1. [Node.js](https://node.js/) program that sets up a basic web server

// Load the http module to create an HTTP server.

const http = require('http');

// Configure the HTTP server to respond with "Hello, World!" to all requests.

const server = http.createServer((req, res) => {

res.statusCode = 200;

res.setHeader('Content-Type', 'text/plain');

res.end('Hello, World!\n');

});

// Listen on port 3000, IP defaults to 127.0.0.1

server.listen(3000, '127.0.0.1', () => {

console.log('Server running at http://127.0.0.1:3000/');

});

**Save this code in a file named app.js, then run it from the command line using node app.js. Your server will start, and you can visit http://127.0.0.1:3000 to see the "Hello, World!" message.**

1. **Node.js program that sets up an Express server and serves a simple "Hello, World!" response:**

// Install express with: npm install express

const express = require('express');

const app = express();

// Define a route to handle GET requests to the root URL

app.get('/', (req, res) => {

res.send('Hello, World!');

});

// Start the server on port 3000

app.listen(3000, () => {

console.log('Server is running on http://localhost:3000');

});

**Save this code in a file named server.js, install the Express package using npm install express, and then run it with node server.js. Your server will start, and you can visit http://localhost:3000 to see the "Hello, World!" message.**