Tutorial Part 1

1. Download Git Bash and use instead of command prompt
2. Download Node JS
3. Create a new folder in the node folder for the project
4. Create Server.js file
5. Open command prompt/ Bash
6. Navigate to project folder with CD
7. Use npm to install express to this folder
8. Require the express module into the server.js file
9. Test that the server is running correctly with app.get. In the command prompt tyoe node server. In browser navigate to local host 3000 and we should see the message.
10. Set up html template – we need an express command so that the server knows where to look for the file. App.use(express.static(\_\_dirname + “/public”)); insert static files in a folder called public.
11. Create public folder.
12. Create an index.html file in the public folder.
13. Write content in this file, just to see that it works. Go back to server and then refresh browser.
14. Setup Angular js. Copy the test link next to CDN and type: script src=”linkto angular js”. Now we can use angular js.
15. Test Angular js.
16. Setup bootstrap. Use the cdn link again.
17. Test bootstrap.
18. Create general layout for the app.
19. Create a controller that controls the actions between the view and the model. Create a folder called controllers. Create a file called controller.js.
20. Connect the controller.js file with the index.html file. In the index.html file, insert a new script to link it to the cotroller .html file. Inser function into the controller file. Enter into developer tools (ctrl +shift+i). We should see the consol log message.
21. Create dummy data to test. In the controller.js file, insert some objects with the correct keys. Create an array of these objects.
22. Use $scope to use the array in the html file. - In this example they are displayed by a table
23. Use $http . Copying dummy data to server file
24. Download and install MongoDB. Create a folder for the database we create. Within C create data and then in data create db.
25. In the command or Git bash navigate to the bin folder within mongo. Type mongod. We should see at the bottom is waiting for connection….
26. Create initial data for the database. Open another command prompt. Navigate to mongo/bin. Type mongo. This shows that mongo db is connected to a db named test. We will switch to a data base called contact list. Create a new contact. And we can view inserted object.