**Node examples**

* **project1**This is the *greet* example with the index file, showing how we can require the English and Spanish modules in index.js and then just require the index modules
* **server1**This is the simplest kind of server --- from Assignment 1
* **server2**This is the very simple example which show handling different endpoints (about p.8 of the Class by Class Assignments doc; code has black background from VS Code)
* **server3**This is based on the video at https://www.youtube.com/watch?v=SccSCuHhOw0
It begins with **npm –y init** even before there is an appl.js
Next **npm i express** to install express (locally ) – note he is using v4.17.1)
Next **npm i –save-dev nodemon**Inside the package.json file add in the scripts object
 **“devStart”: “nodemon server.js”**(It’s okay to get rid of the “test” script which is there.)
Now if we say **npm run devStart** then nodemon will run server.js, but also restart it everytime we save a change to one of our files.
**WARNING**: This video uses server.js as the main file ---- check your package.json file: it may default to index.js as the main file, in which case you need to edit it.

**I also had to install express globally (with a –g flag) to get this to work.** I’m okay with that as I expect to use express a lot.
Just as res.send() will send a string, res.json() will send some json and res.download() may be used to send a file for download.
**res.render()** will render an html page – by default stored in the **views** folder of your project.
To do this you will need to *install* a templating engine (ejs or pug or express-handlebars) and inside your main file (here server.js) will will need to specify the view engine: **app.set(‘view engine’, ‘hbs’) or other template engine.**A good introduction to the various popular template engines is at

https://blog.logrocket.com/top-express-js-template-engines-for-dynamic-html-pages/ (Please notice that handlebars files have the .hbs extension, ug files have .pug and ejs files have .ehs)

* **Syed\_factory and Syed\_shared** are the two examples from the Syed book which are discussed in Assignment 2. (About p.8 of the Class-by\_class Assignments.)
* **spackRadio** is the tutorial from Hacksparrow.com shortly after it.
* **urlProperties and urlStuff** go with the files 8 and 9 on Accessing parts of the data sent with a GET or a POST.
* Inside the **withExpress** folder you will find **BradExample2,** which goes with the Brad Traversy video we use to learn Express.
* Inside the **forMongo** folder you will find some basic information about mongo (which should be familiar to students from the Database course) and the self-explanatory **MongoApp.**