**Setting up the repository:**

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

**gitinit**

* 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 **herokuconfig**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.