Directions

1. Open your terminal and navigate to your code folder.
2. Create a new folder named first-express-app.
3. In the new folder, create a file called index.js.
4. Document the steps above on your personalized list.
5. In your terminal, in your project folder, run the command npm init -y
6. Run the command npm install express
7. Want to feel like a pro? You can run npm i express as a shortcut!
8. Open up your index.js file.
9. Require this in the js.
10. Paste this into the js file on the first line of code

// Require needed modules

const express = require('express')

1. initialize

Add the line of code seen below just beneath the existing code in your index.js file.

// Require needed modules.

const express = require('express')

// Initialize the app object.

const app = express()

1. 1.Call app.get() in your code below where you've declared your app variable.
2. The get() method accepts two arguments: a path (string) and a callback (function). Give it the string '/' as the path.
3. For the second argument, we need to write a callback function. We can write it inline. This inline function has two parameters: req and res, which represent the HTTP request and HTTP response objects respectively.
4. In your inline callback function, call res.send(). You can send any content you'd like for the moment. We will use "Hello world" for our example. Remember, the code in this callback function is what runs when someone visits that path on your website!

// Require needed modules.

const express = require('express')

// Initialize the app object.

const app = express()

// Create a homepage route.

app.get('/', function (req, res) {

// This gets sent to the client

// (your web browser most likely!)

res.send('Hello world')

})

1. After your homepage route, call the app.listen() method.
2. Pass the port number 3000 (or another port number of your choice) as an argument to the listen() method.
3. Optional: You can pass a callback function as your second argument; this function runs when the server starts up!

Alt way to call

// Listen for connections.

app.listen(3000, function () {

console.log('I am awake!')

})

1. In your terminal, run the command nodemon in the project folder (first-express-app) to start your server.
2. If you passed a callback with a console.log in it to app.listen(), you should see the text printed out on the terminal.
3. Open your favorite web browser.
4. In your web browser's address bar, type **http://localhost:3000/** and press ***Enter***.

Note: If you used a port other than 3000, substitute that number instead. For example, if your code has app.listen(3001), then to visit your homepage in the browser, you would type **http://localhost:3001/** in the address bar.

1. Ensure that you see the "Hello world" text that you sent with the res.send() method.

// Require needed modules.

const express = require('express')

// Initialize the app object.

const app = express()

// Create a homepage route.

app.get('/', function (req, res) {

// This gets sent to the client

// (your web browser most likely!)

res.send('Hello world')

})

// Create a second route.

app.get('/second', function (req, res) {

res.send('My Second Page!')

})

// Listen for connections.

app.listen(3000, function () {

console.log('I am awake!')

})