Content from tutorial point

<https://www.tutorialspoint.com/nodejs/nodejs_first_application.htm>

A node application consists of the three important modules

* import required modules
* create server
  + which will listen to client's request similar to apache HTTP server
* Read request and create a response
  + the server created in an earlier step will read the http request made by the client which can be a browser or a console and return the response

# Step 1 – import required modules

Use the require directive to load the http module and store the returned instance into an http variable as follows

const http = require(‘http’);

# Step 2 - create server

We use the created http instance and call http. createServer() method to create a server instance and then we bind it at port 8081 using the listen method associated with the server instance.

Pass it a function with parameters request and response. Write the sample implementation to always return ‘Hello World’.

http. createServer((request, response) => {

// Send the HTTP header

// HTTP status 200: ok

// Content type: text/plain

response.writeHead(200, {‘Content-Type’: ‘text/plain’});

// Send the response body as ‘Hello world’

response.end(‘Hello World\n’);

}).listen(8081);

// Console will print the message in the client

Console.log(‘Server running at <http://127.0.0.1:8081/>’)

# Step 3 – reading (testing) request and response

Let’s put step 1 and 2 together in a file called main.js and start the HTTP server by starting the server. The starting is done by executing main.js in the CLI.

$ node main.js

You can verify (‘Console should be logging the message you have given’) the output in the console or browser.