

Experiment 3

Using Core Module and First Web Server

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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
```

