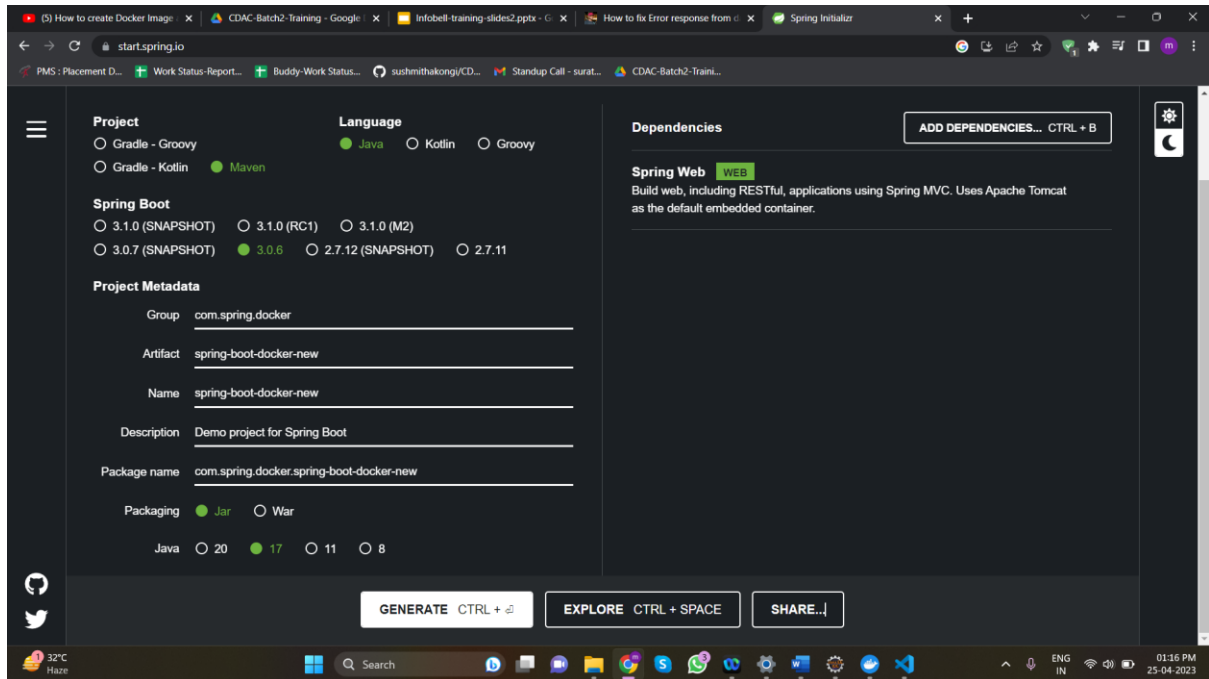


Name: Madhavi Suratkar

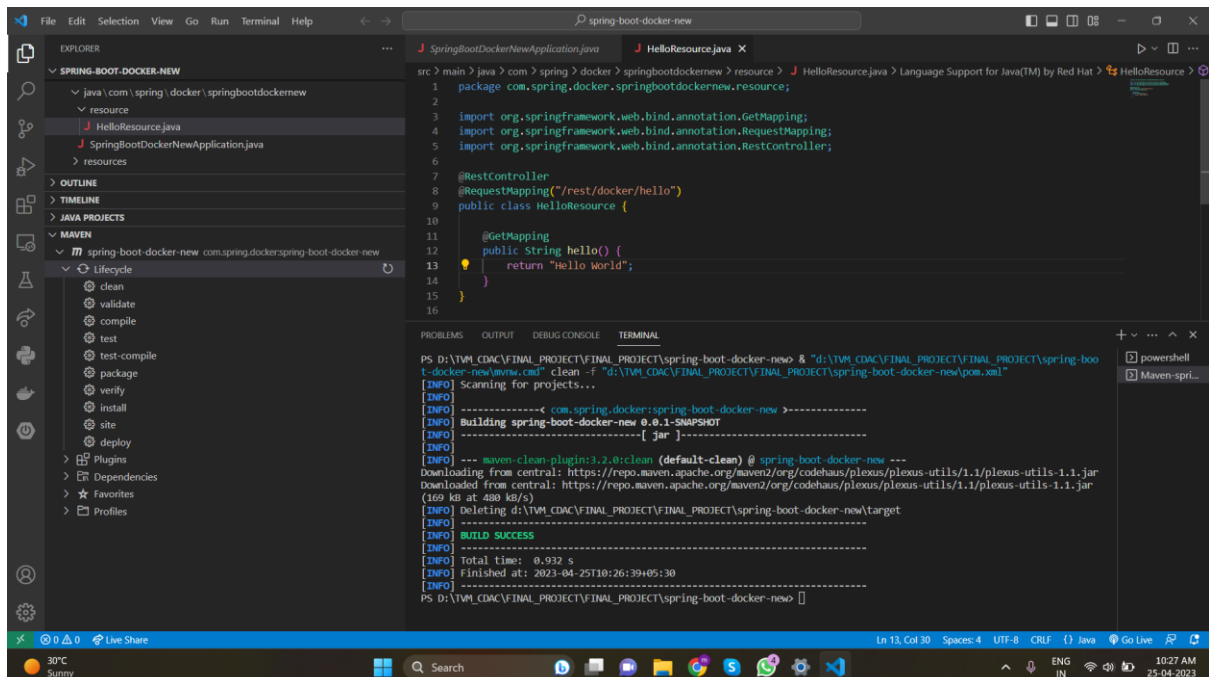
Topic : Docker Image and run Java App

Date:25-04-2023

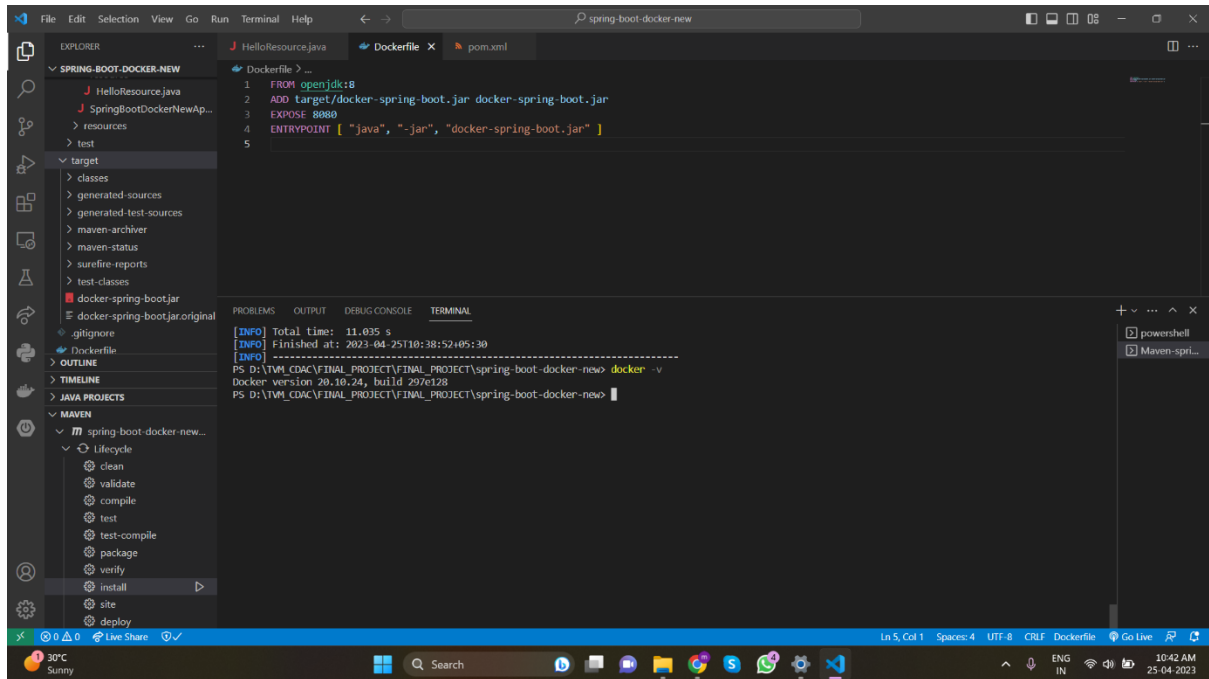
Bootstrap the Spring Boot Application



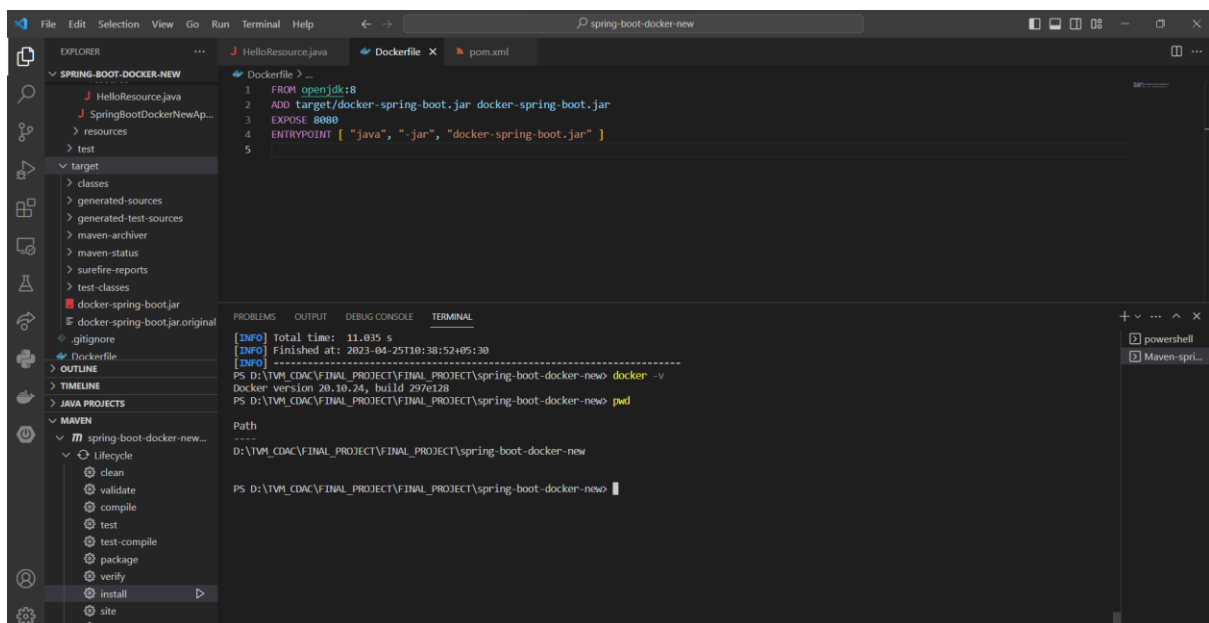
Installing jar



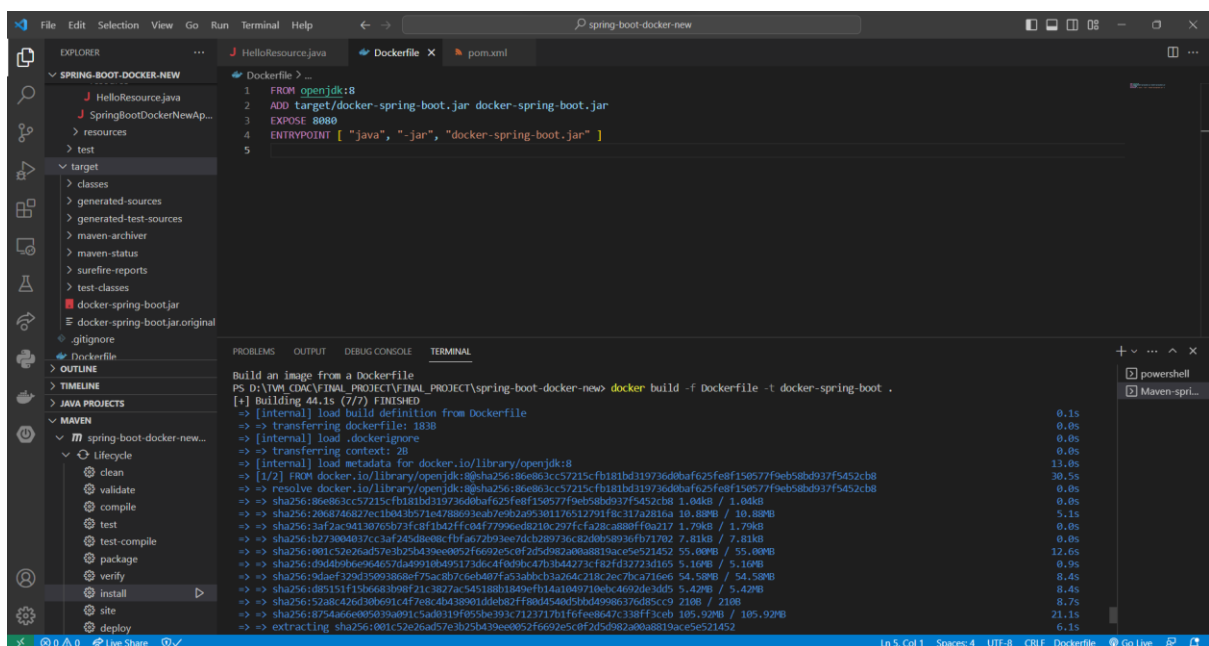
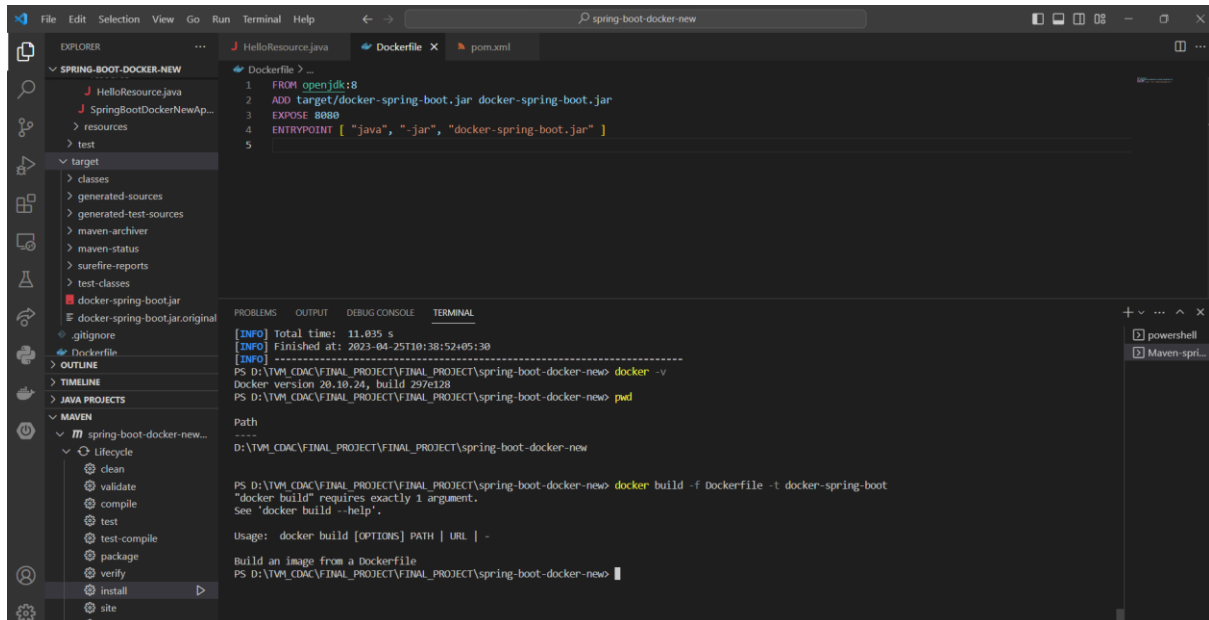
Docker version

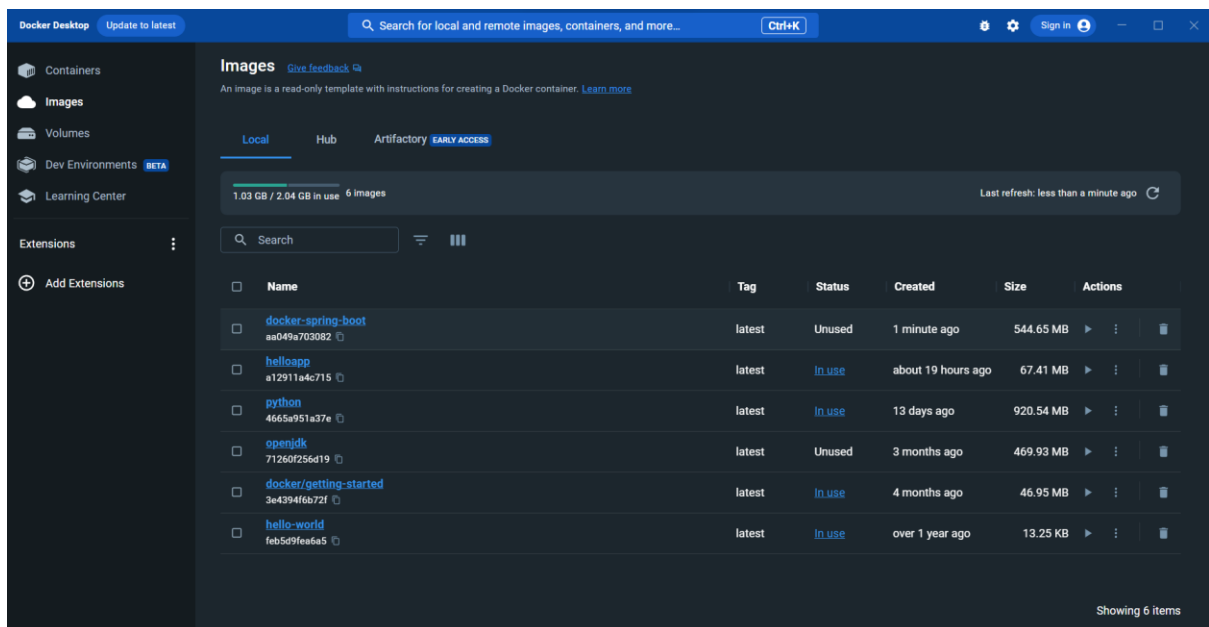
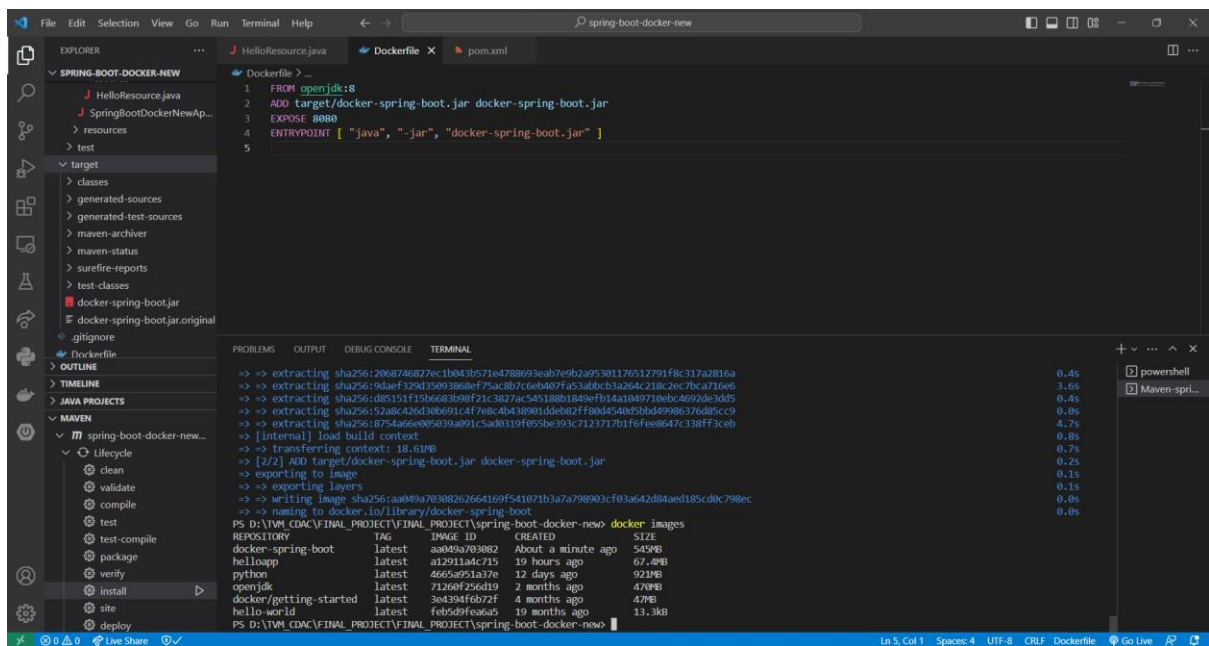


Checking current directory

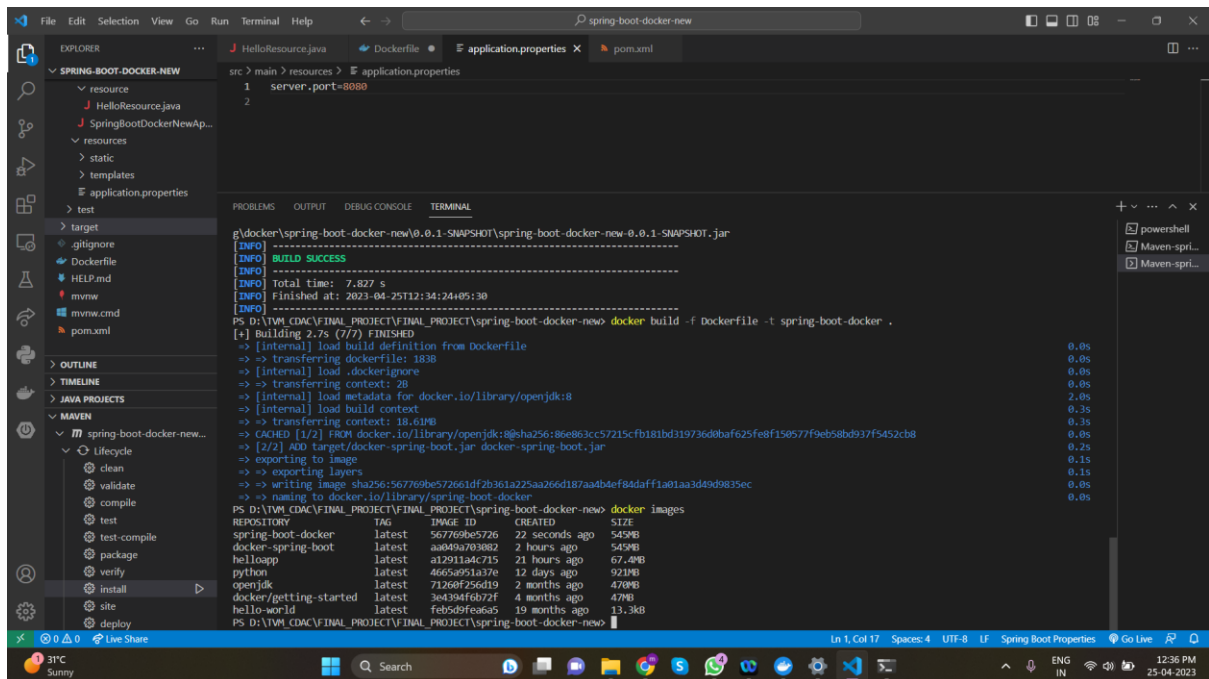


Creation Docker Image





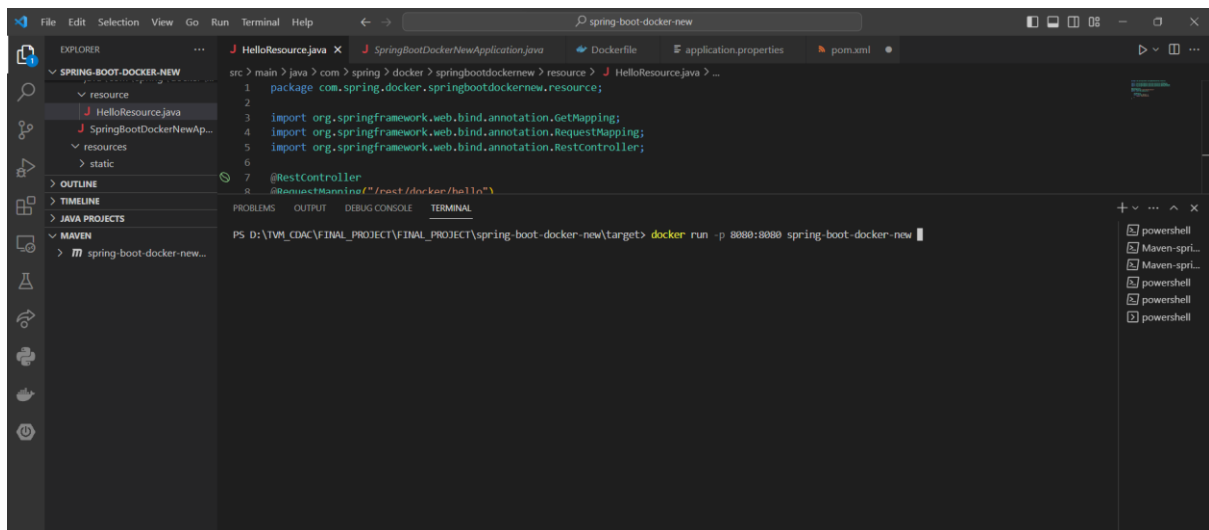
Running Docker Image



The screenshot shows an IDE with the following components:

- EXPLORER:** A project named "SPRING-BOOT-DOCKER-NEW" with a file tree including `resource`, `resources`, `static`, `templates`, `application.properties`, `test`, `target`, `.gitignore`, `Dockerfile`, `HELP.md`, `mvnw`, `mvnw.cmd`, and `pom.xml`.
- EDITOR:** The `application.properties` file is open, showing:

```
src > main > resources > application.properties
1 server.port=8080
2
```
- TERMINAL:** The output of the Docker build process is shown. It starts with the command `g:\docker\spring-boot-docker-new\0.0.1-SNAPSHOT\spring-boot-docker-new-0.0.1-SNAPSHOT.jar` and shows the build progress, including the creation of the `spring-boot-docker` image. The build is successful, and the image is exported to the Docker registry.



The screenshot shows the same IDE with the following components:

- EXPLORER:** The project structure is the same as in the first screenshot.
- EDITOR:** The `SpringBootDockerNewApplication.java` file is open, showing the following code:

```
src > main > java > com > spring > docker > springbootdockernew > resource > SpringBootDockerNewApplication.java
1 package com.spring.docker.springbootdockernew.resource;
2
3 import org.springframework.web.bind.annotation.GetMapping;
4 import org.springframework.web.bind.annotation.RequestMapping;
5 import org.springframework.web.bind.annotation.RestController;
6
7 @RestController
8 @RequestMapping("/rest/docker/hello")
```
- TERMINAL:** The output of the Docker run command is shown. The command is `PS D:\VM_CDAC\FINAL_PROJECT\FINAL_PROJECT\spring-boot-docker-new\target> docker run -p 8080:8080 spring-boot-docker-new`. The terminal shows the container starting and the application running.

