

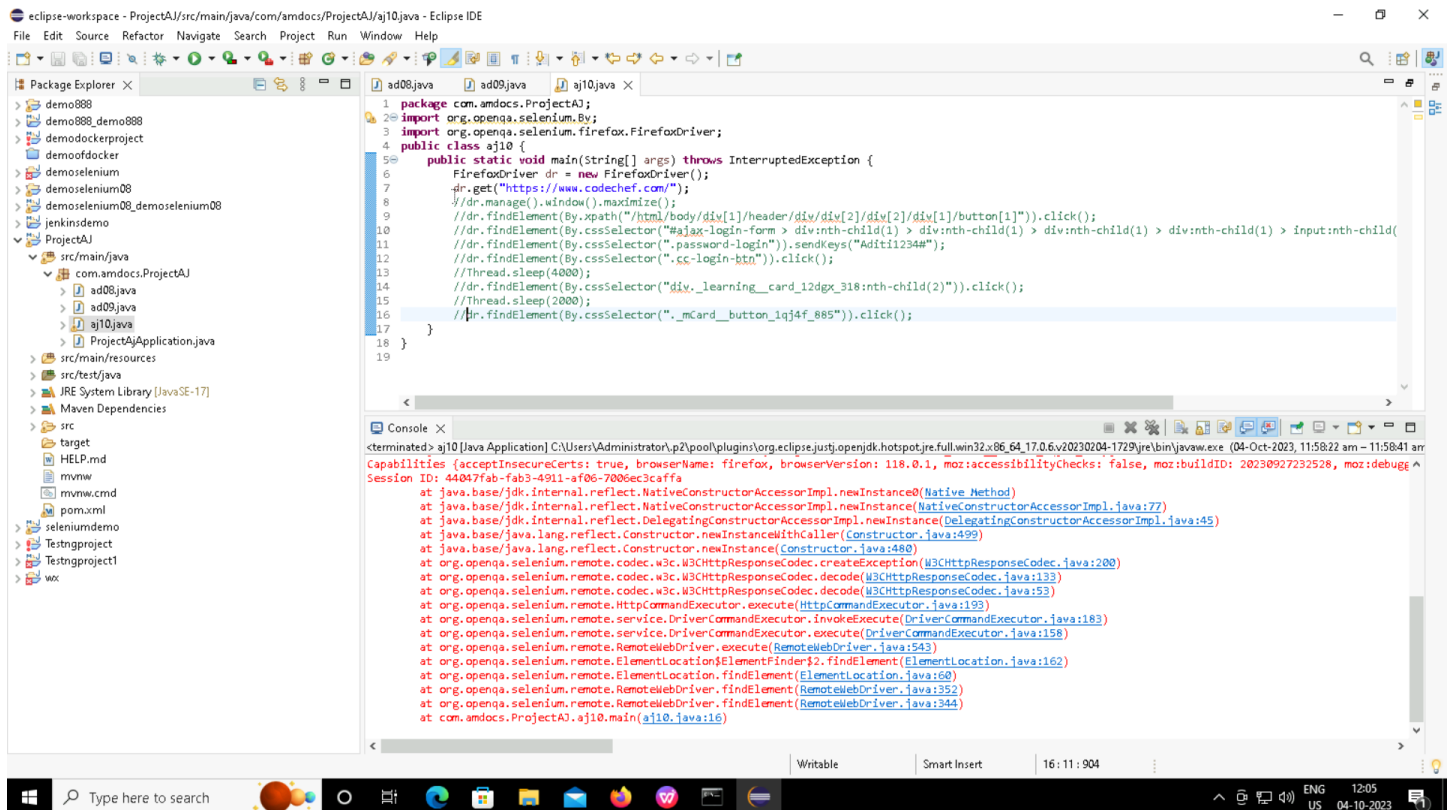
Name: Aditi Jha

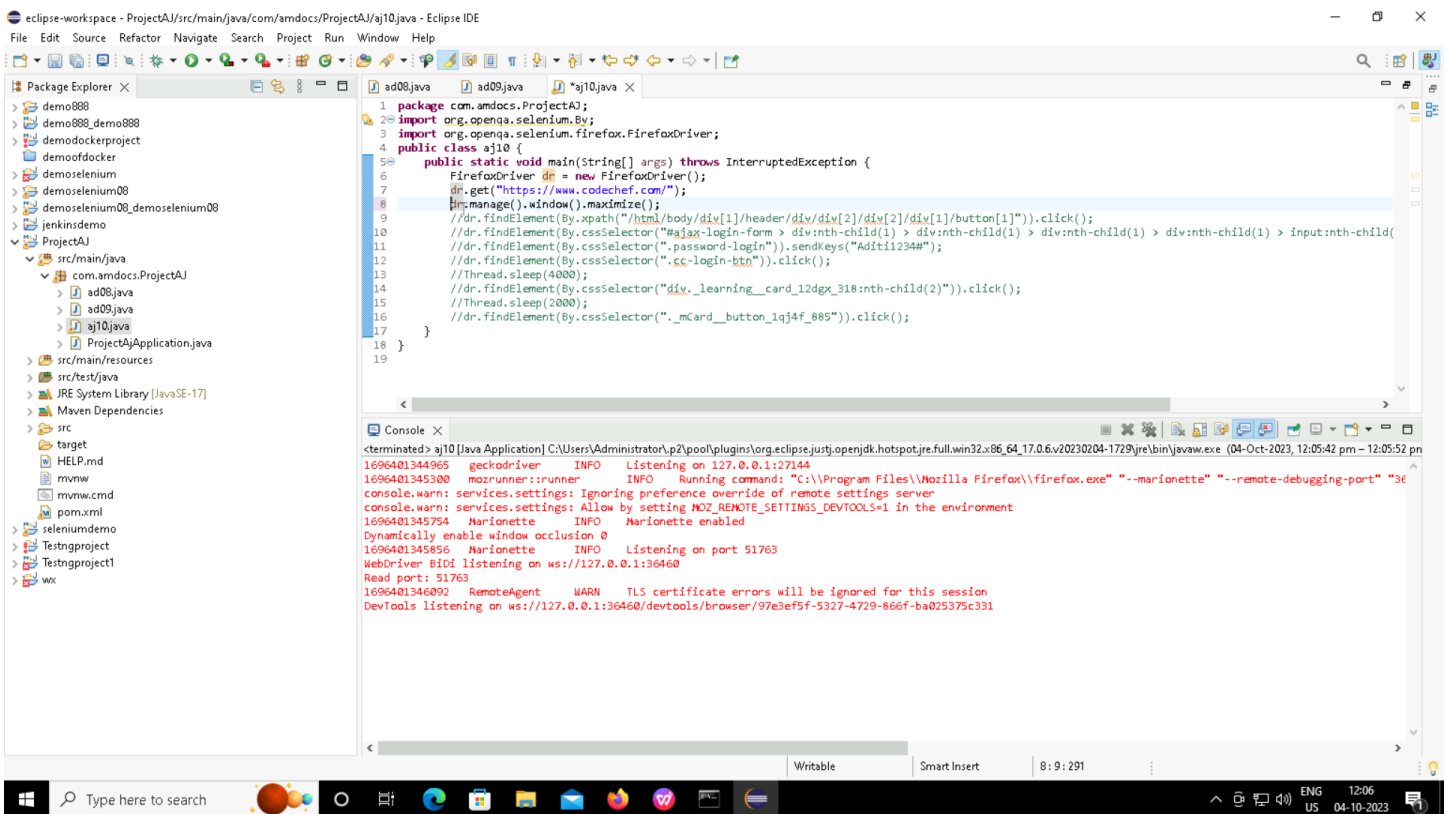
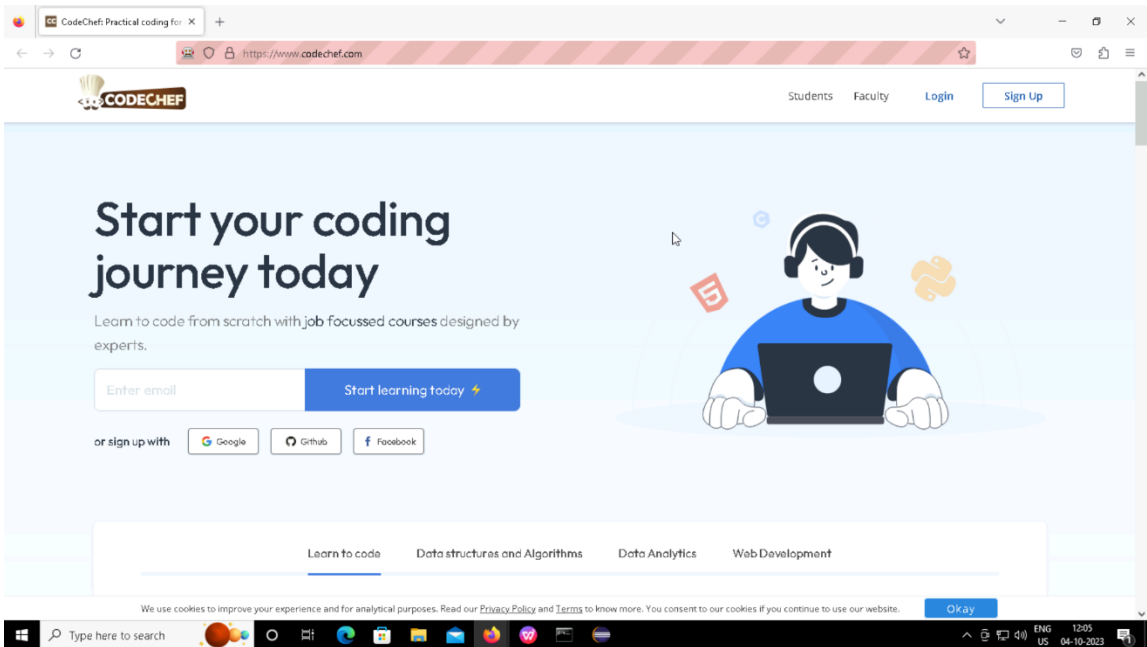
ID: 201345

Project: Selenium Testing and Docker

Objective – Creating docker image & deploying in docker container & create word document with screenshot & perform think testing an java project.

- Selenium Testing of CodeChef





eclipse-workspace - ProjectAJ/src/main/java/com/amdocs/ProjectAJ/aj10.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- demo888
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- demoofdocker
- demoseelenium
- demoseelenium08
- demoseelenium08\_demoseelenium08
- jenkinsdemo
- ProjectAJ
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  - seleniumdemo
  - Testngproject
  - Testngproject1
  - wx

aj10.java

```
1 package com.amdocs.ProjectAJ;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 public class aj10 {
5     public static void main(String[] args) throws InterruptedException {
6         WebDriver dr = new FirefoxDriver();
7         dr.get("https://www.codechef.com/");
8         dr.manage().window().maximize();
9         dr.findElement(By.xpath("/html/body/div[1]/header/div/div[2]/div[1]/button[1]")).click();
10        dr.findElement(By.cssSelector("div:nth-child(1) > div:nth-child(1) > div:nth-child(1) > input:nth-child(2)"))
11        //dr.findElement(By.cssSelector("div:nth-child(1) > div:nth-child(1) > div:nth-child(1) > input:nth-child(2)"))
12        //dr.findElement(By.cssSelector("div:nth-child(1) > div:nth-child(1) > div:nth-child(1) > input:nth-child(2)"))
13        //Thread.sleep(4000);
14        //dr.findElement(By.cssSelector("div._learning_card_12d8x_318:nth-child(2)")).click();
15        //Thread.sleep(2000);
16        //dr.findElement(By.cssSelector("div._mCard_button_lqj4f_885")).click();
17    }
18 }
19
```

Console

```
<terminated> aj10 [Java Application] C:\Users\Administrator\AppData\Local\Temp\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (04-Oct-2023, 12:07:18 pm - 12:07:29 pm)
1696401440683 geckodriver INFO Listening on 127.0.0.1:37992
1696401441030 mozrunner INFO Running command: "C:\Program Files\Mozilla Firefox\firefox.exe" "--marionette" "--remote-debugging-port" "65"
console.warn: services.settings: Ignoring preference override of remote settings server
console.warn: services.settings: Allow by setting MOZ_REMOTE_SETTINGS_DEVTOOLS=1 in the environment
1696401441562 Marionette INFO Marionette enabled
Dynamically enable window occlusion 0
1696401441658 Marionette INFO Listening on port 51900
WebDriver BiDi listening on ws://127.0.0.1:6969
Read port: 51900
1696401441965 RemoteAgent WARN TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:6969/devtools/brower/7f271efd-3675-4399-98bf-8e626ec0a111
```

CodeChef Login




http://www.codechef.com/login?destination=/

**CODECHEF**

**SIGN UP** **LOGIN**

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Use Social Media Credentials

OR

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aditi.jha810@gmail.com

Password: + 

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**Okay**

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aj10.java

```
1 package com.amdocs.ProjectAJ;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.firefox.FirefoxDriver;
5
6 public class aj10 {
7     public static void main(String[] args) throws InterruptedException {
8         FirefoxDriver driver = new FirefoxDriver();
9         driver.get("https://www.codechef.com/");
10        driver.manage().window().maximize();
11        driver.findElement(By.xpath("//html/body/div[1]/header/div/div[2]/div[2]/div[1]/button[1]")).click();
12        driver.findElement(By.cssSelector("div:nth-child(1) > div:nth-child(1) > div:nth-child(1) > input:nth-child(2)")).sendKeys("Aditi1234#");
13        driver.findElement(By.cssSelector("#cc-login-btn")).click();
14        //Thread.sleep(4000);
15        driver.findElement(By.cssSelector("div._learning_card_12dgc_318:nth-child(2)")).click();
16        //Thread.sleep(2000);
17        driver.findElement(By.cssSelector("#_mCard_button_lqj4f_885")).click();
18    }
19 }
```

Console

```
<terminated> aj10 [Java Application] C:\Users\Administrator\AppData\Local\Temp\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (04-Oct-2023, 12:07:59 pm - 12:08:12 pm)
1696401482274 geckodriver INFO Listening on 127.0.0.1:47382
1696401482616 mozrunner:runner INFO Running command: "C:\Program Files\Mozilla Firefox\firefox.exe" "--marionette" "--remote-debugging-port" "1696401483399"
console.warn: services.settings: Ignoring preference override of remote settings server
console.warn: services.settings: Allow by setting MOZ_REMOTE_SETTINGS_DEVTOOLS=1 in the environment
1696401483399 Marionette INFO Marionette enabled
Dynamically enable window occlusion 0
1696401483493 Marionette INFO Listening on port 51998
WebDriver BiDi listening on ws://127.0.0.1:51998
Read port: 51998
1696401483767 RemoteAgent WARN TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:10699/devtools/browser/128c05ca-1a9d-4245-bcd3-aa100640a9bb
JavaScript warning: https://cdn.codechef.com/js/jquery/1.9.1/jquery.min.js?v, line 2: Using //@ to indicate sourceMappingURL pragmas is deprecated. Use //# instead
```

CodeChef Login




http://www.codechef.com/login?destination=/

CODECHEF

SIGN UP LOGIN

Already have an account?


Use Social Media Credentials

OR

Username or Email: +

aditi.jha810@gmail.com

Password: + 

\*\*\*\*\*

LOGIN

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Okay

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3 import org.openqa.selenium.WebDriver;
4 public class aj10 {
5     public static void main(String[] args) throws InterruptedException {
6         WebDriver dr = new FirefoxDriver();
7         dr.get("https://www.codechef.com/");
8         dr.manage().window().maximize();
9         dr.findElement(By.xpath("//html/body/div[1]/header/div/div[2]/div[1]/button[1]")).click();
10        dr.findElement(By.cssSelector("majsx-login-form > div:nth-child(1) > div:nth-child(1) > div:nth-child(1) > input:nth-child(2)"));
11        dr.findElement(By.cssSelector("password-login")),sendKeys("Aditi1234#");
12        dr.findElement(By.cssSelector(".cc-login-btn")).click();
13        //Thread.sleep(4000);
14        //dr.findElement(By.cssSelector("div._learning_card_12d6x_318:nth-child(2)")).click();
15        //Thread.sleep(2000);
16        //dr.findElement(By.cssSelector("._mCard_button_lqj4f_885")).click();
17    }
18 }
19
```

Console

```
<terminated> aj10 [Java Application] C:\Users\Administrator\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (04-Oct-2023, 12:08:36 pm - 12:08:48 pm)
1696401518809 geckodriver INFO Listening on 127.0.0.1:44709
1696401519157 mozrunner:runner INFO Running command: "C:\\Program Files\\Mozilla Firefox\\firefox.exe" "--marionette" "--remote-debugging-port" "3"
console.warn: services.settings: Ignoring preference override of remote settings server
console.warn: services.settings: Allow by setting MOZ_REMOTE_SETTINGS_DEVTOOLS=1 in the environment
1696401519589 Marionette INFO Marionette enabled
Dynamically enable window occlusion 0
1696401519690 Marionette INFO Listening on port 52105
WebDriver BiDi listening on ws://127.0.0.1:137388
Read port: 52105
1696401519916 RemoteAgent WARN TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:37388/devtools/browser/d1f3aec-d518-4719-8715-9f09eeec10fb4
JavaScript warning: https://cdn.codechef.com/js/jquery/1.9.1/jquery.min.js?v, line 2: Using //@ to indicate sourceMappingURL pragmas is deprecated. Use //# ins
```

Dashboard - CodeChef

https://www.codechef.com/dashboard

CODECHEF

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Recommended Based on Your Profile

- Learn Python Beginner Start
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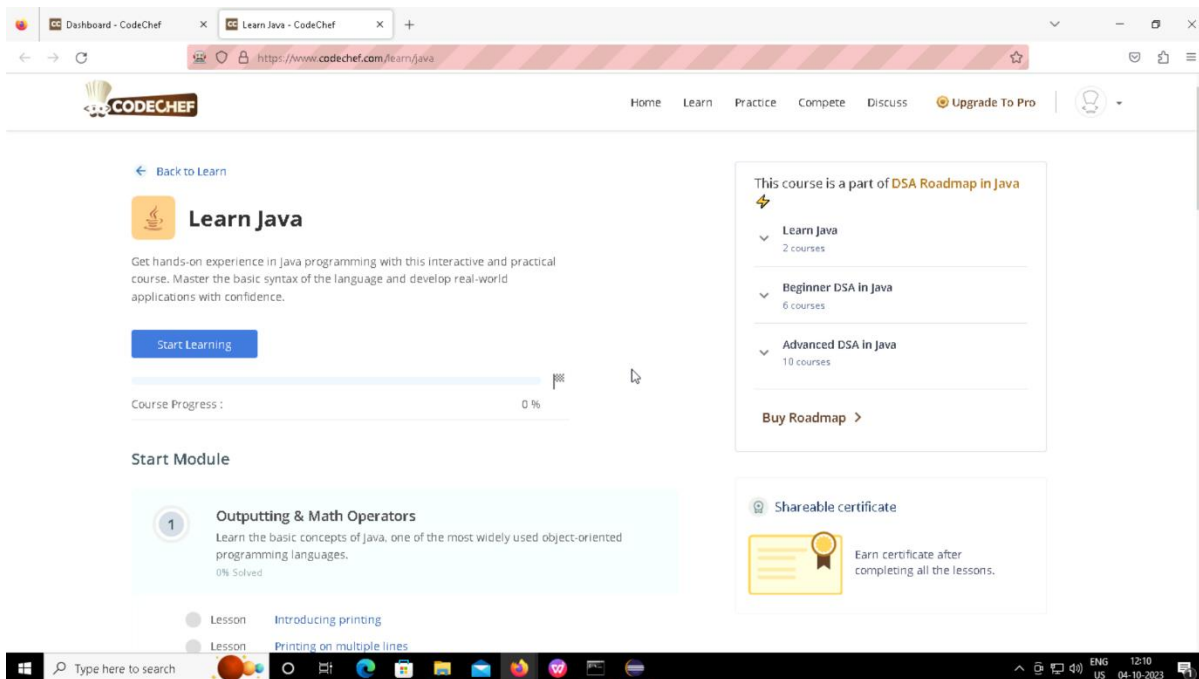
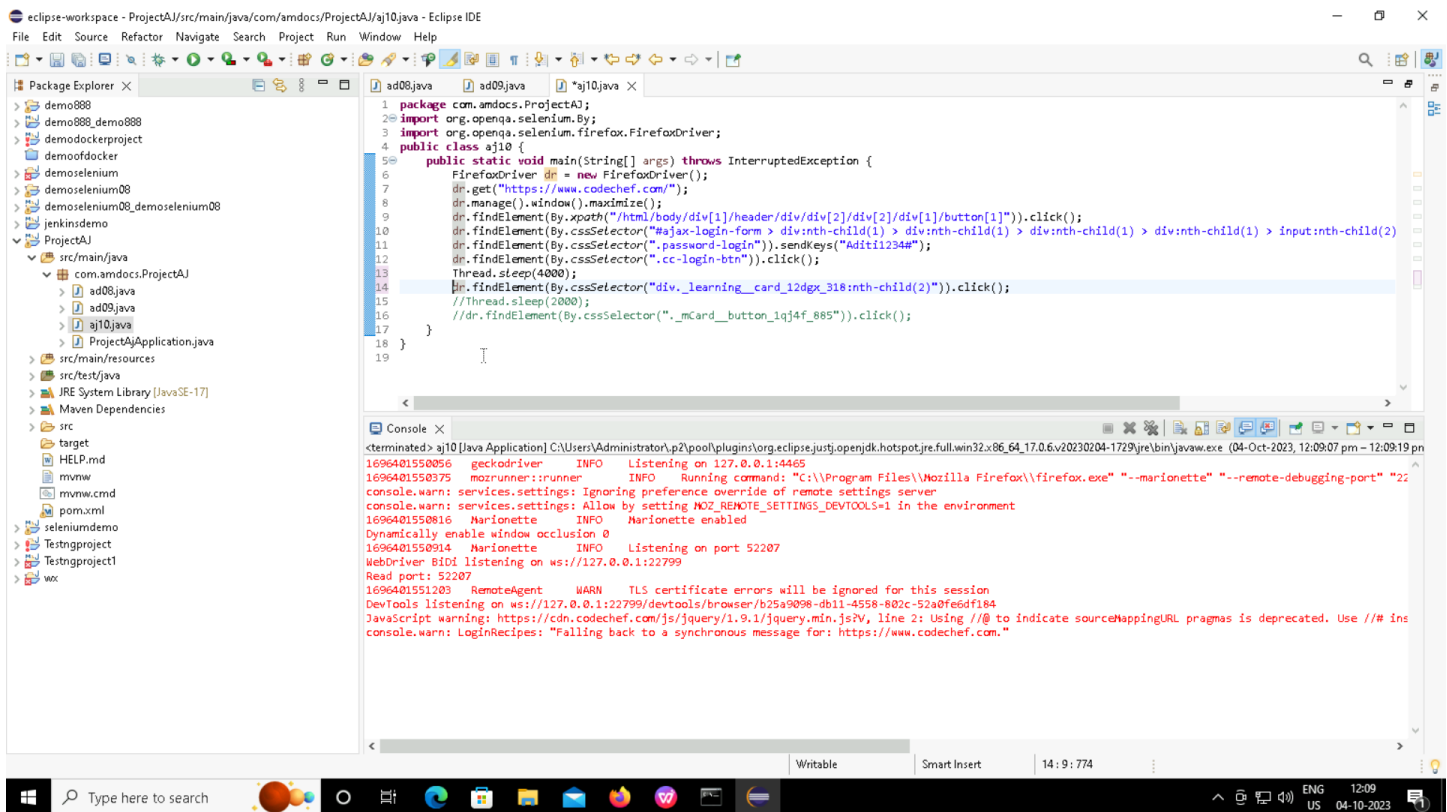
Daily Streak View Profile

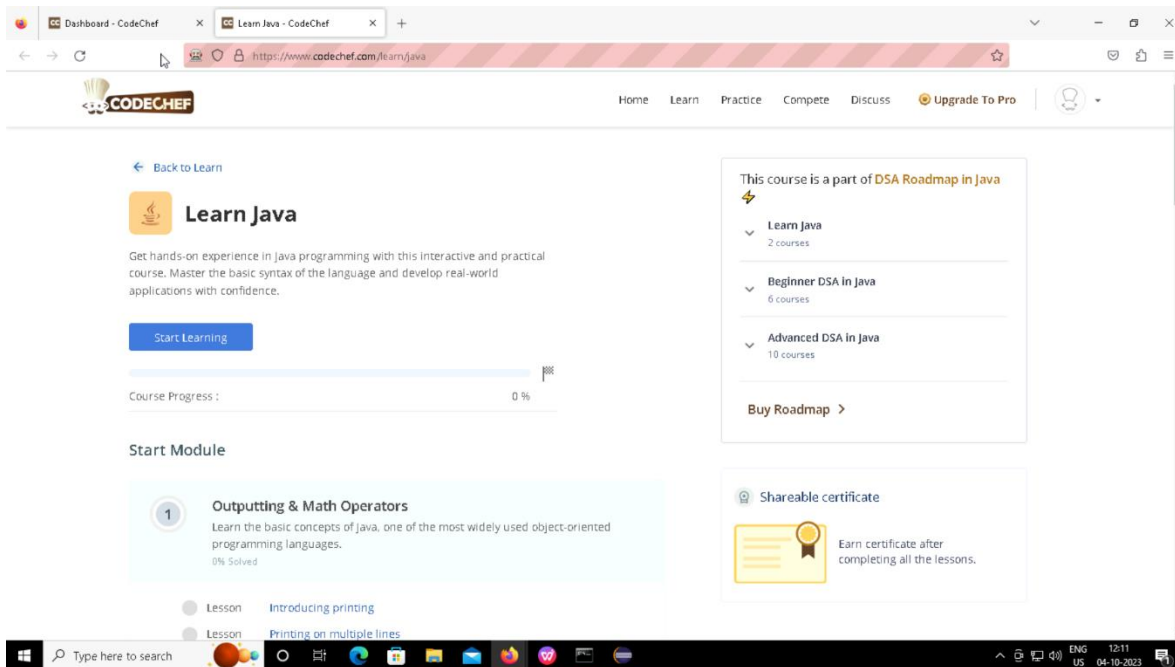
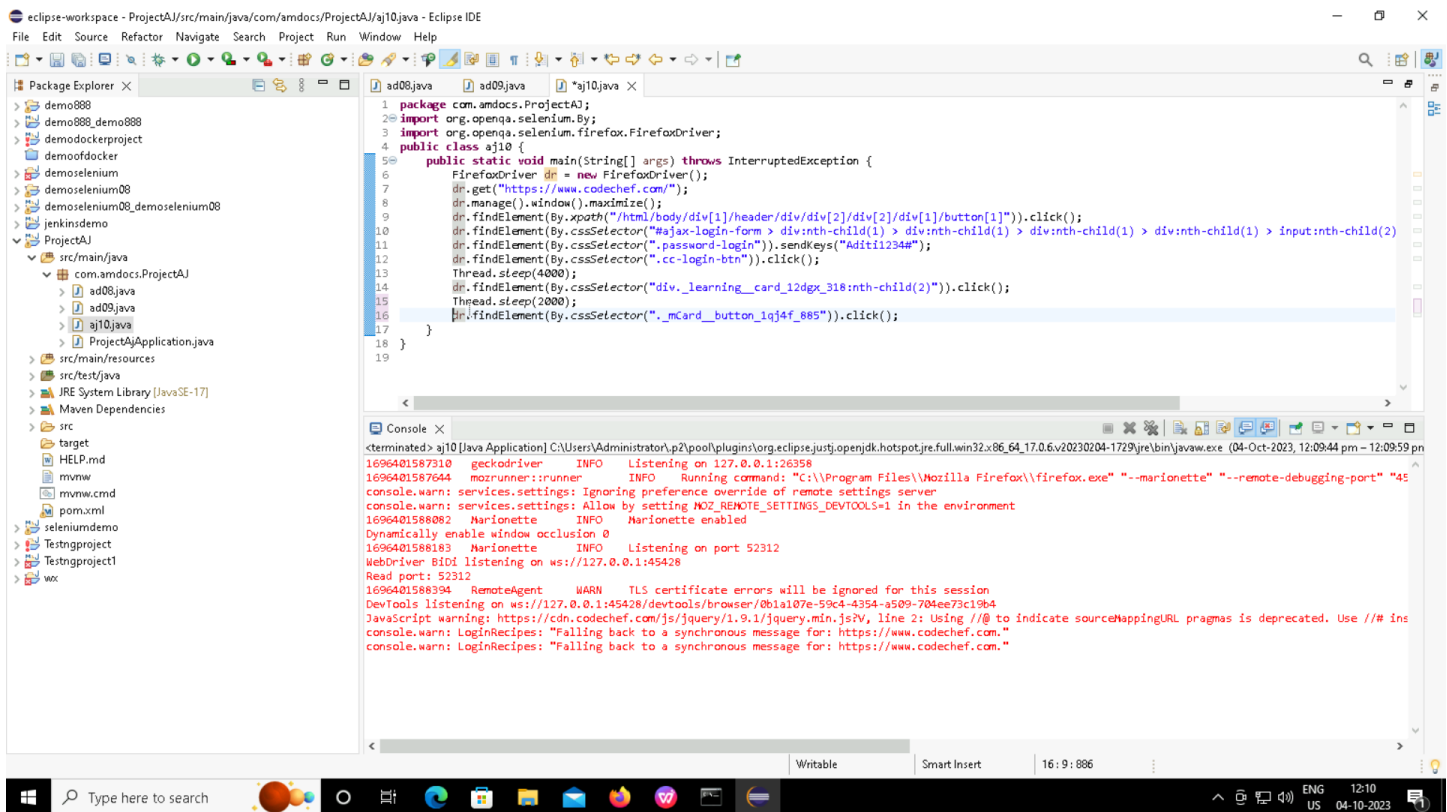
CURRENT	LONGEST	FREEZES
0 days	0 days	0 left
T	F	S
S	M	T
W		

Discuss Notifications View all

No New Notification

Assess Yourself

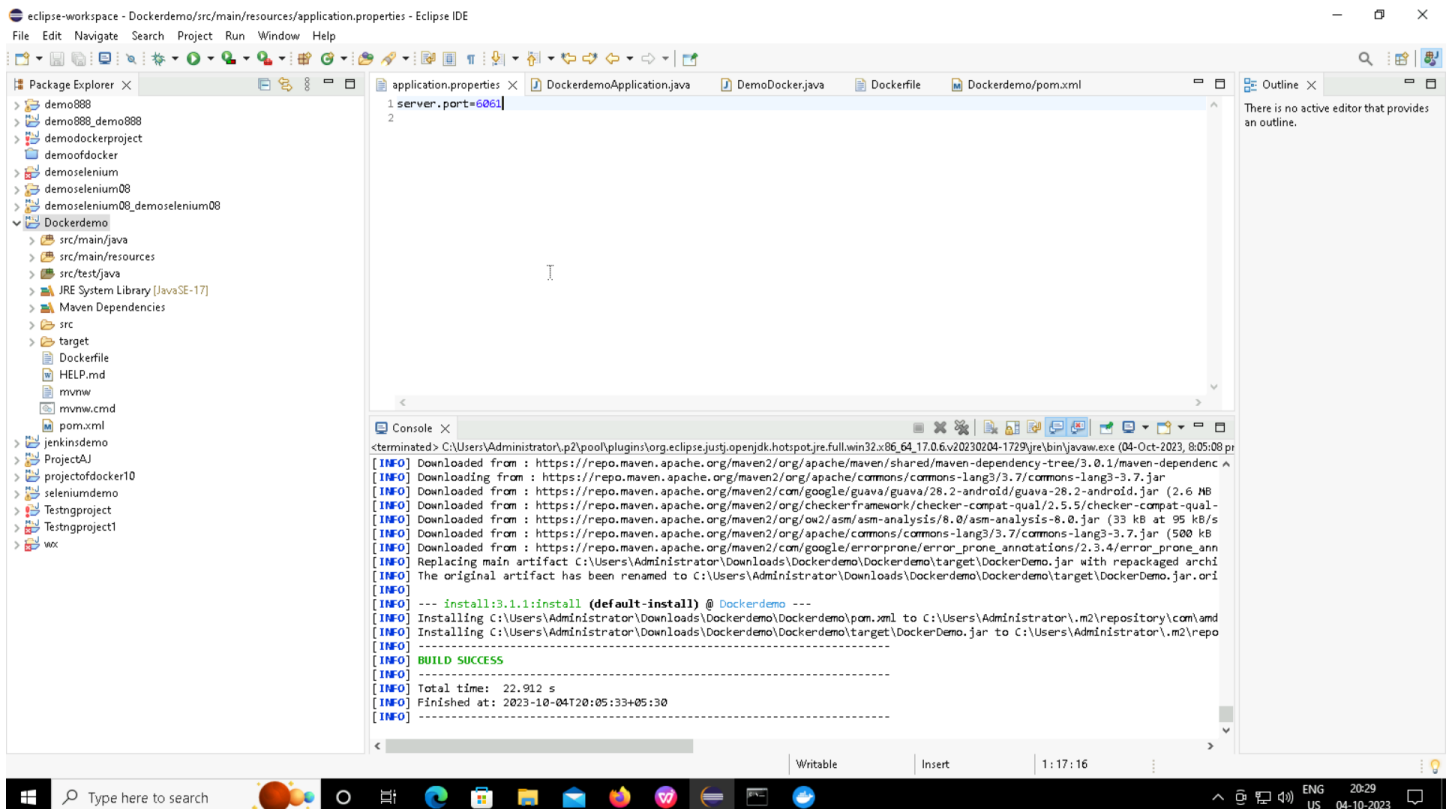
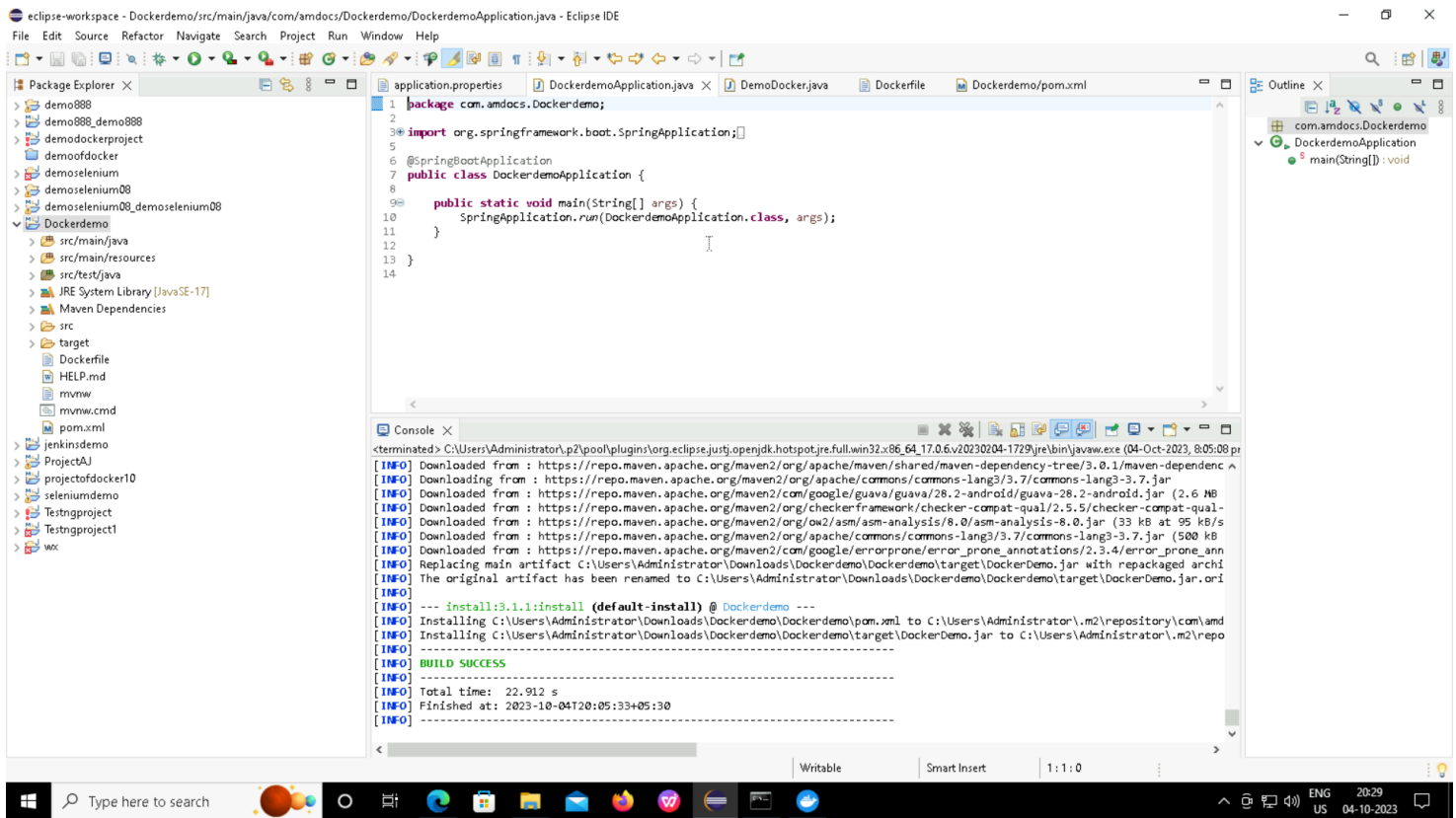




- Docker

Code: -







eclipse-workspace - Dockerdemo/pom.xml - Eclipse IDE

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  - mvnw.cmd
  - pom.xml
- jenkinsdemo
- ProjectAJ
- projectofdocker10
- seleniumdemo
- Testngproject
- Testngproject1
- wx

application.properties DockerdemoApplication.java DemoDocker.java Dockerfile Dockerdemo/pom.xml

```
<?xml encoding="UTF-8" version="1.0"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <parent>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-parent</artifactId>
    <version>3.1.4</version>
    <relativePath><!-- lookup parent from repository -->
  </parent>
  <groupId>com.amdocs</groupId>
  <artifactId>Dockerdemo</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <name>Dockerdemo</name>
  <description>Demo project for Spring Boot</description>
  <properties>
    <java.version>17</java.version>
  </properties>
  <dependencies>
    <dependency>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-web</artifactId>
    </dependency>
    <dependency>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-test</artifactId>
      <scope>test</scope>
    </dependency>
  </dependencies>
  <build>
    <plugins>
      <plugin>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-maven-plugin</artifactId>
      </plugin>
    </plugins>
  </build>
</project>
```

Overview Dependencies Dependency Hierarchy Effective POM pom.xml

Console

```
<terminated> C:\Users\Administrator\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.6\jre\bin\java.exe (04-Oct-2023, 8:05:08 PM)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar (500 kB)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar (500 kB)
```

Writtable Insert 39:42:1250

eclipse-workspace - Dockerdemo/Dockerfile - Eclipse IDE

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- demoseelenium08\_demoseelenium08
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  - HELP.md
  - mvnw
  - mvnw.cmd
  - pom.xml
- jenkinsdemo
- ProjectAJ
- projectofdocker10
- seleniumdemo
- Testngproject
- Testngproject1
- wx

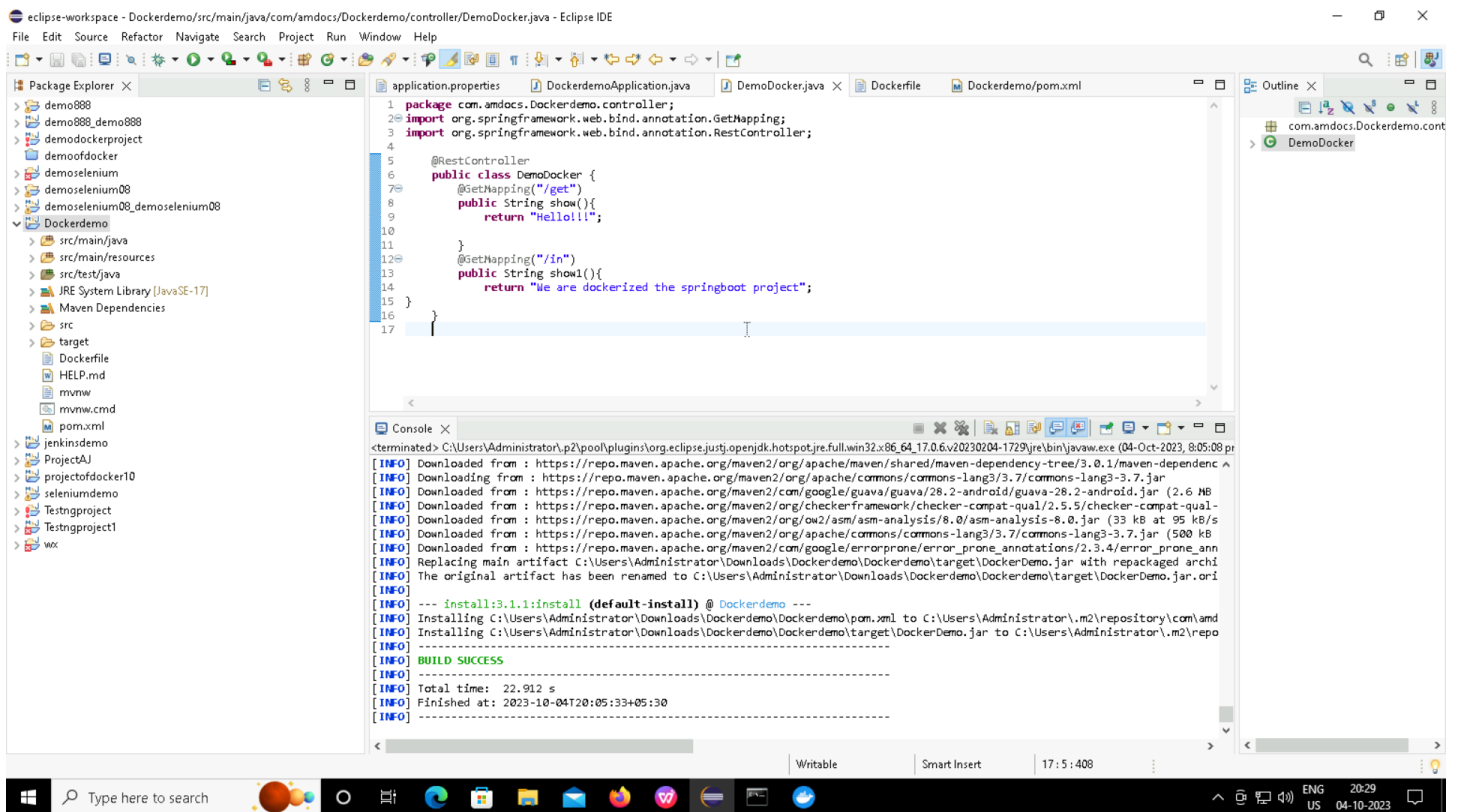
application.properties DockerdemoApplication.java DemoDocker.java Dockerfile Dockerdemo/pom.xml

```
1 FROM openjdk:17
2 EXPOSE 6061
3 ADD target/DockerDemo.jar DockerDemo.jar
4 ENTRYPOINT ["java", "-jar", "/DockerDemo.jar"]
```

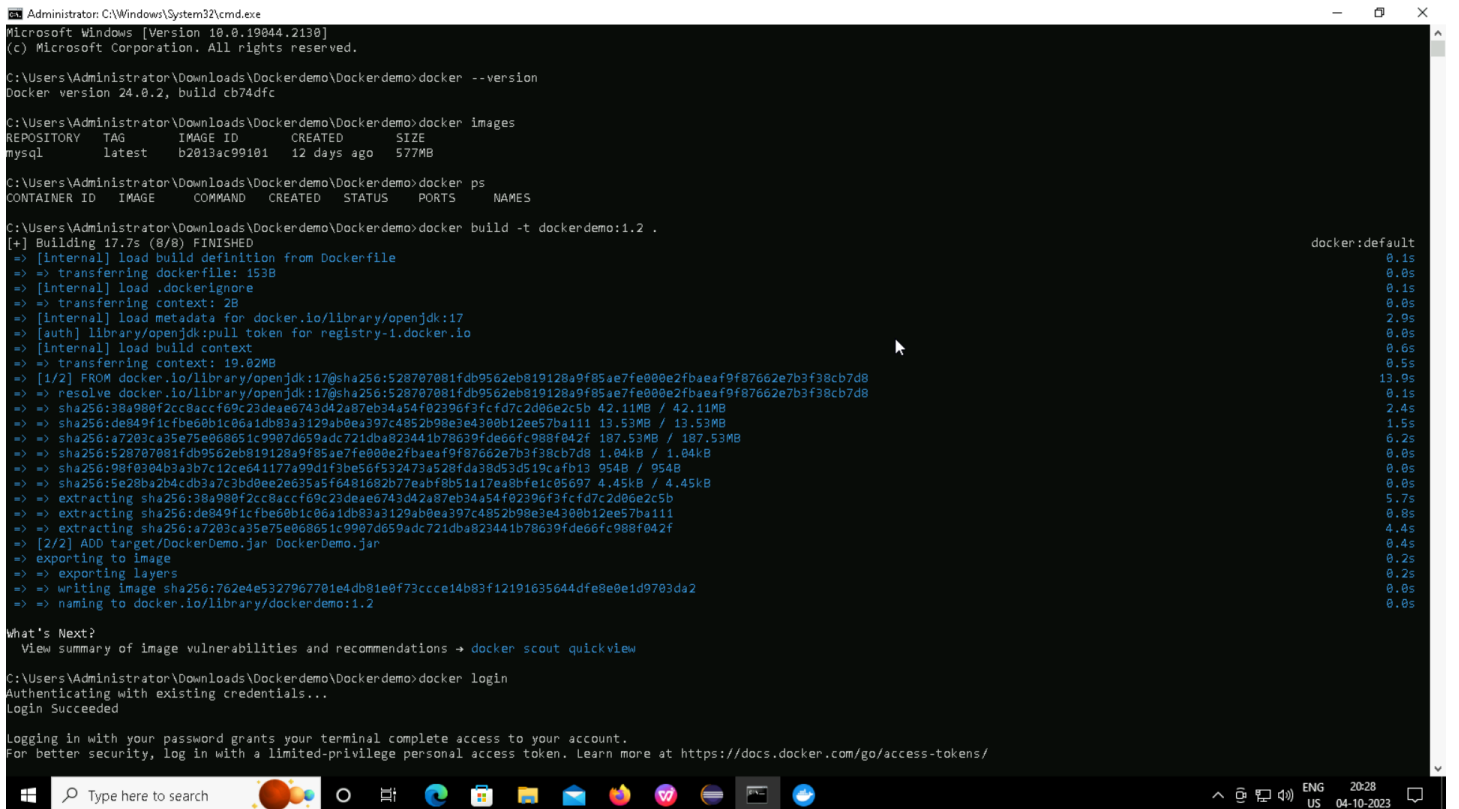
Console

```
<terminated> C:\Users\Administrator\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.6\jre\bin\java.exe (04-Oct-2023, 8:05:08 PM)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar (500 kB)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.0.1/maven-dependency-tree-3.0.1.jar (500 kB)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar (500 kB)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/google/guava/guava/28.2-android/guava-28.2-android.jar (2.6 MB)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/checkerframework/checker-qual/2.5.5/checker-qual-2.5.5.jar (33 kB at 95 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/ow2/asm/asm-analysis/8.0/asm-analysis-8.0.jar (33 kB at 95 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar (500 kB)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/google/errorprone/errorprone-annotations/2.3.4/errorprone-annotations-2.3.4.jar (500 kB)
[INFO] Replacing main artifact C:\Users\Administrator\Downloads\Dockerdemo\target\DockerDemo.jar with repackaged artifact C:\Users\Administrator\Downloads\Dockerdemo\target\DockerDemo.jar
[INFO] The original artifact has been renamed to C:\Users\Administrator\Downloads\Dockerdemo\target\DockerDemo.jar.original
[INFO] --- install:3.1.1:install (default-install) @ Dockerdemo ---
[INFO] Installing C:\Users\Administrator\Downloads\Dockerdemo\pom.xml to C:\Users\Administrator\.m2\repository\com\amdocs\pom.xml
[INFO] Installing C:\Users\Administrator\Downloads\Dockerdemo\target\DockerDemo.jar to C:\Users\Administrator\.m2\repository\com\amdocs\pom.xml
[INFO] BUILD SUCCESS
[INFO] Total time: 22.912 s
[INFO] Finished at: 2023-10-04T20:05:33+05:30
[INFO]
```

Writtable Insert 4:45:116



## Output: -



```
Administrator: C:\Windows\System32\cmd.exe
View summary of image vulnerabilities and recommendations → docker scout quickview

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker tag dockerdemo:final aditi0805/dockerdemo
Error response from daemon: No such image: dockerdemo:final

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker push aditi0805/dockerdemo
Using default tag: latest
The push refers to repository [docker.io/aditi0805/dockerdemo]
An image does not exist locally with the tag: aditi0805/dockerdemo

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
dockerdemo 1.2 762e4e532706 4 minutes ago 498MB
mysql latest b2013ac99101 12 days ago 577MB

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker tag dockerdemo:final aditi0805/dockerdemo
Error response from daemon: No such image: dockerdemo:final

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker push aditi0805/dockerdemo
Using default tag: latest
The push refers to repository [docker.io/aditi0805/dockerdemo]
An image does not exist locally with the tag: aditi0805/dockerdemo

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>docker push aditi0805/dockerdemo
Using default tag: latest
The push refers to repository [docker.io/aditi0805/dockerdemo]
An image does not exist locally with the tag: aditi0805/dockerdemo

C:\Users\Administrator\Downloads\Dockerdemo\Dockerdemo>
```

The screenshot shows the Docker Desktop application window. At the top, the title bar reads "Docker Desktop" and "Update to latest". Below the title bar, the search bar contains "Search: dockerdemo". The main content area displays the logs for a container named "loving\_fermat". The logs show the container starting successfully, with the application "DockerdemoApplication" running on port 6661. The status bar at the bottom indicates "RAM 1.20 GB" and "Connected to Hub".

