Phase - 5 Practice Project

- 4. Setting Up Jenkins Pipeline to Deploy Docker Swarm.
- Code

Demo Spring Boot App

• DemoSpringBootApplication.java

```
package com.example;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
@SpringBootApplication
public class DemoSpringBootAppApplication {
     public static void main(String[] args) {
          SpringApplication.run(DemoSpringBootAppApplication.class,
args);
}

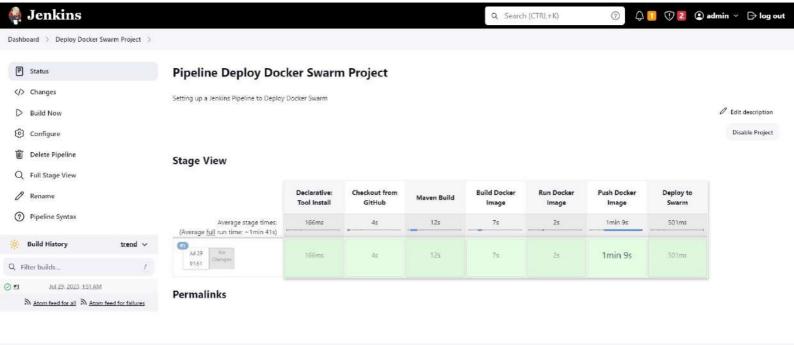
    MainController.java

package com.example;
import org.springframework.web.bind.annotation.GetMapping; import
org.springframework.web.bind.annotation.RestController;
@RestController
public class MainController {
                                  @GetMapping("/")
                                                        public String
               return "Hello World, This is an Demo SpringBoot
hello() {
App.\nProject :
Setting Up Jenkins Pipeline to Deploy Docker Swarm..!";
```

Dockerfile

} }

```
FROM eclipse-<u>temurin</u>:17-<u>jdk</u>-alpine
VOLUME /<u>tmp</u>
COPY target/*.jar app.jar
ENTRYPOINT ["java","-jar","/app.jar"]
```



Jenkins 2.401.2