

FIT2095 e-Business software technologies - S2 2021

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Question 1

Complete

Mark 1.00 out of 1.00

Assume you have this statement:

```
<aclass="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. two-way binding
- ☒ d. event binding

Question 2

Complete

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

Question **3**

Complete

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.http.put("/api", data, httpOptions);`
- ☒ b. `this.http.post("/api", data, httpOptions);`
- ☐ c. `this.http.post(httpOptions, data, "/api");`
- ☐ d. `this.post("/api", data, httpOptions);`
- ☐ e. `this.http.post("/api", httpOptions, data);`

Question **4**

Complete

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

Question **5**

Complete

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:

Select one:

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

Question **6**

Complete

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

Question **7**

Complete

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

Question **8**

Complete

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

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

Question **9**

Complete

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

Question **10**

Complete

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. It is a built-in class that injects services to components
- ☐ c. DI has an injector that is responsible for creating components, resolving their dependencies, and providing them to other components as requested.
- ☐ d. Dependency Injection (DI) is a software design pattern

◀ Week 8 Pre-Reading Quiz

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