**Setting up the repository:**

* In your project root folder run the following command to initialize Git

**git init**

* Here in {Your\_Project} folder, we have **package.json** and **node\_modules**. We do not want to track this directory because it contains all of our npm libraries. To ignore **node\_modules**, in **Atom** we're going to make the **.gitignore** file in the root of our project or use **touch .gitignore** command in **Git Bash**
* Open the **.gitignore** in atom and type **node\_modules/** and save.
* The next thing we're going to do is make our first commit, using two commands. First up, I'm going to use git add . to add everything to the next commit. Then, commit using git commit with the -m flag:  
  **git add .**  
  **git commit -m 'Init commit‘**
* Now to make a GitHub repository and get this code up there, open up the browser and go to [github.com](http://www.github.com/). Once you're logged in we can make a new repo.
* In this case, we're pushing an existing repository from the command line:

**git remote add origin https://github.com/{account name}/node-course-2-todo-api.git**   
**git push -u origin master**

* In the Terminal, run **git status** to see what files we have untracked and add it using:
* **git add** . **git commit -m 'Add delete script'**
* Now push it up to GitHub using **git push**, which will default to the origin remote.
* When you only have one remote, the first one is going to be called origin. This is the default name, just like master is the default branch.
* With this in place, we are now done. Our code is up on GitHub.

**Creating a Heroku app**

In order to get set up,

* over inside of the Terminal we're going to create a new Heroku app using,

**heroku create**

* Now, if you run the **heroku config** command you can actually get a list of all the configuration variables for your Heroku application
* Right now, we just have one configuration variable; it's a **MONGODB\_URI**. This is the database URL that mLab gave us. Inside of **mongoose.js**,

**mongoose.connect(process.env.MONGODB\_URI || 'mongodb://localhost:27017/TodoApp');**

* Over inside of the Terminal run **git status** to check our changed files.
* Then run, **git commit -am 'Setup app for heroku‘**
* Followed by, **git push heroku master**
* Once it's done, we can open up the URL in the browser and see exactly what we get.