



## Sum of Nested Functions



It seems like you're trying to create an HTTP server using the `http` module and listen on port 8000. However, there are a couple of issues with your code. Here's an updated version with the necessary corrections:

javascript

Save to grepper

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```
const http = require('http');

const server = http.createServer((req, res) => {
  if (req.url === '/home') {
    res.writeHead(200, { 'Content-Type': 'text/plain' });
    res.end('Hello, this is the home page!');
  }
});

server.listen(8000, () => {
  console.log('Server is listening on port 8000');
});
```

In this updated code:

1. The server's request listener is passed as a callback to `http.createServer()`. This callback function takes two arguments: `req` (the request object) and `res` (the response object). Inside the callback, we check if the request URL is `/home` using `req.url`.
2. If the URL matches `/home`, we send an HTTP 200 status code and a simple response message in the plain text format.
3. We listen for incoming connections on port 8000 using `server.listen(8000, callback)`, where `callback` is invoked once the server starts listening. In this case, we log a message to the console indicating that the server is listening.

Make sure to run this code in a Node.js environment to start the server on port 8000.

