

Hello World program in Node.js

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Before creating the actual "Hello world" application in Node.js, see the main parts of the Node.js program. A Node.js program includes the following important sections:

Modules needed : We use require directive to load a module Node.js.

Create Server : A server listens to requests from the client side similar to the Apache HTTP Server.

Read the request and return the response : The server created easily will read the HTTP requests by the client from the browser or console screen to return the response.

Create Node.js application

Step 1: Import the necessary modules

We use the require directive to load the http modules and return the expressions to the http variable as follows:

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

Step 2: Create Server

Next step, we will create http and call http.createServer () method to create a new Server and return a Server Instance and then mount it on port 8081. Transfer it to the request and response parameters. Write the following example paragraph about the "Hello World" program.

```
http . createServer ( function ( request , response ) { // Gui HTTP header cua
```

This code is enough for creating an HTTP Server to listen and wait for the local 8081 response.

Step 3: Check Request & Response

Put steps 1 and 2 together in a file with the name main.js and turn on HTTP Server as follows:

```
var http = require ( "http" ); http . createServer ( function ( request , r
```

Start Server and see the results as follows:

```
$ node main . js
```

Check the result. Server is turned on.

Server is running `http://127.0.0.1:8081/`

Create a request to a Node.js Server

Open `http://127.0.0.1:8081/` in any browser and see the results:.



Congratulations on creating the first Node.js application successfully. Follow up on the next chapters to get a deeper understanding of Node.js.

According to Tutorialspoint

Previous lesson: [Module in Node.js](#)

Next article: [REPL Terminal in Node.js](#)

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