



## FIT2095 e-Business software technologies - S2 2021

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## Question 1

Correct

Mark 1.00 out of 1.00

Which of the following is false regarding Angular CLI?

Select one:

- ☒ a. we have to install all the required packages using 'npm install' command
- ☐ b. ng new creates and builds new Angular application that follows the good practices.
- ☐ c. the CLI has a built-in HTTP server
- ☐ d. ng generate 'component-name' adds a component to the current project



Your answer is correct.

The correct answer is: we have to install all the required packages using 'npm install' command

## Question 2

Correct

Mark 1.00 out of 1.00

Which of the following is the correct implementation for the below requirement?

Display 'Done' if the length of the array 'list' becomes 10.

Select one:

- ☐ a. `<div *ngif="list.length==10">Done</div>`
- ☐ b. `<div *ngFor="list.length==10">Done</div>`
- ☐ c. `<div *ngIf="list.length=10">Done</div>`
- ☐ d. `<div ngIf="list.length==10">Done</div>`
- ☒ e. `<div *ngIf="list.length==10">Done</div>`



Your answer is correct.

The correct answer is: `<div *ngIf="list.length==10">Done</div>`

**Question 3**

Correct

Mark 1.00 out of 1.00

Assume you have the following Angular app:

app.component.ts

```
1 import { Component } from '@angular/core';
2 @Component({
3   selector: 'app-root',
4   templateUrl: './app.component.html',
5   styleUrls: ['./app.component.css']
6 })
7 export class AppComponent {
8   age=25;
9 }
```

and app.component.html

```
1 <p>
2   <input />
3 </p>
```

What should you do link the input element in app.component.html @line2 with the property age in app.component.ts @line8 using two-way binding?

Select one or more:

- ☐ a. change the input element to `<input value={{age}}>`
- ☐ b. import the FormsModule and add it to the app.component.ts
- ☒ c. import the FormsModule package and add it to the NgModule ✓
- ☒ d. change the input element to `<input [(ngModel)]="age">` ✓
- ☐ e. change the input element to `<input value="age">`
- ☐ f. install bootstrap using npm CLI

Your answer is correct.

The correct answers are: change the input element to `<input [(ngModel)]="age">`, import the FormsModule package and add it to the NgModule

**Question 4**

Partially correct

Mark 0.50 out of 1.00

Which of the following is false about Angular?

Select one or more:

- ☒ a. Angular is written in TypeScript. ✗
- ☐ b. Angular cannot be used for backend development
- ☒ c. Angular is a backend and frontend framework ✓
- ☐ d. Angular is a JavaScript library

- ☐ e. I can use JavaScript code inside Angular
- ☐ f. Angular has its own Command Line Interface (CLI)

Your answer is partially correct.

You have correctly selected 1.

The correct answers are: Angular is a JavaScript library, Angular is a backend and frontend framework

**Question 5**

Correct

Mark 1.00 out of 1.00

Every Angular app has at least one ----?

Select one:

- ☒ a. NgModule class
- ☐ b. Service
- ☐ c. HTML template
- ☐ d. Dependency Injection
- ☐ e. Pipe



Your answer is correct.

The correct answer is: NgModule class

**Question 6**

Correct

Mark 1.00 out of 1.00

You have a button that should invoke a function named 'callMe' in the component if a click event occurs. Which of the following is the correct implementation?

Select one:

- ☐ a. `<button name="incBtn" (click)="callMe">Click Me</button>`
- ☐ b. `<button name="Click" (dblclick)="callMe()">Click Me</button>`
- ☐ c. `<button name="incBtn" click="callMe()">Click Me</button>`
- ☒ d. `<button name="incBtn" (click)="callMe()">Click Me</button>`



Your answer is correct.

The correct answer is:

```
<button name="incBtn" (click)="callMe()">Click Me</button>
```

**Question 7**

Correct

Mark 1.00 out of 1.00

Which of the following is not controlled by Angular Modules?

Select one:

- ☐ a. pipes
- ☐ b. Services
- ☐ c. directives
- ☒ d. HTML
- ☐ e. Components



Your answer is correct.

The correct answer is: HTML

Question 8

Correct

Mark 1.00 out of 1.00

Assume you have declared an array called 'names' in app.component.ts and your intension is to list its values in app.components.html. You have implemented the following:

```
1 <table>
2   <tr>
3     <th> Item </th>
4   </tr>
5   <tr for "let item : names">
6     <td>{{item}}</td>
7   </tr>
8 </table>
```

But, the code throws an exception at line 5. Which of the following is the right implementation for line 5?

Select one:

- ☐ a. <tr [ngSwitch]="names">
- ☒ b. <tr \*ngFor="let item of names">
- ☐ c. <tr \*ngFor="let items of names">
- ☐ d. <tr \*ngIf="names.length>0">
- ☐ e. <tr for(let i=0;i<names.length;i++)>



Your answer is correct.

The correct answer is: <tr \*ngFor="let item of names">

Question 9

Correct

Mark 1.00 out of 1.00

Assume you have the following Angular app:

app.component.ts

```
1 import { Component } from '@angular/core';
2 @Component({
3   selector: 'app-root',
4   templateUrl: './app.component.html'.
```

```
5 styleUrls: ['./app.component.css']  
6 })  
7 export class AppComponent {  
8   age=25;  
9 }
```

and app.component.html

```
1 <p>  
2  
3 </p>
```

What statement should you implement in app.component.html @line2 to display the value of age (app.component.ts @line8)?

Select one:

- ☐ a. {age}
- ☐ b. [[age]]
- ☒ c. {{age}}
- ☐ d. age
- ☐ e. ((age))



Your answer is correct.

The correct answer is: {{age}}

#### Question 10

Correct

Mark 1.00 out of 1.00

Which of the following is false regarding TypeScript?

Select one:

- ☐ a. TypeScript is a cross-platform language
- ☐ b. TypeScript code should transpiled to JavaScript before publishing the code
- ☒ c. TypeScript does not support OOP
- ☐ d. TypeScript is strong typed language
- ☐ e. Internet browsers do not understand TypeScript



Your answer is correct.

The correct answer is: TypeScript does not support OOP

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