Week 12 Front End Assignment

Full Stack JS 40 points

Requirements Node JS and MongoDB

- You should have nodejs installed
- Cannot be done in codepen
- Upload a zipped folder into the assignment attached.
  - Backend Code
  - Front End code
  - Screen images of front end working andIproof it works (using postman)
- I should be able to open the zip file, go to command line and start the node sever, then I should be able to go to the index.html page and add a todo to your backend

Front End Layout

Add New Todo

New Todo: [   ]

[Create New Todo]

Install MongoDB

Complete this tutorial

https://www.codementor.io/olatundegaruba/nodejs-restful-apis-in-10-minutes-q0sgsfhbd (Links to an external site.)Links to an external site.

You should be able to start the mongo database with "mongod"

Before you should be able to see the version with the command "mongo --version"

If you get something like "command not recognized" then you path in the environment is not set correctly

MongoDB Download

https://www.mongodb.com/download-center#community

This is the Windows Version that works on Windows 10.

This will give you some help on installation

https://docs.mongodb.com/manual/tutorial/install-mongodb-on-windows/#run-mongodb-community-edition (Links to an external site.)Links to an external site.

You may need to create a path in windows toT the MongoDB bin file

Mine looks like this C:\Program Files\MongoDB\Server\3.4\bin

 https://stackoverflow.com/questions/15053893/error-when-trying-to-connect-to-a-mongod (Links to an external site.)Links to an external site.

Download this version

You should get a command window when start DB

Close the window and the DB stops   (note the port number at the bottom)

Error in code you may find

When you start mongodb and try to connect with postman you may find an error about connect()
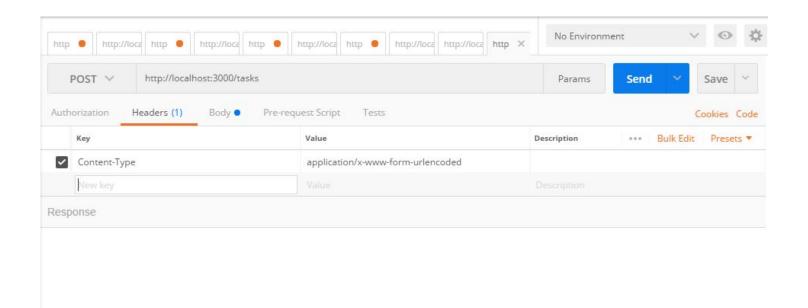
You may find this code helpful

// mongoose instance connection url connection
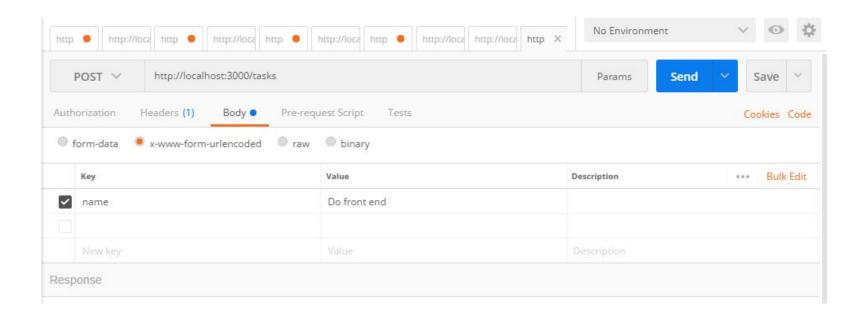
mongoose.Promise = global.Promise;

mongoose.connect('mongodb://localhost/Tododb', {useMongoClient: true});

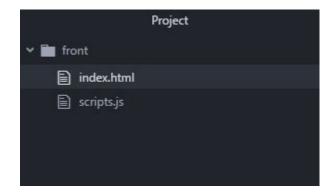# Postman Create (1) Header

Note the urlencoded

Postman (2) Body

Postman Display

Front end

My Folder

Don't forget to connect the script to index

<script src="scripts.js"></script>

Your Fetch has to use URL Enocoded

This may help

```
fetch(url, {



  method: 'POST',

  headers: {'Content-Type':'application/x-www-form-urlencoded'}, // this line is
important, if this content-type is not set it wont work

  body: !!This is a string with your name value pair sent to the mongoDB

  })
```

Remember

Need a zipped file with both the server code and the front end code that I can download and run.