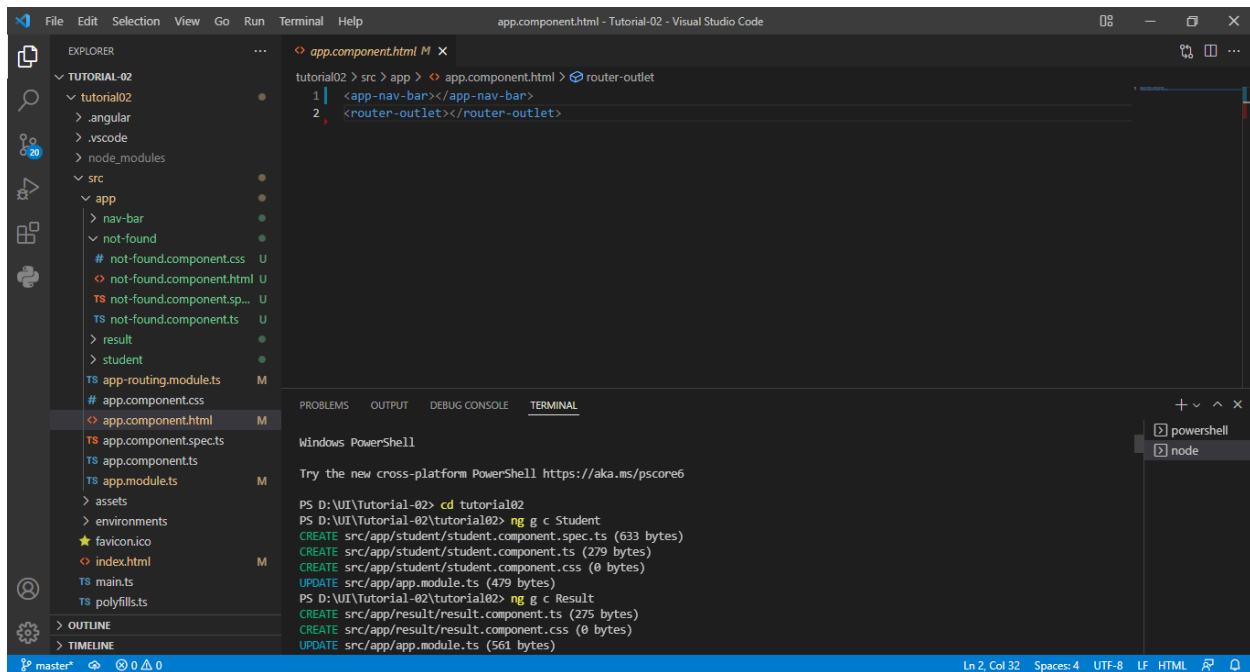


Practice with NavBar and Components(UI)

1. app.component.html

```
<app-nav-bar></app-nav-bar>  
<router-outlet></router-outlet>
```



2. app-routing.module.ts

```
import { NgModule } from '@angular/core';  
import { RouterModule, Routes } from '@angular/router';  
import { NotFoundComponent } from './not-found/not-found.component';  
import { ResultComponent } from './result/result.component';  
import { StudentComponent } from './student/student.component';
```

```
const routes: Routes = [  
  {path:'student',component:StudentComponent},  
  {path:'result',component:ResultComponent},  
  {path:'',redirectTo:'student',pathMatch:'full'},  
  {path:'**',component:NotFoundComponent}  
];
```

```
@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModuleModule { }
```

```
TS app-routing.module.ts M X
tutorial02 > src > app > TS app-routing.module.ts > ...
1  import { NgModule } from '@angular/core';
2  import { RouterModule, Routes } from '@angular/router';
3  import { NotFoundComponent } from './not-found/not-found.component';
4  import { ResultComponent } from './result/result.component';
5  import { StudentComponent } from './student/student.component';
6
7  const routes: Routes = [
8    {path: 'student', component: StudentComponent},
9    {path: 'result', component: ResultComponent},
10   {path: '', redirectTo: 'student', pathMatch: 'full'},
11   {path: '**', component: NotFoundComponent}
12 ];
13
14 @NgModule({
15   imports: [RouterModule.forRoot(routes)],
16   exports: [RouterModule]
17 })
18 export class AppRoutingModuleModule { }
19 |
```

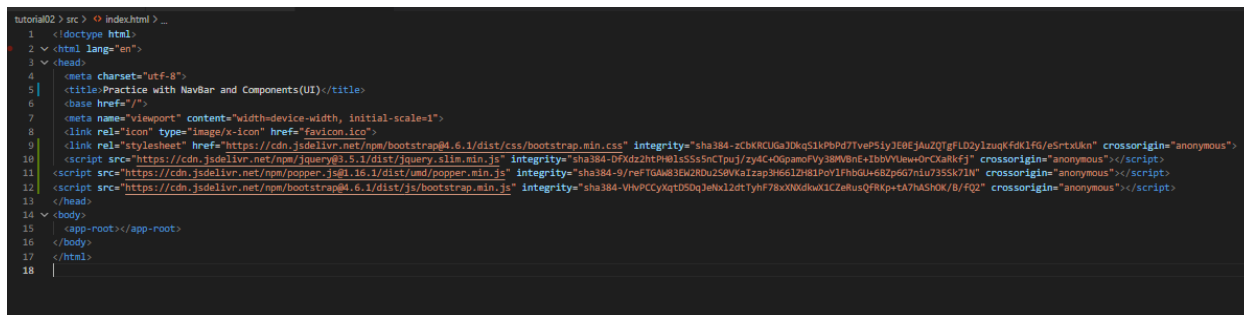
3. index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Practice with NavBar and Components(UI)</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"
integrity="sha384-
zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-
```

```

DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
integrity="sha384-
9/reFTGAW83EW2RDu2S0VVKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.min.js"
integrity="sha384-
VHvPCCyXqtD5DqJeNxl2dtTyhF78xXNXdKwX1CZeRusQfRkP+ta7hAShOK/B/fQ2"
crossorigin="anonymous"></script>
</head>
<body>
  <app-root></app-root>
</body>
</html>

```



```

tutorial02 > src > index.html > _
1  <doctype html>
2  <html lang="en">
3  <head>
4    <meta charset="utf-8">
5    <title>Practice with NavBar and Components(UI)</title>
6    <base href="/">
7    <meta name="viewport" content="width=device-width, initial-scale=1">
8    <link rel="icon" type="image/x-icon" href="favicon.ico">
9    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css" integrity="sha384-zcbKJGa3DkqS1KpbPdtVieP5ly3jE0EjAuZQTfID1yIUZUkfKfDk1fg/eSrtxL&n" crossorigin="anonymous">
10   <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
11   <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTGAW83EW2RDu2S0VVKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigin="anonymous"></script>
12   <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.min.js" integrity="sha384-VHvPCCyXqtD5DqJeNxl2dtTyhF78xXNXdKwX1CZeRusQfRkP+ta7hAShOK/B/fQ2" crossorigin="anonymous"></script>
13 </head>
14 <body>
15   <app-root></app-root>
16 </body>
17 </html>
18

```

4. student.component.html

```

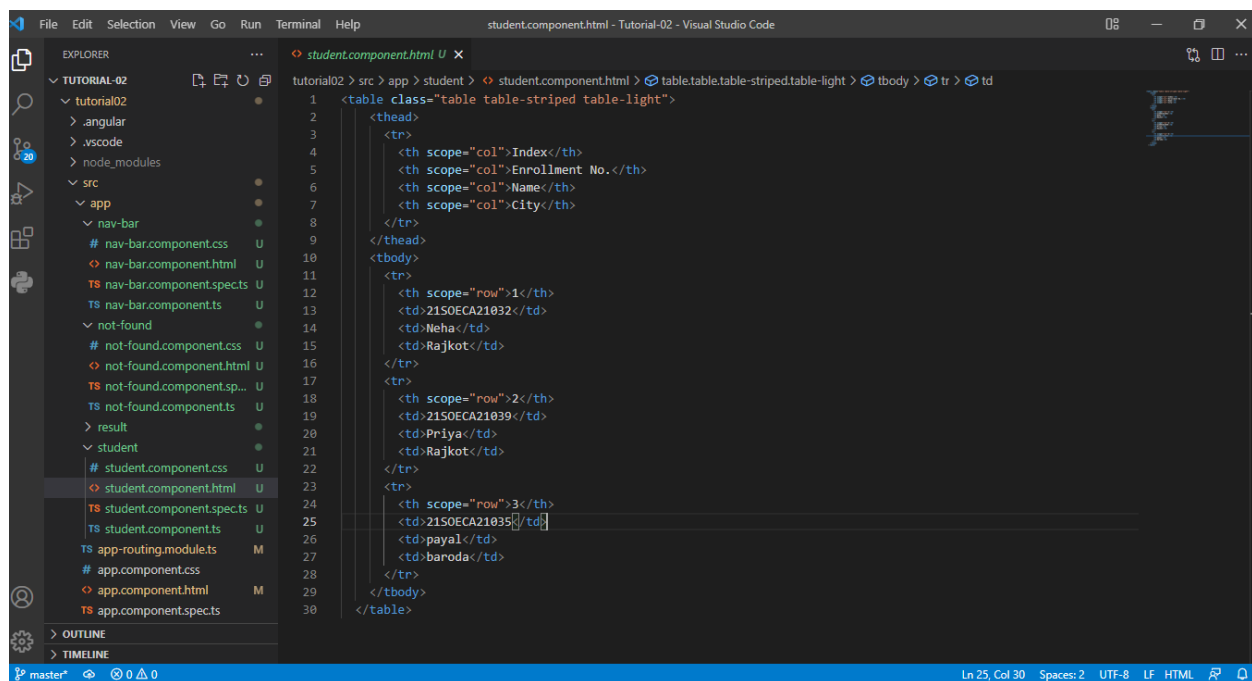
<table class="table table-striped table-light">
  <thead>
    <tr>
      <th scope="col">Index</th>
      <th scope="col">Enrollment No.</th>
      <th scope="col">Name</th>
      <th scope="col">City</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th scope="row">1</th>
      <td>21SOECA21032</td>
      <td>Neha</td>
      <td>Rajkot</td>
    </tr>

```

```

<tr>
  <th scope="row">2</th>
  <td>21SOECA21039</td>
  <td>Priya</td>
  <td>Rajkot</td>
</tr>
<tr>
  <th scope="row">3</th>
  <td>21SOECA21035</td>
  <td>payal</td>
  <td>baroda</td>
</tr>
</tbody>
</table>

```



4.. student.component.ts

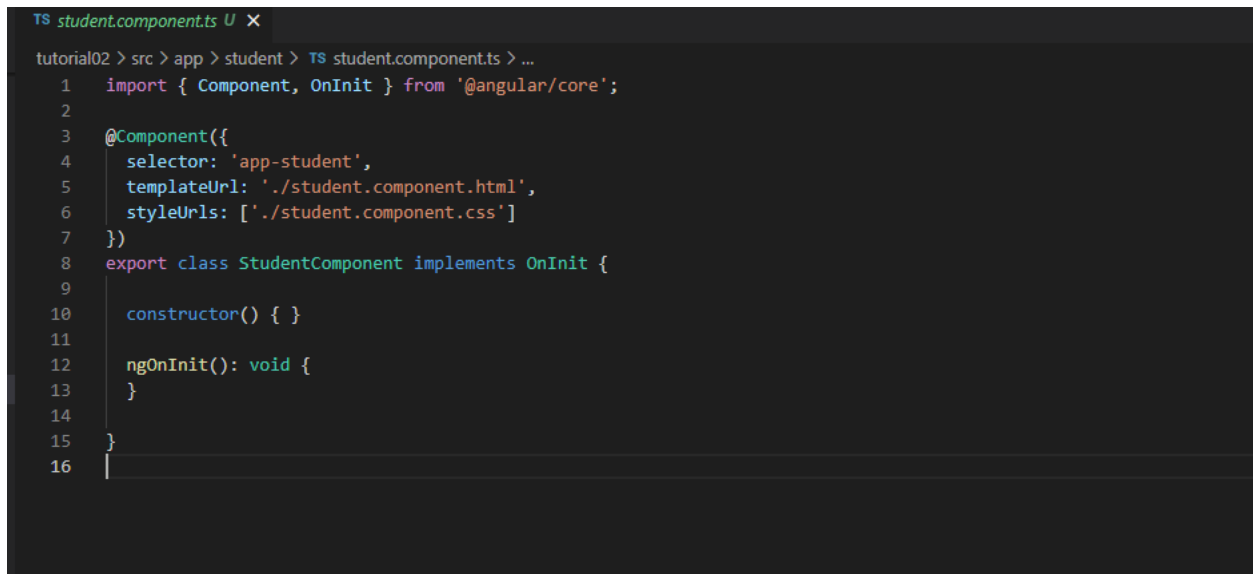
```
import { Component, OnInit } from '@angular/core';
```

```

@Component({
  selector: 'app-student',
  templateUrl: './student.component.html',
  styleUrls: ['./student.component.css']
})
export class StudentComponent implements OnInit {

```

```
constructor() { }  
  
ngOnInit(): void {  
}  
  
}
```



```
TS student.component.ts U x  
tutorial02 > src > app > student > TS student.component.ts > ...  
1  import { Component, OnInit } from '@angular/core';  
2  
3  @Component({  
4      selector: 'app-student',  
5      templateUrl: './student.component.html',  
6      styleUrls: ['./student.component.css']  
7  })  
8  export class StudentComponent implements OnInit {  
9  
10     constructor() { }  
11  
12     ngOnInit(): void {  
13     }  
14  
15 }  
16 |
```

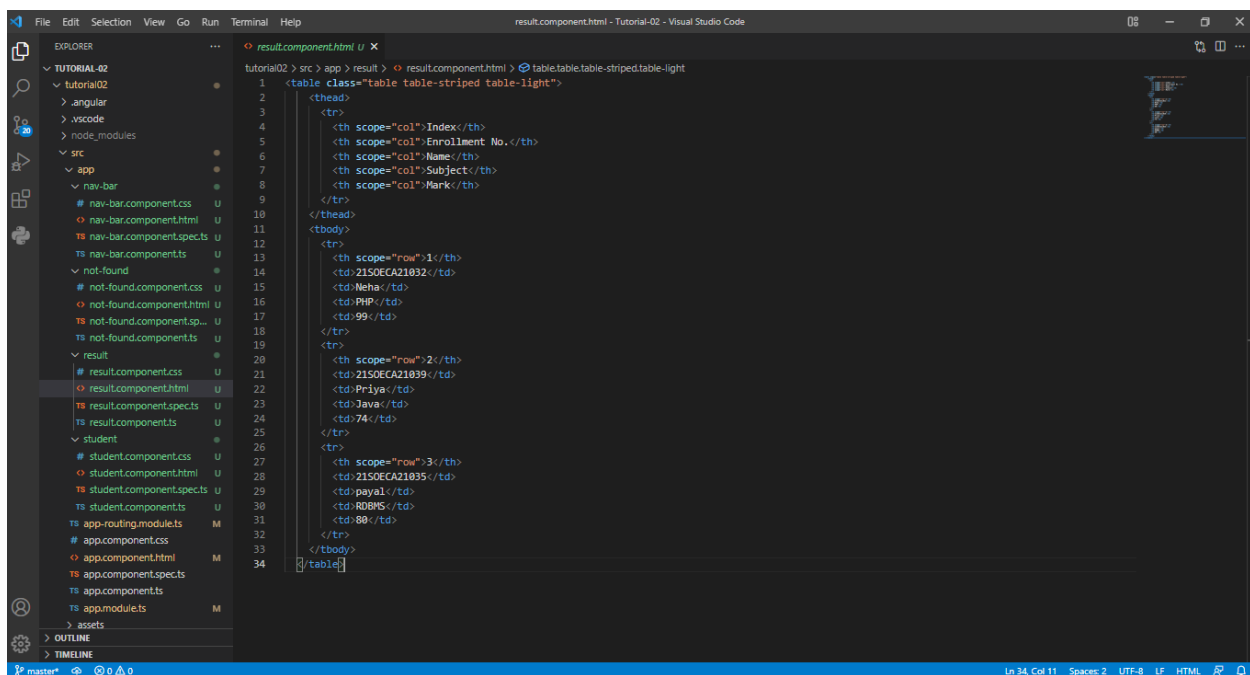
5. result.component.html

```
<table class="table table-striped table-light">  
  <thead>  
    <tr>  
      <th scope="col">Index</th>  
      <th scope="col">Enrollment No.</th>  
      <th scope="col">Name</th>  
      <th scope="col">Subject</th>  
      <th scope="col">Mark</th>  
    </tr>  
  </thead>  
  <tbody>  
    <tr>  
      <th scope="row">1</th>  
      <td>21SOECA21032</td>  
      <td>Neha</td>  
      <td>PHP</td>  
      <td>99</td>  
    </tr>
```

```

<tr>
  <th scope="row">2</th>
  <td>21SOECA21039</td>
  <td>Priya</td>
  <td>Java</td>
  <td>74</td>
</tr>
<tr>
  <th scope="row">3</th>
  <td>21SOECA21035</td>
  <td>payal</td>
  <td>RDBMS</td>
  <td>80</td>
</tr>
</tbody>
</table>

```



5.. result.component.ts

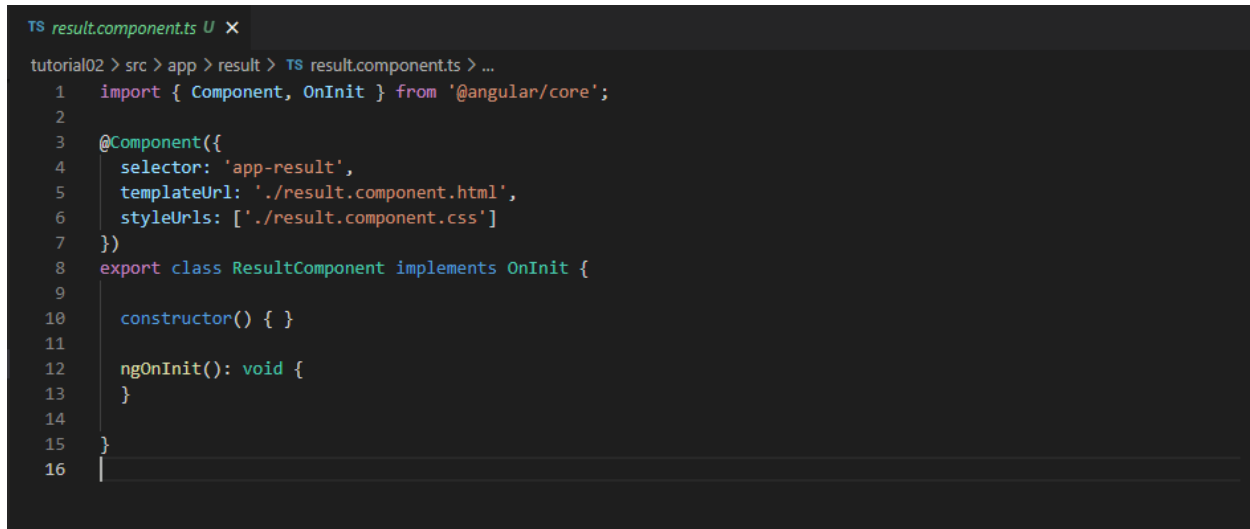
```
import { Component, OnInit } from '@angular/core';
```

```

@Component({
  selector: 'app-result',
  templateUrl: './result.component.html',
  styleUrls: ['./result.component.css']
})

```

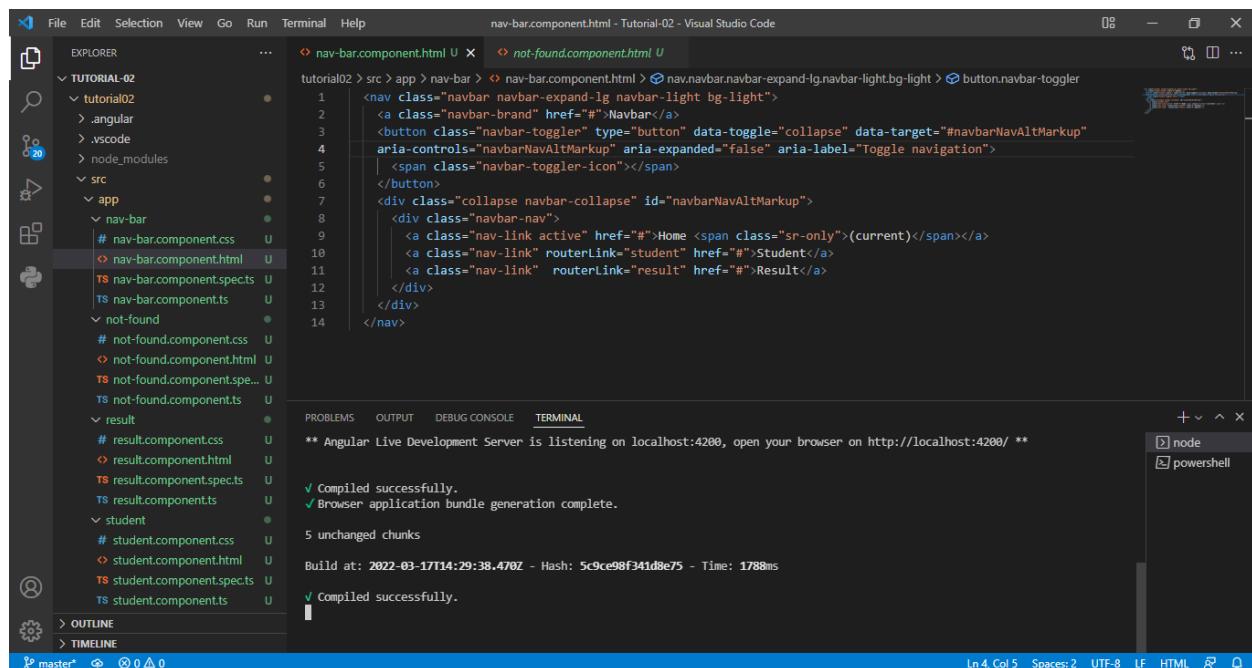
```
export class ResultComponent implements OnInit {  
  
  constructor() { }  
  
  ngOnInit(): void {  
  }  
  
}
```



```
TS result.component.ts U X  
tutorial02 > src > app > result > TS result.component.ts > ...  
1  import { Component, OnInit } from '@angular/core';  
2  
3  @Component({  
4    selector: 'app-result',  
5    templateUrl: './result.component.html',  
6    styleUrls: ['./result.component.css']  
7  })  
8  export class ResultComponent implements OnInit {  
9  
10   constructor() { }  
11  
12   ngOnInit(): void {  
13   }  
14  
15  }  
16
```

6. nav-bar.component.html

```
<nav class="navbar navbar-expand-lg navbar-light bg-light">  
  <a class="navbar-brand" href="#">Navbar</a>  
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-  
target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-  
label="Toggle navigation">  
    <span class="navbar-toggler-icon"></span>  
  </button>  
  <div class="collapse navbar-collapse" id="navbarNavAltMarkup">  
    <div class="navbar-nav">  
      <a class="nav-link active" href="#">Home <span class="sr-only">(current)</span></a>  
      <a class="nav-link" routerLink="student" href="#">Student</a>  
      <a class="nav-link" routerLink="result" href="#">Result</a>  
    </div>  
  </div>  
</nav>
```



6.. nav-bar.component.ts

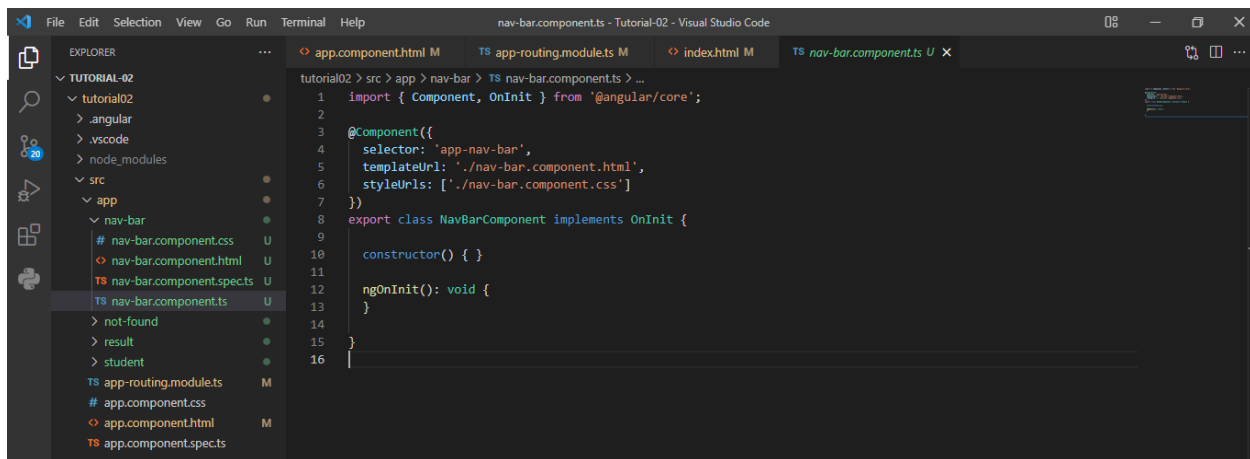
```
import { Component, OnInit } from '@angular/core';
```

```
@Component({
  selector: 'app-nav-bar',
  templateUrl: './nav-bar.component.html',
  styleUrls: ['./nav-bar.component.css']
})
export class NavBarComponent implements OnInit {

  constructor() { }

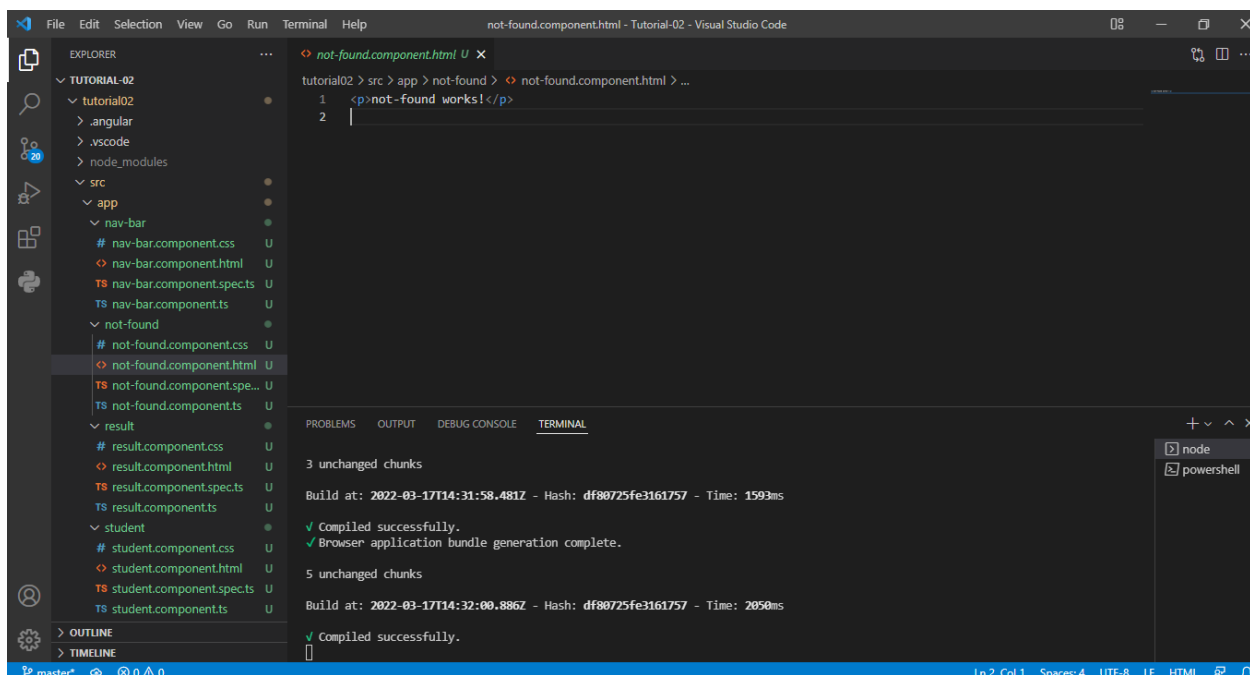
  ngOnInit(): void {
  }

}
```

7. not-found.component.html

<p>not-found works!</p>

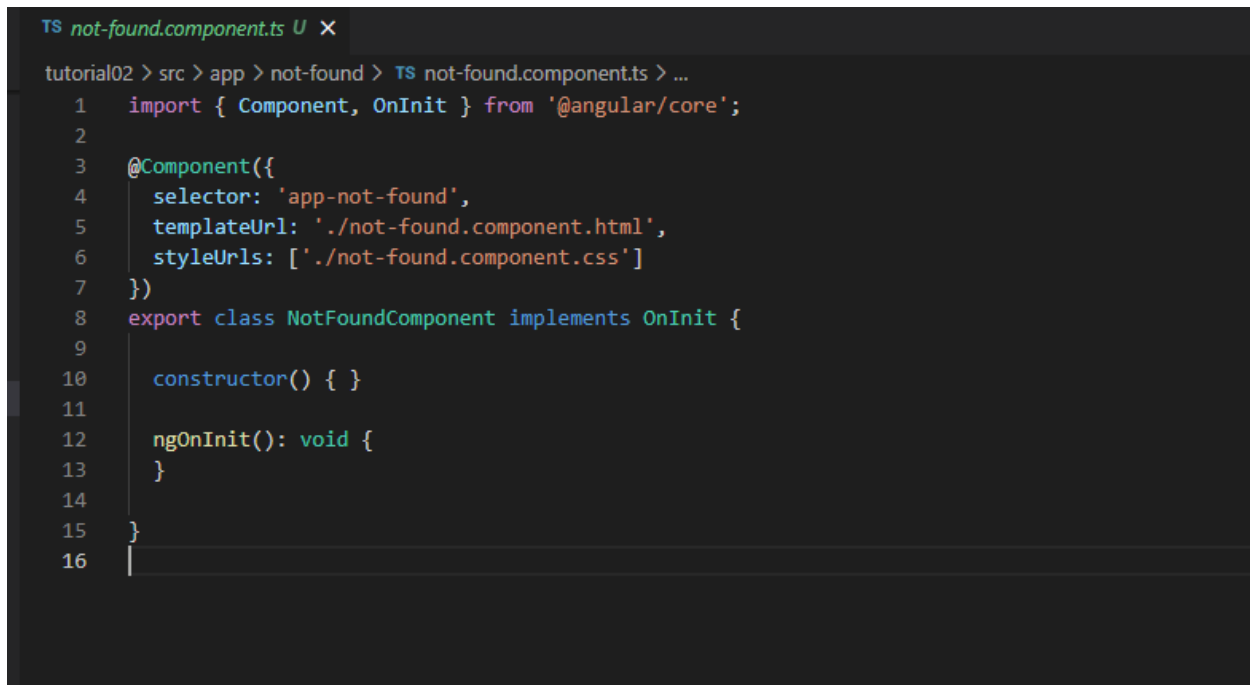


7.. not-found.component.ts

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

```
@Component({
  selector: 'app-not-found',
  templateUrl: './not-found.component.html',
  styleUrls: ['./not-found.component.css']
})
```

```
  })  
  export class NotFoundComponent implements OnInit {  
  
    constructor() { }  
  
    ngOnInit(): void {  
    }  
  
  }
```



The screenshot shows a code editor with a dark theme. The file name in the tab is 'TS not-found.component.ts'. The breadcrumb navigation shows the path: 'tutorial02 > src > app > not-found > TS not-found.component.ts > ...'. The code is as follows:

```
1  import { Component, OnInit } from '@angular/core';  
2  
3  @Component({  
4    selector: 'app-not-found',  
5    templateUrl: './not-found.component.html',  
6    styleUrls: ['./not-found.component.css']  
7  })  
8  export class NotFoundComponent implements OnInit {  
9  
10   constructor() { }  
11  
12   ngOnInit(): void {  
13   }  
14  
15 }  
16 |
```