

# Node.js

- Node.js is an open source server environment.
- Node.js allows you to run JavaScript on the server.

## Creating a simple HTTP server

1. Importing “http” module:

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

2. Create an HTTP server:

```
const server = http.createServer();  
server.listen(3000);
```

3. Check if server is running:

```
server.listen(3000, () => {  
    console.log('Server running at http://localhost:3000');  
});
```

4. Send response by response.write() and finish response by response.end():

```
const server = http.createServer((request, response) => {  
    response.write("Hello, World")  
    response.end()  
});
```

5. Send header:

```
const server = http.createServer((request, response) => {  
    response.writeHead(200, {'Content-Type': 'text/plain'})  
    response.write("Hello, World")  
    response.end()  
});
```

**BEWARE OF THIS: text/html**

INPUT	OUTPUT
<pre>const server = http.createServer((request, response) =&gt; {   response.writeHead(200, {'Content-Type': 'text/plain'})   response.write("Hello, World")   response.end() });</pre>	Hello, <b>World</b>
<pre>const server = http.createServer((request, response) =&gt; {   response.writeHead(200, {'Content-Type': 'text/html'})   response.write("Hello, &lt;b&gt;World&lt;/b&gt;")   response.end() });</pre>	Hello, <b>World</b>