200,{ 'Content-Type': 'text/plain' });
5   res.end("Hello World !");
6 }).listen(8080);}
7
8 server();
```

The terminal window at the bottom shows the command `node Lab2/q2.js` being executed. The output of the terminal is:

```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

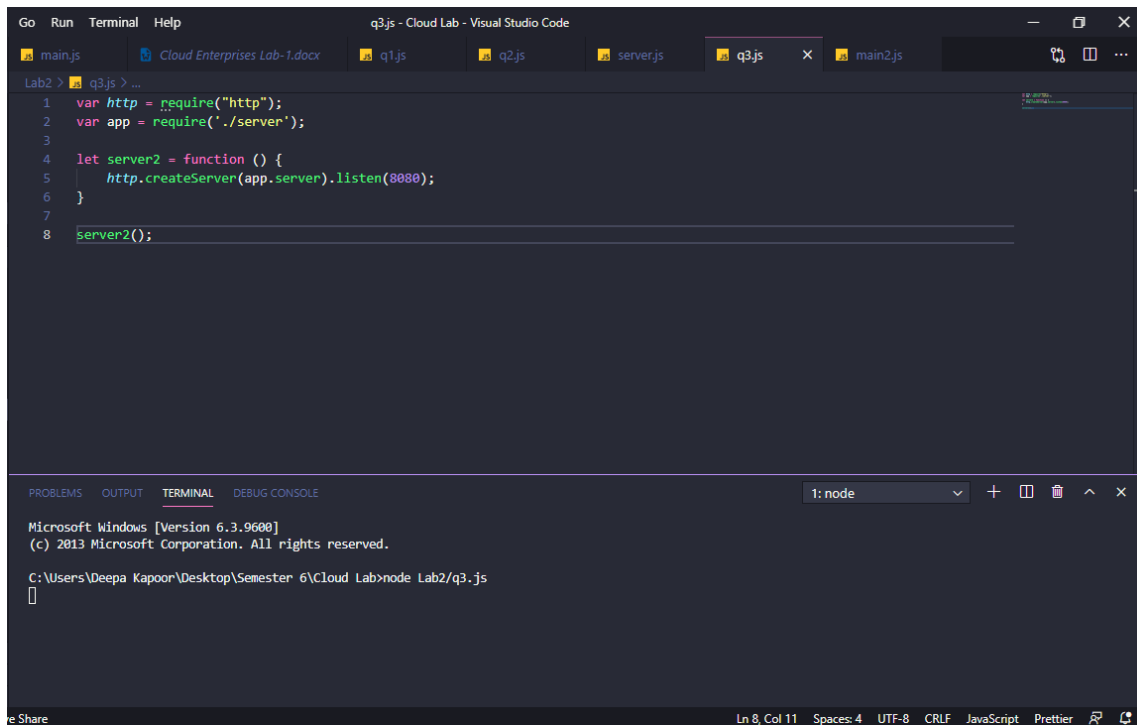
C:\Users\Deepa Kapoor\Desktop\Semester 6\Cloud Lab>node Lab2/q2.js
```



Q3.

server.js

```
module.exports = {  
  server: function(req,res){  
    res.writeHead(200,{ 'Content-Type': 'text/plain' });  
    res.end("Hello World !");  
  }  
}
```



The screenshot shows the Visual Studio Code interface. The editor window displays the following code in `q3.js`:

```
1 var http = require("http");  
2 var app = require("./server");  
3  
4 let server2 = function () {  
5   http.createServer(app.server).listen(8080);  
6 }  
7  
8 server2();
```

The terminal window at the bottom shows the command `node Lab2/q3.js` being executed. The output of the terminal is:

```
Microsoft Windows [Version 6.3.9600]  
(c) 2013 Microsoft Corporation. All rights reserved.  
  
C:\Users\Deepa Kapoor\Desktop\Semester 6\Cloud Lab>node Lab2/q3.js
```

