

Ex3: -

-----main.ts

```
import { platformBrowserDynamic } from "@angular/platform-browser-dynamic";
```

```
import { AppModule } from "./app.module";
```

```
platformBrowserDynamic().bootstrapModule(AppModule);
```

-----app.module.ts

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

```
import { BrowserModule } from "@angular/platform-browser";
```

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

```
@NgModule({  
  imports: [BrowserModule],  
  declarations: [AppComponent],  
  bootstrap: [AppComponent]  
})  
export class AppModule { }
```

-----app.component.ts

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

```
@Component({  
  moduleId: module.id,
```

```
    selector: 'project-app',  
    template: '<ul><li *ngFor="let user of users">{{user}}</li></ul>'  
  })
```

```
export class AppComponent implements OnInit {
```

```
  users;
```

```
  user;
```

```
  constructor() {
```

```
    this.users = ["s1", "s2", "s3"];
```

```
  }
```

```
  ngOnInit() { }
```

```
}
```

-----

Ex-4: -

-----

main.ts

-----

```
import { platformBrowserDynamic } from "@angular/platform-browser-dynamic";
```

```
import { AppModule } from "./app.module";
```

```
platformBrowserDynamic().bootstrapModule(AppModule);
```

-----

app.module.ts

-----

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

```
import { BrowserModule } from "@angular/platform-browser";
```

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

```
import { StudentListComponent } from "./student-list.component";
```

```
@NgModule({
```

```
imports: [BrowserModule],
declarations: [AppComponent,StudentListComponent],
bootstrap: [AppComponent]
})
export class AppModule { }
```

-----  
app.component.ts

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

```
@Component({
  moduleId: module.id,
  selector: 'project-app',
  template: `<div class="container-fluid">
    <h1>Student Manager</h1>
    <student-list-view></student-list-view>
  </div>`
})
```

```
export class AppComponent{
```

-----  
student-list.component.ts

-----  
import {Component} from '@angular/core';  
import {Student} from './student';

```
@Component({
  selector: 'student-list-view',
  templateUrl: 'app/student-list.template.html'
})
export class StudentListComponent {
  students = Student.students;
}
```

-----  
student-list.template.html  
-----

```
<div class="row">
  <div class="col-sm-12">
    <button class="btn btn-primary btn-lg">
      Add new student
    </button>
  </div>
</div>
<h2>List of Students</h2>
<div class="row" *ngFor="let student of students">
  <div class="col-sm-8">
    <h4>{{student.id}}: {{student.name}}</h4>
  </div>
  <div class="col-sm-4" style="margin-top: 5px;">
    <div class="pull-right">
      <button class="btn btn-warning btn-sm">
        Edit
      </button>
    </div>
  </div>
</div>
```

```
<button class="btn btn-danger btn-sm">
  Delete
</button>
</div>
</div>
</div>
```

```
-----
student.ts
-----
```

```
export class Student {
  id: number;
  name: string;

  static students: Student[] = [
    { id: 1, name: 'student1'},
    { id: 2, name: 'student2'},
    { id: 3, name: 'student3'},
    { id: 4, name: 'student4'}
  ];
}
```

-----  
Ex-5

-----  
main.ts

-----  
import { platformBrowserDynamic } from "@angular/platform-browser-dynamic";

import { AppModule } from "./app.module";

platformBrowserDynamic().bootstrapModule(AppModule);

-----  
app.module.ts

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

import { BrowserModule } from "@angular/platform-browser";

import { AppComponent } from './app.component';

import { StudentListComponent } from "./student-list.component";

import { AddStudentComponent } from "./add-student.component";

@NgModule({  
 imports: [BrowserModule],  
 declarations: [AppComponent,StudentListComponent,AddStudentComponent],  
 bootstrap: [AppComponent]

```
}}
```

```
export class AppModule { }
```

```
-----
```

```
app.component.ts
```

```
-----
```

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

```
@Component({
```

```
  moduleId: module.id,
```

```
  selector: 'project-app',
```

```
  template: `<div class="container-fluid">
```

```
    <h1>Student Manager</h1>
```

```
    <student-list-view></student-list-view>
```

```
    <add-student-view></add-student-view>
```

```
  </div>`
```

```
})
```

```
export class AppComponent{}
```

```
-----
```

```
student-list.component
```

```
-----
```

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

```
import {Student} from './student';
```



```
@Component({
  selector: 'student-list-view',
  templateUrl: 'app/student-list.template.html'
})
export class StudentListComponent {
  students = Student.students;
}
```

-----  
student-list.template.html  
-----

```
<div class="row">
  <div class="col-sm-12">
    <button class="btn btn-primary btn-lg">
      Add new student
    </button>
  </div>
</div>

<h2>List of Students</h2>
<div class="row" *ngFor="let student of students">
  <div class="col-sm-8">
    <h4>{{student.id}}: {{student.name}}</h4>
  </div>
  <div class="col-sm-4" style="margin-top: 5px;">
    <div class="pull-right">
      <button class="btn btn-warning btn-sm">
        Edit
      </button>
      <button class="btn btn-danger btn-sm">
```

```
        Delete
      </button>
    </div>
  </div>
</div>
```

```
-----
student.ts
-----
```

```
export class Student {
  id: number;
  name: string;

  static students: Student[] = [
    { id: 1, name: 'student1'},
    { id: 2, name: 'student2'},
    { id: 3, name: 'student3'},
    { id: 4, name: 'student4'}
  ];
}
```

```
-----
add-student.component
-----
```

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

@Component({
```

```
    selector: 'add-student-view',  
    templateUrl: 'app/add-student.template.html'  
  })  
  export class AddStudentComponent {  
  }
```

-----  
add-student.template.html  
-----

```
<h3>Specify the name of the Student:</h3>  
<div class="row">  
  <div class="col-sm-6">  
    <input class="form-control input-lg" type="text"  
      placeholder="student name" />  
  </div>  
</div>  
<div class="row" style="margin-top: 12px;">  
  <div class="col-sm-6">  
    <button class="btn btn-success btn">  
      Add  
    </button>  
    <button class="btn btn-warning btn">  
      Cancel  
    </button>  
  </div>  
</div>
```