

Create a Spring Boot application with **DemoController** having three methods

Application Name: **MyFirstApplication**

Method Name	HTML Page	URL Mapping
homePage	home.html	"/"
aboutUs	aboutus.html	"/about"
contactUs	contactus.html	"/contact"

Each Controller in the application must return only the page's name as content to be viewed by the User.

Note: Upload the assignment in PDF format containing screenshots of code and Output screenshots.

To create a Spring Boot application in IntelliJ IDEA named MyFirstApplication with a DemoController returning specific HTML pages for different URLs without using Thymeleaf, follow the steps below:

1. Create the Controller Class (DemoController)

1. Inside the src/main/java/com/example/myfirstapplication directory, create a new Java class named DemoController.

java

```
package com.example.MyFirstApplication;

import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.GetMapping;

@Controller
public class DemoController {

    @GetMapping("/")
    public String homePage() {
        return "home"; // Returns home.html
    }
}
```

```

    }

    @GetMapping("/about")
    public String aboutUs() {
        return "aboutus"; // Returns aboutus.html
    }

    @GetMapping("/contact")
    public String contactUs() {
        return "contactus"; // Returns contactus.html
    }
}

```

2. Create the HTML Pages

1. In the src/main/resources folder, create a new directory called static or templates. However, for this task, you can place the HTML files directly in resources/static.
2. Create the following HTML files inside src/main/resources/static:

- **home.html**

```

• <!DOCTYPE html>
  <html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Home Page</title>
  </head>
  <body>
    <h1>Welcome to the Home Page!</h1>
  </body>
</html>

```

- **aboutus.html**

```

• <!DOCTYPE html>
  <html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>About Us</title>
  </head>
  <body>
    <h1>About Us Page</h1>
    <p>This is the About Us page.</p>
  </body>
</html>

```

- **contactus.html**

```
• <!DOCTYPE html>
  <html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Contact Us</title>
  </head>
  <body>
    <h1>Contact Us Page</h1>
    <p>This is the Contact Us page.</p>
  </body>
</html>
```

3. Application Configuration (MyFirstApplication)

Ensure your main application class is set up to run the Spring Boot application:

java

```
package com.example.MyFirstApplication;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

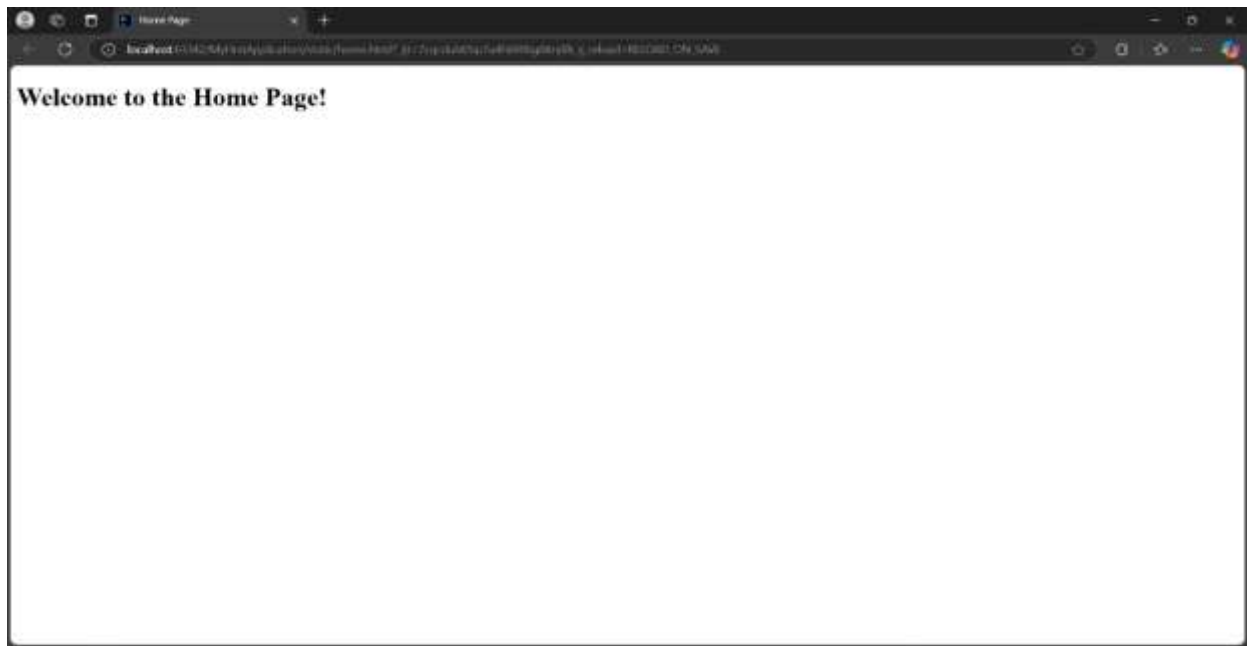
@SpringBootApplication
public class MyFirstApplication {

    public static void main(String[] args) {
        SpringApplication.run(MyFirstApplication.class, args);
    }

}
```

4. Run the Application

1. Right-click on the MyFirstApplication.java file and select **Run 'MyFirstApplication'**.
2. Open a browser and navigate to the following URLs to verify that the pages are being served correctly:
 - **http://localhost:8080/** (Home Page)



- **<http://localhost:8080/about>** (About Us Page)



- **<http://localhost:8080/contact>** (Contact Us Page)

