

Exercise 1: Configuring a Basic Spring Application

```
package com.example.demo;
```

```
import org.springframework.web.bind.annotation.GetMapping;
```

```
import org.springframework.web.bind.annotation.RestController;
```

```
@RestController
```

```
public class HelloController {
```

```
    @GetMapping("/hello")
```

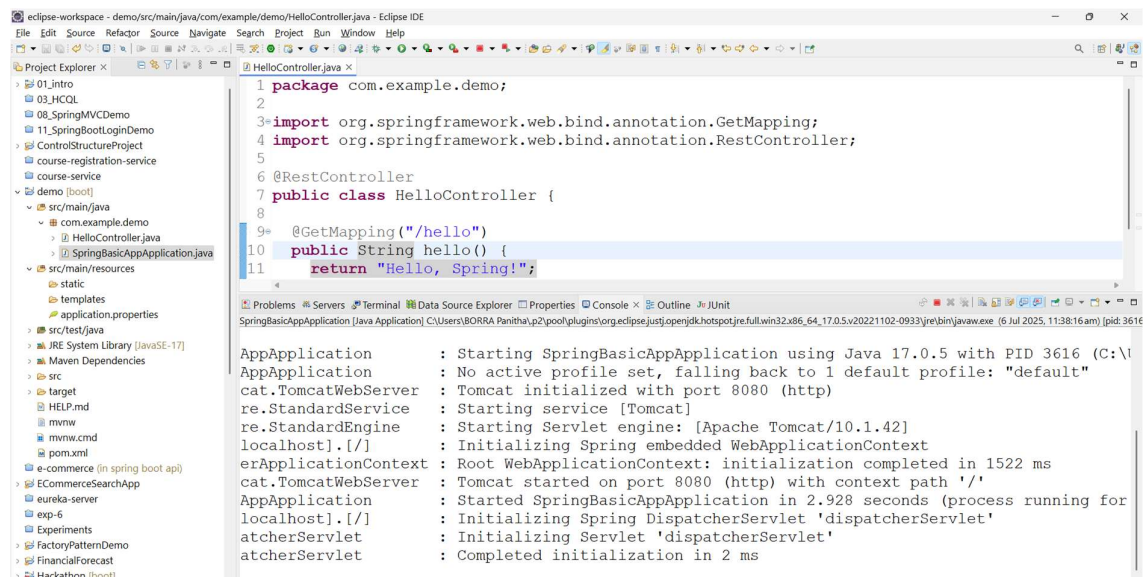
```
    public String hello() {
```

```
        return "Hello, Spring!";
```

```
    }
```

```
}
```

OUTPUT:



The screenshot shows the Eclipse IDE with the following components:

- Project Explorer:** Displays the project structure, including the `com.example.demo` package and the `HelloController.java` file.
- Editor:** Shows the code for `HelloController.java`, which includes the package declaration, imports, and the `hello()` method.
- Console:** Displays the output of the application, showing the startup sequence and the successful initialization of the Spring application.

```
AppApplication : Starting SpringBasicAppApplication using Java 17.0.5 with PID 3616 (C:\Users\BORRA Panitha\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.5.v20221102-0933\jre\bin\javaw.exe [pid: 3616])
AppApplication : No active profile set, falling back to 1 default profile: "default"
cat.TomcatWebServer : Tomcat initialized with port 8080 (http)
re.StandardService : Starting service [Tomcat]
re.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.42]
localhost.[/] : Initializing Spring embedded WebApplicationContext
erApplicationContext : Root WebApplicationContext: initialization completed in 1522 ms
cat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
AppApplication : Started SpringBasicAppApplication in 2.928 seconds (process running for 3.028 seconds)
localhost.[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
dispatcherServlet : Initializing Servlet 'dispatcherServlet'
dispatcherServlet : Completed initialization in 2 ms
```

