WEEK 4 ASSESSMENT

**ANGULAR**

# IN YOUR TEXT FILE, WRITE THE CODE TO COMPLETE THE FOLLOWING

### Angular

1. Create a module named “testApp” and include it in the <html> tag using the ngApp directive.
2. What does each part of MVC represent? Explain.
3. What directive is used to create templates for each item within an array? Write an example of using the directive to create a new paragraph tag based the following array:

vm.users = [“Adam”, “Yasmine”, “David”, “Kim”, “Anna”, “Josh”, “Charlene”];

1. Create a controller named "GreetingController". In the controller, create a property on vm named “greeting” which has a value of “Hello friends! Welcome to the application!”.
2. Include the previous controller, GreetingController, on a <div> element using the ngController directive. Create a paragraph inside the <div> that uses an Angular expression to display the greeting message.
3. What type of Angular component do we use to persist data throughout an application?
4. In AngularJS, what is the use of a directive?
5. If routing is to be used in an application, what dependency must be injected into the module.
6. List two benefits of structuring your code using components.
7. Using the $http service, write an HTTP request to <https://www.example.com/books.json>, using the GET method. Log the results to the console.

Code challenge:

You are given two designs below. One design is a form and the other is a story. When a user fills out the inputs and clicks the submit button, the application will direct the user to the story page and display a story containing the words from the four inputs. Yes, this is Mad Libs. You are responsible for creating an Angular application(HTML, CSS, and JavaScript) necessary to complete the task.

JavaScript

1. The module’s name will be “storyApp”.
2. You will need two components.
   1. One called “formComponent”
   2. One called “storyComponent”
3. The service called “StoryService” has two methods.
   1. setWords - this is used to initialize a variable within your service to the data sent from formComponent
   2. getWords - this is used to return the variable within your service to the storyComponent
4. Must have routing set up to let the user to navigate between the form and the story pages.
5. The values of the inputs will be stored in an object. When the form is submitted, the object will be sent to the StoryService.