My Notes Task Document

**Approach:**

I have selected task 2 to complete as per the instructions in the email.

To being with I created a HTML document prototype named “MyNotes.html” which doesn’t use Angularjs. The reason for this was to produce a semi-functioning product using HTML, CSS and Javascript in order to produce a solution for this problem using a table.

I then proceeded to look up Angularjs in order to learn the basics and more in depth material. It was easier for me to construct the web application which utilizes Angularjs as I was able to use my prototype as groundwork. IT was also easier and knowing what documentation/tutorials to look up for Angularjs such as adding rows to tables, using functions for manipulating table cells etc. and what the HTML layout should follow. I am familiar with the MVC pattern and this enabled me to grasp some concepts such as using controllers, separation of concerns, using $scope variable as model etc.

I am familiar with Git and was able to create a GitHub link for this application.

The final version of my web application is “MyNotesAngularFinal.html” and the CSS file is “notes.css” and the JS file is “mynotes.js”.

The GitHub link is <https://github.com/SNK45/MyNotes.git> and this application was tested on Mozilla Firefox Version 27.0.1.

**Research:**

I used Google to find tutorials and documentation for Angularjs. Some of the sites/sample programs I used were:

* StackOverflow
* <http://angularjs.org/>
* <http://www.jensbits.com/2011/08/12/javascript-array-to-json-string-with-json-stringify/>
* <http://tutorials.jenkov.com/angularjs/forms.html>
* <http://jsfiddle.net/slav123/75m7e/3/>

**Incomplete Tasks:**

* Unfortunately I was unable to print out the JSON objects as required. My approach to this however, was to have two arrays, one containing names of the models for each question and the other for names of the answers. For example they would look like [qmodel1, qmodel2…] and [amodel1, amodel2…]. This would store the information for the model (text input) and I could convert these arrays to a new object array and use JSON.stringify to convert the array to JSON string. However I faced some difficulties with associating the model with the text input and therefore could not complete it before the deadline.
* Unfortunately also due to time constraints I was unable to deploy my web application on a reachable internet address as I am unfamiliar with Ruby on Rails and Heroku and it would take me more time to learn this.