

FIT2095 e-Business software technologies - S2 2021

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Week 9 workshop quiz

Q1) What is observable in Angular? Support your answer with an example. (5m)

Q2) What is the role of [declarations](#), [imports](#), [providers](#) and [bootstrap](#) in Angular module? (8m)

Q3) What is the role of the attribute [selector](#) in Angular component? (2m)

Q4) Assume you have the following function that is implemented in a service injected to a component called '[Weather](#)'. (7m)

```
getTemperature() {  
  return this.http.get('/temp');  
}
```

The component has a variable called [temperature](#) and it is declared as follows:

```
temperature: number;
```

Develop a function called [getCurrentTemperature](#) for the component that should invoke [getTemperature\(\)](#) and assign the returned data to [temperature](#).

Q5) Assume you have a component called '[Student](#)' that has two div sections and a button in its template. (12m)

```
<button>Toggle Me</button>  
<div style="background-color: aqua; width: 20%">  
  <h5>This is Section 1</h5>  
</div>  
  
<div style="background-color: chocolate; width: 20%">  
  <h5>This is Section 2</h5>  
</div>
```

What should you do to make the button "Toggle Me" works like a toggle button such that it displays one div (section) at a time as shown below. Your answer should provide all the required source codes to achieve this task.

