**1. Install Required Packages**

First, you need to install Jest and supertest:

npm install --save-dev jest supertest

### 2. ****Server Code (server.js)****

This is your existing server code, which we'll assume is saved in a file called server.js:

const http = require('http');

const port = process.env.PORT || 3000;

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

res.statusCode = 200;

const msg = 'Hello Node!\n';

res.end(msg);

});

server.listen(port, () => {

console.log(`Server running on http://localhost:${port}/`);

});

module.exports = server; // Export the server for testing

### 3. ****Test Case (server.test.js)****

Create a test file, server.test.js, where you will write the test case:

const request = require('supertest');

const server = require('./server'); // Import the server

describe('GET /', () => {

afterAll(() => {

server.close(); // Close the server after all tests are done

});

it('should respond with "Hello Node!"', async () => {

const response = await request(server).get('/');

expect(response.statusCode).toBe(200);

expect(response.text).toBe('Hello Node!\n');

});

});

### 5. ****Run the Test****

Finally, run your test using Jest:

npx jest

# Basic project information

sonar.projectKey=26016\_ALM\_PDFGeneration\_Demo:master

sonar.projectName=26016\_ALM\_PDFGeneration\_Demo

sonar.projectVersion=1.1

# SonarQube server information

sonar.host.url=http://sonar.cybage.com/

sonar.login=1a898ae5d8315e8f10b78fa76354f21ca090bc44

# Directories to scan

sonar.sources=.

# sonar.tests=.

# Coverage configuration

sonar.javascript.lcov.reportPaths=coverage/lcov.info

# Exclusions

sonar.exclusions=node\_modules/\*\*,coverage/\*\*