

## FIT2095 e-Business software technologies - S2 2021

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## Question 1

Complete

Mark 10.00 out of 10.00

## Question 1

Observables support messaging between publishers and subscribers in the application, and can send multiple values of any type. Observed object are observed with subscribe method, while it takes the action, observer can get be notified while the function completed and unsubscribe

```
onSaveActor() {  
  let obj = { name: this.fullName, bYear: this.bYear };  
  this.dbService.createActor(obj).subscribe(result => {  
    this.onGetActors();  
  });  
}
```

In this example, SaveActor is observed, we can use subscribe to get the information while the method executed

Comment:

## Question 2

Complete

Not graded

## Question 2

**declarations**

declarations is declaring which components, directives are use by module. The function of this is make those components become public for other module's component, hence other component can use them

**imports**

import statement is giving the modules the power to access other public object from other module, they also import some supporting module like form module

### providers

provider create a services in global and all application can use it like database services

### bootstrap

bootstrap is a kind a view application which in root and only root should set bootstrap

#### Question 3

Complete

Not graded

#### Question 3

A selector is used for identify each component uniquely into the component tree and also tell angular to find the tag in HTML file.

```
@Component({
  selector: 'app-movie',
  templateUrl: './movie.component.html',
  styleUrls: ['./movie.component.css'],
})
```

in this example the selector point the component in app file and in movie file

#### Question 4

Complete

Not graded

#### Question 4

```
getCurrentTemperature() {
  this.temperature.getTemperature().subscribe((temp: Number) => {
    this.temperature = temp;
  });
}
```

#### Question 5

#### Question 5

t

**this is my files' path. In change.component.ts:**

```
import { Component, OnInit } from '@angular/core';
```

```
@Component({
  selector: 'app-change',
  templateUrl: './change.component.html',
  styleUrls: ['./change.component.css']
})
export class ChangeComponent implements OnInit {

  constructor() {}

  ngOnInit(): void {

    section=1;
    count = 0;
    changeSection(sectionId:number){
      this.count = this.count+sectionId
      if (this.count%2==1){
        this.section=2;
      }
      else {
        this.section=1;
      }
    }
  }
}
```

**In change.component.html:**

```
<button (click)="changeSection(1)">Toggle Me</button>
<div style="background-color: aqua; width: 20%" *ngIf= "section==1">
  <h5>This is Section 1</h5>
</div>

<div style="background-color: chocolate; width: 20%" *ngIf= "section==2">
  <h5>This is Section 2</h5>
</div>
```

**In app.component.html:**

```
<app-change></app-change>
```

#### Question 6

Question **7**  
Not answered  
Not graded

Question 7

Question **8**  
Not answered  
Not graded

Question 8

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