Notebook 3: Using ExpressJS with NodeJS

# Prerequisites

## Previous Tutorials

1. Refer back to other tutorials
2. Be sure to have a file in JS and a server that can handle requests and responses

# How to use npm to install new packages in your project

## Using the Install command

1. Use the start menu to open the cmd prompt
2. Use cd to connect to the folder with the js file in it
3. Use the command npm install following with the needed package

npm install your package

# Importing these modules into your application script

## Using the command require

1. Open your main js script inside an IDE
2. In preferably the top line of your code, use the command =

var express = require(‘express’)

# How to set up an ExpressJS application into your code

## Find an application you want

1. If its similar to the website, just use the code for your http server
2. But change require http, require express

# How to handle GET requests at different endpoints using ExpressJS

## Using app.get()

1. This sends the code whenever someone arrives to the link
2. Simple code v
3. app.get('/', function (req, res) {
4. res.send('hello world')
5. })

# How to start a listen server using ExpressJS

## Using server.listen()

1. This is the base code to initialize the listen server
2. This is a base example for the listen server
3. Make sure you define hostanme with your IP and assign port with a number!

server.listen(port, () => {

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

});