NodeJS HTTP Server

# It is important to send different information on different links.

* Start up your NodeJs project, using Notebook 1.
* Node.js has a built in HTTP Module, which can be accessed with this method.

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

* Use the create server method to create an HTTP server that listens to ports and gives responses back to the client.

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| http.createServer(function (req, res) {    res.write('Hello World!'); //write response to client    res.end(); //ends the response  }).listen(8080); //the server listens on port 8080 |

* When the function passes the http.createServer() method, Then you’ll be able to access the port in server 8080.
* In order to handle requests, the listen method needs to be called on the server object. When an HTTP request hits the server, node calls the request handler function with a few handy objects for dealing with the transaction, request and response
* . To send different responses depending on the URL the user is connected to, you can use this code:

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| const http = require('http');  http.createServer(function (req, res) {    console.log(req.url);    if (req.url == "/") {      res.write('Hello World!'); //write response to client      res.end(); //ends the response    } else if (req.url == "/request"){      res.write('Hello Again!'); //write response to client      res.end(); //ends the response    }      }).listen(8080); //the server listens on port 8080 |

* This will send the user to a new page with a different response.