



FIT2095 e-Business software technologies S2 2019

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Started on	Friday, 27 September 2019, 1:11 AM
State	Finished
Completed on	Friday, 27 September 2019, 1:15 AM
Time taken	3 mins 53 secs
Grade	10.00 out of 10.00 (100%)

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Question 1

Correct

Mark 1.00 out of 1.00

Which of the following is false about Angular Services?

Select one:

☐

a. for the service to be accessible application-wide, it has to be registered as provider in the app module

☒

b. A service is a function that can be shared between components ✓

☐

c. The service can be used as a platform for inter-component communication

☐

d. There is a possibility to create a service using Angular CLI

Your answer is correct.

The correct answer is: A service is a function that can be shared between components

Question 2

Correct

Mark 1.00 out of 1.00

Which of the following is false about Dependency Injection (DI)?

Select one:

☐

a. The list of dependencies of a component can be found in the constructor parameter types

☐

b. DI has an injector that is responsible for creating components, resolving their dependencies, and providing them to other components as requested.

☐

c. Dependency Injection (DI) is a software design pattern

☒

d. It is a built-in class that injects services to components ✓

Your answer is correct.

The correct answer is: It is a built-in class that injects services to components

Question 3

Correct

Mark 1.00 out of 1.00

To create a new Angular application named 'w9wsq', Which of the following is the correct CLI statement?

Select one:

- ☐ a. npm new w9wsq
- ☒ b. ng new w9wsq ✓
- ☐ c. ng create w9wsq
- ☐ d. ng generate w9wsq
- ☐ e. npm new --Angular w9wsq

Your answer is correct.

The correct answer is: ng new w9wsq

Question 4

Correct

Mark 1.00 out of 1.00

To create a new component named 'movie' in an application named 'w9wsq', which of the following is the correct CLI statement?

Select one:

- ☐ a. ng component generate movie w9wsq
- ☐ b. npm generate component movie w9wsq
- ☐ c. ng new component movie
- ☒ d. ng g c movie ✓

Your answer is correct.

The correct answer is: ng g c movie

Question 5

Correct

Mark 1.00 out of 1.00

Assume you have this component:

```
import { Component, OnInit } from '@angular/core';
@Component({
  selector: 'app-actor',
  templateUrl: './actor.component.html',
  styleUrls: ['./actor.component.css']
})
export class ActorComponent implements OnInit {
  constructor() { }
  ngOnInit() {}
}
```

How does function ngOnInit() will get invoked?

Select one:

- ☒ a. Angular calls it shortly after creating the component ✓
- ☐ b. A call should be made inside the constructor
- ☐ c. Angular calls it shortly after creating the root module
- ☐ d. A button in the template has to invoke this method
- ☐ e. Angular calls it shortly after creating all the app's services

Your answer is correct.

The correct answer is: Angular calls it shortly after creating the component

Question 6

Correct

Mark 1.00 out of 1.00

Given the following statement:

```
constructor(private dbService: DatabaseService) {}
```

What is **dbService**?

Select one:

- ☐ a. A reference to a private/local class
- ☒ b. A reference to a dependency which is class represents a service ✓
- ☐ c. A reference to a class represents a component
- ☐ d. A reference to a function to be injected by Angular

Your answer is correct.

The correct answer is: A reference to a dependency which is class represents a service

Question 7

Correct

Mark 1.00 out of 1.00

Assume:

- http is an instance of HttpClient
- httpOptions is an object contains HttpHeaders
- data: a JSON object contains the row data
- pathname for POST is '/api'

Which of the following is a correct POST statement?

Select one:

- ☐ a.

```
this.post("/api", data, httpOptions);
```
- ☐ b.

```
this.http.post("/api", httpOptions,data);
```
- ☒ c. ✓

```
this.http.post("/api", data, httpOptions);
```
- ☐ d.

```
this.http.post(httpOptions, data,"/api");
```
- ☐ e.

```
this.http.put("/api", data, httpOptions);
```

Your answer is correct.

The correct answer is:

```
this.http.post("/api", data, httpOptions);
```

Question 8

Correct

Mark 1.00 out of 1.00

What type of data binding is used in this statement?

```
<input type="text" class="form-control" id="actorName" [(ngModel)]="fullName">
```

Select one:

- ☐ a. There is no data binding
- ☒ b. two-way binding ✓
- ☐ c. one-way binding
- ☐ d. property binding
- ☐ e. event binding

Your answer is correct.

The correct answer is: two-way binding

Question 9

Correct

Mark 1.00 out of 1.00

Assume you have this statement:

```
<a class="btn btn-primary" (click)="changeSection(4)">Delete Actor</a>
```

What sort of data binding is implemented (if available)?

Select one:

- ☐ a. no data binding
- ☐ b. property binding
- ☒ c. event binding ✓
- ☐ d. two-way binding

Your answer is correct.

The correct answer is: event binding

Question 10

Correct

Mark 1.00 out of 1.00

Assume your server-side (Node.js) and client-side (Angular) codes are at the same root folder and you have made changes to both sides.

Which combination of commands should be used to run the app?

Select one:

- ☐ a. node serve.js
- ☐ b. ng serve
- ☒ c. ng build && node server.js ✓
- ☐ d. npm start
- ☐ e. ng serve && node serve.js

Your answer is correct.

The correct answer is: ng build && node server.js

