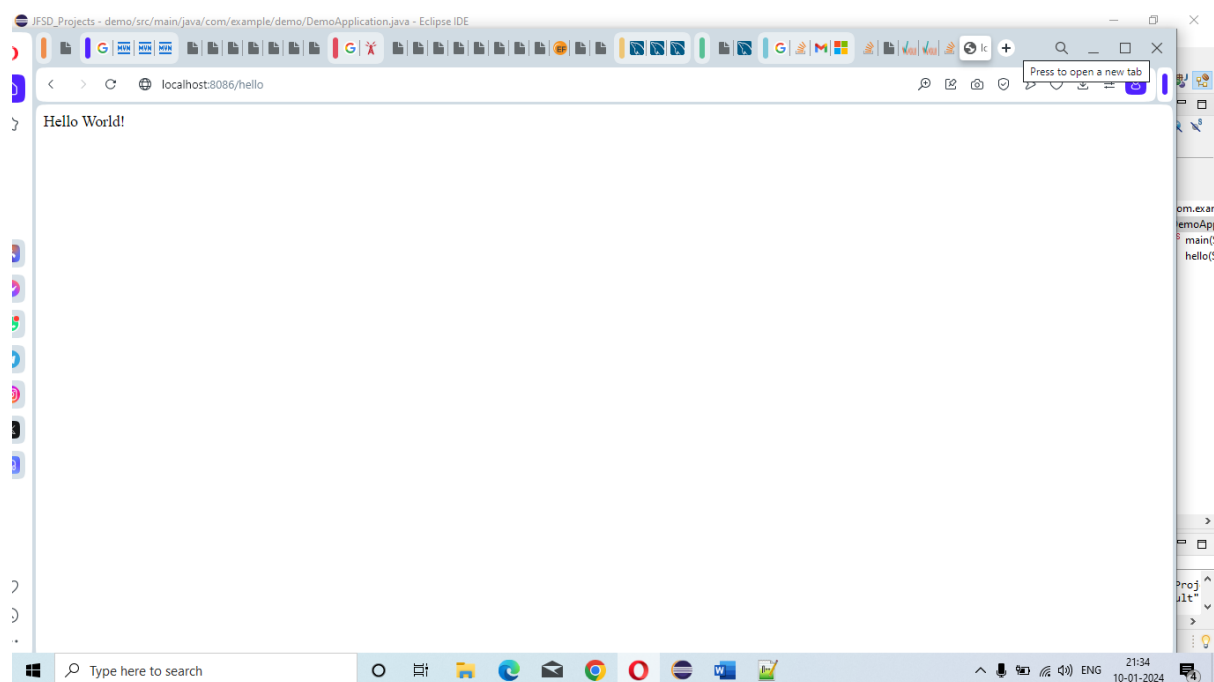


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Demo 2: A simple Spring Boot application using Spring Initializr.

For this example Use the web-based Spring Initializr.

1. Visit the Spring Initializr website:

- Go to [<https://start.spring.io/>](https://start.spring.io/).

2. Configure your project:

- Fill in the project metadata on the Spring Initializr website. For this example, let's set the following:

- Project: `Demo2SpringBootApplication`
- Group: `com.example1`
- Artifact: `demo2`
- Packaging: `JAR`
- Java: Select the version you prefer.
- Dependencies: Add `Spring Web` by typing "web" in the "Search for dependencies" field and selecting the "Spring Web" option.

![Spring Initializr Configuration](https://i.imgur.com/1aQGLcY.png)

3. Generate the project:

- Click on the "Generate" button.

![Generate Project](https://i.imgur.com/GTh1y6s.png)

4. Download the project:

- Once generated, a ZIP file containing your Spring Boot project will be created.

Download the ZIP file to your local machine.

5. Extract the project:

- Extract the contents of the downloaded ZIP file to a location of your choice.

6. Open the project in your IDE:

- Import the project into your preferred Integrated Development Environment (IDE). Most IDEs support importing Maven or Gradle projects.

- For example, in IntelliJ IDEA, you can use "File" -> "Open" and select the `pom.xml` file in the extracted project directory.

7. Explore the project structure:

- Your Spring Boot project structure will include files like `src`, `pom.xml` (if using Maven).
- The main application class is usually located in the `src/main/java/com/example/demo` directory.

8. Run the Spring Boot application:

- Find the main application class (e.g., `Demo2Application.java`) and run it. This class typically contains the `main` method.
 - Once the application is running, you should see output indicating that the application has started.
- ![Run Spring Boot Application](https://i.imgur.com/FxkkV61.png)

9. Access the application:

- Open a web browser and navigate to `http://localhost:8080`. You may see a default Spring Boot welcome page or a message indicating that the application is running.

Congratulations! You have successfully created a simple Spring Boot application using Spring Initializr. You can now start building and expanding your application based on your specific requirements.