


## Experiment 3

### Using Core Module and First Web Server

**Experiment 3:** Using Core Module and First Web Server

**Lab Objective:** Setup First Web Server Using Core Module

**Step 1:** Importing the Required Core Modules



```
1  const http = require("http");
```

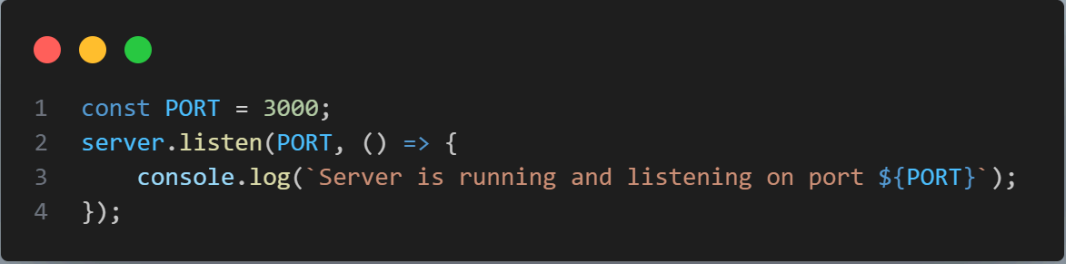
**Step 2:** Creating a Web Server



```
1  const server = http.createServer((req, res) => {  
2      // Write response header (status code and content type)  
3      res.writeHead(200, { 'Content-Type': 'text/plain' });  
4      // Send a response body  
5      res.write('Hello, World! This is my first web server.');
```

```
6      // End the response  
7      res.end();  
8  });
```

### Step 3: Listening to a Port



```
1  const PORT = 3000;
2  server.listen(PORT, () => {
3      console.log(`Server is running and listening on port ${PORT}`);
4  });
```

### Step 4: Running the Server

```
PS C:\Users\91959\Desktop\Collage\3rd_year\Gulsan_Sir\Backend\my-node-app> node server.js
Server is running and listening on port 3000
□
```

