



FIT2095 e-Business software technologies - S2 2021

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Question 1

Complete

Mark 8.38 out of 10.00

Question 1

Q1)

Herf attribute is a basic attribute provided by HTML for navigation between pages and reloading the page on click.

routerLink is provided by angular to navigate between different components without reloading.

- herf ends the state of the original page
- routerLink keeps the state of the original page

Comment:

Q1=100% Q2=100% Q3=67% Q4=80% Q5=83%

Question 2

Complete

Not graded

Question 2

Q2)

- one difference: Angular pipes are functions that are used to transform data in **Angular templates** and an angular service is an object that organize and share methods,models or data **between different components**.

- one similarity: pipe and service are both required a one-time declaration/instantiation and they are both useable throughout the application

Question 3

Complete

Not graded

Question 3

Q3)

You should enable angular routing to navigate from component A to component B

1. import the RouterModule and provide the appRoutes array as input
2. import the Routes and RouterModule from "@angular/router":

```
import{ ComponentA} from "./A.component";
```

```
import{ ComponentB } from "./B.component";
```

```
const appRoutes: Routes =[
```

```
{ path:"componenta", component: ComponentA },
```

```
{ path:"", redirectTo:"/componentb", pathMatch:"full"},
```

```
];
```

Question 4

Complete

Not graded

Question 4

Q4)

```
import{ AppComponent } from "./app.component";
```

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

```
import{ HttpClientModule } from "@angular/common/http";
```

```
import{ FormsModule } from "@angular/forms";
```

```
import{ SignupComponent } from "./signup/signup.component";
```

```
import{ DashboardComponent } from "./dashboard/dashboard.component";
```

```
import{ InvalidComponent } from "./invalid/invalid.component";
```

```
import{ RouterModule, Routes } from "@angular/router";
```

```
const appRoutes: Routes =[
```

```
{ path:"signup", component: SignupComponent },
```

```
{ path:"", redirectTo:"/dashboard", pathMatch:"full"} //redirect to dashboard page
```

```
{ path: , redirectTo: /dashboard , pathMatch: 'full' }, // redirect to dashboard page
```

```
{ path:"**", component: InvalidComponent}, //wildcard route for a invalid page
```

```
];
```

Question 5

Complete

Not graded

Question 5

Q5)

- PWAAplications are faster than non-PWA applications, it also reduces data needs with fewer API requests, and it leads to better user experience and better engagement.
- PWA allows users to interact with the app independent of the connection. To make it work offline, you need to store the static files necessary to run the app. PWA catches the data ahead of time and it is done by the use of what is known as a service worker. The service worker offers a programmatic method of cache resources.

Question 6

Not answered

Not graded

Question 6

Question 7

Not answered

Not graded

Question 7

Question 8

Not answered

Not graded

Question 8

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