



FIT2095 e-Business software technologies S2 2019

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Started on	Friday, 27 September 2019, 9:57 PM
State	Finished
Completed on	Friday, 27 September 2019, 10:55 PM
Time taken	58 mins 56 secs
Grade	9.23 out of 10.00 (92%)

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Question 1

Complete

Mark 9.23 out of 10.00

Question 1

(Part 1)

- Components:

They are the classes that interact with the HTML file of the component (the view).

Components consist of the template (view) + a class (Typescript) and metadata (helps angular point to data for displaying on the template). Components also enable a user experience but do nothing more than that.

- Service

It is a well-defined class with a specific purpose in mind. Components can thus interact with service to do specific task, such as validating user input or fetching data from the server.

(Part 2)

There are different ways of making a service available application-wide. Using the `@Injectable()` decorator in the metadata of the service, or the `@NgModule()` or `@Component()` metadata.

```
@Injectable({
  providedIn: "root",
})
```

```
@NgModule({
  providers: [
    SomeService
  ],
  ...
})
```

```
@Component({
  providers: [SomeService]
})
```

(Part 3)

Observables handle asynchronous operations, which enables tasks to be executed whenever there is a subscriber added to an observer for notifications to be received.

HTTP functions return observable output and the components have to call their `subscribe()` methods.

Comment:

Q1=95% Q2=80% Q3=100%

Question 2

Complete

Not graded

Question 2

```
import { DatabaseService } from ".../database.service";

@Component({
  Selector: "app-imdb"
  templateUrl: "./imdb.component.html"
})
export class ImdbComponent implements OnInit {
  actorDB: any[] = [];
  constructor(private actorService: DatabaseService){}
  onGetActor(item) {
    this.actorService.getActors( item.id ).subscribe( (data:any[]) => {
      this.actorDB = data;
    });
  }
}
```

Question 3

Complete

Not graded

Question 3

```
<label for="onOff">section on/off</label>
<input type="text" id="onOffSelection" [(ngModel)]="firstSelect"><br>
<label for="secNumber">section Number</label>
<input type="number" id="sectionNumber" [(ngModel)]="secondSelect">

<div *ngIf="firstSelect=='on'">

  <div *ngIf="secondSelect==1">

    <h2>Section 1</h2>

  </div>

  <div *ngIf="secondSelect==2">

    <h2>Section 2</h2>

  </div>

  <div *ngIf="secondSelect==3">

    <h2>Section 3</h2>

  </div>

</div>
```

Question 4

Not answered

Not graded

Question 4

Question **5**

Not answered

Not graded

Question 5

Question **6**

Not answered

Not graded

Question 6

Question **7**

Not answered

Not graded

Question 7

Question **8**

Not answered

Not graded

Question 8

◀ Week 9 Workshop quiz

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Week 9 Pre-Reading Quiz ▶