

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:

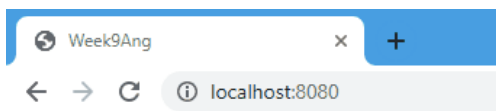
```
temperature: number;
```

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.



Toggle Me

This is Section 1