



WEEK 3 Module 9

NodeJS HTTP Server

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We have discussed a little about the NodeJS http module. Now, let's talk about how we can use this server module to serve a fully functional webpage.

The first thing we learnt from the http module is that a server is always listening at a specific port. But what exactly is a port... in our module 7, we used 5000 as our port. Why this? I specified we can use any other number, remember? To better understand about ports in computer network, please read the following article.

[https://en.wikipedia.org/wiki/Port_\(computer_networking\)](https://en.wikipedia.org/wiki/Port_(computer_networking))

Next, we have the response of the server. The server sending a response and it's is essential that we specify the type of response we are sending over. Be it an HTML response, Plain Text response, CSS response, JavaScript response, Image response or another other type of response.

When using express, this will be handled automatically but it is important to understand this concept.

We have also talked about headers and status codes in our module 3 and this knowledge will still be needed all through the course.

Now, let's proceed to serving a webpage using pure NodeJS.