

Session 9 exercises

Advanced JavaScript for Web Sites and Web Applications

Exercise 1 - Mustache

Download and extract the workshop files.

In the *mustache* folder you will find a file called *mustache.js*. Open it in your editor.

An object containing some data has been defined for you:

```
var peopleData = {  
  "people": [  
    {  
      "name": "Bob",  
      "age": "43"  
    },  
    {  
      "name": "Mary",  
      "age": "31"  
    },  
    {  
      "name": "Geoff",  
      "age": "27"  
    }  
  ]  
};
```

Your task

Create a simple script to loop over the *peopleData* object and transform it to HTML using a Mustache template.

The resulting HTML should look like this:

```
<ul>  
  <li>Bob is 43</li>  
  <li>Mary is 31</li>  
  <li>Geoff is 27</li>  
</ul>
```

Remember, you are passing *peopleData* to *Mustache.render()*, and the *list* is stored under the *people* key.

Exercise 2 - Angular

In your editor, open *angular.html* from the *angular* folder in the workshop files.

There are 3 classes defined in the css called: *red*, *blue* and *yellow*.

Each of these classes assigns a different background colour to an element.

In the HTML there is a *<div>* element with the id: *box* and an *<input>* tag.

Your task

Can you give the box a different colour based on the text entered in the input field?

i.e. If you type **red** in the input, the box will turn red, if you type **yellow**, it will turn yellow.

In other words, can you retrieve the data entered in the *input* and insert it in the `class` attribute of the *box*.

Remember, an angular app needs to be wrapped in an element with the attribute: `ng-app=""`