

Bitu/5/21/056/tz

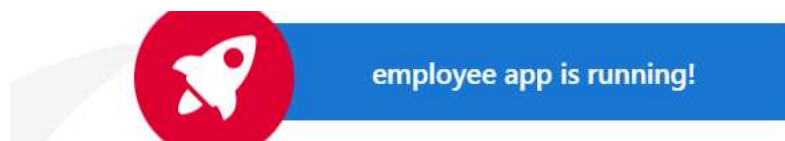
Question no

a.

```
Microsoft Windows [Version 10.0.22621.1992]
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C:\Users\Lenovo>ng new angularcli
? Would you like to add Angular routing? (y/N) |
```

b.



```
import { Component } from '@angular/core';

5+ usages  👤 Shakilu
@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title :string = 'employee';
}
```

c.

```

it( expectation: 'should create the app', assertion: () :void => {
    const fixture :ComponentFixture<AppComponent> = TestBed.createComponent(AppComponent)
    const app :AppComponent = fixture.componentInstance;
    expect(app).toBeTruthy();
});

it( expectation: 'should have as title 'employee'', assertion: () :void => {
    const fixture :ComponentFixture<AppComponent> = TestBed.createComponent(AppComponent)
    const app :AppComponent = fixture.componentInstance;
    expect(app.title).toEqual( expected: 'employee');
});

it( expectation: 'should render title', assertion: () :void => {
    const fixture :ComponentFixture<AppComponent> = TestBed.createComponent(AppComponent)
    fixture.detectChanges();
    const compiled :HTMLElement = fixture.nativeElement as HTMLElement;
    expect(compiled.querySelector( selectors: '.content span')?.textContent).toContain( expected: 'employee' );
});
});

```

```

import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { EmployeeComponent } from './employee/employee.component';

2 usages  Shakilu
@NgModule({
  declarations: [
    AppComponent,
    EmployeeComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }

```



```

<tbody>
<tr *ngFor="let employee of Employee">
  <td>{{ employee.id }}</td>
  <td>{{ employee.name }}</td>
  <td>{{ employee.email }}</td>
  <td>{{ employee.phone }}</td>
  <td>
    <span
      class="edit btn btn-sm btn-outline-primary me-2"
      routerLink="/employee-edit/{{ employee.id }}"
    >Edit</span>
    >
    <span
      class="delete edit btn btn-sm btn-outline-danger"
      (click)="deleteEmployee(employee.id)"
    >Delete</span>
    >
  </td>
</tr>
</tbody>

```

```

<div class="container custom-container-2 mt-5">
  <!-- Show it when there is no employee -->
  <div class="no-data text-center" *ngIf="Employee.length == 0">
    <p>There is no employee added yet!</p>
    <button class="btn btn-outline-primary" routerLink="/create-employee">
      Add Employee
    </button>
  </div>
  <!-- Employees list table, it hides when there is no employee -->
  <div *ngIf="Employee.length !== 0">
    <h3 class="mb-3 text-center">Employees List</h3>
    <div class="col-md-12">
      <table class="table table-bordered">
        <thead>
          <tr>
            <th scope="col">User Id</th>
            <th scope="col">Name</th>
            <th scope="col">Email</th>
            <th scope="col">Phone</th>
            <th scope="col">Action</th>
          </tr>
        </thead>

```