step 1 :

Launch Docker Engine

step 2 :

Go to Command prompt and enter below command

docker run -d -p 8081:8081 --name nexus sonatype/nexus3

step 3 :

Launch localhost:8081 --> It will take some time to download all the image

step 4 :

To fetch the password use the below commands

docker exec -it 8580f1f03e49 cat /nexus-data/admin.password

8580f1f03e49- Container ID

It will give Password: e0d609df-b9df-4b89-9305-65103cfaac69

step 5:

change the password as admin123

Step 6 : Add distribution Management & Plugin

<distributionManagement>

<snapshotRepository>

<id>nexus-snapshots</id>

<url>http://admin:admin123@localhost:8081/repository/maven-snapshots/</url>

</snapshotRepository>

</distributionManagement>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-assembly-plugin</artifactId>

<version>3.3.0</version>

<configuration>

<descriptorRefs>

<descriptorRef>jar-with-dependencies</descriptorRef>

</descriptorRefs>

</configuration>

<executions>

<execution>

<id>make-assembly</id>

<phase>package</phase>

<goals>

<goal>single</goal>

</goals>

</execution>

</executions>

</plugin>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

Step 7 :

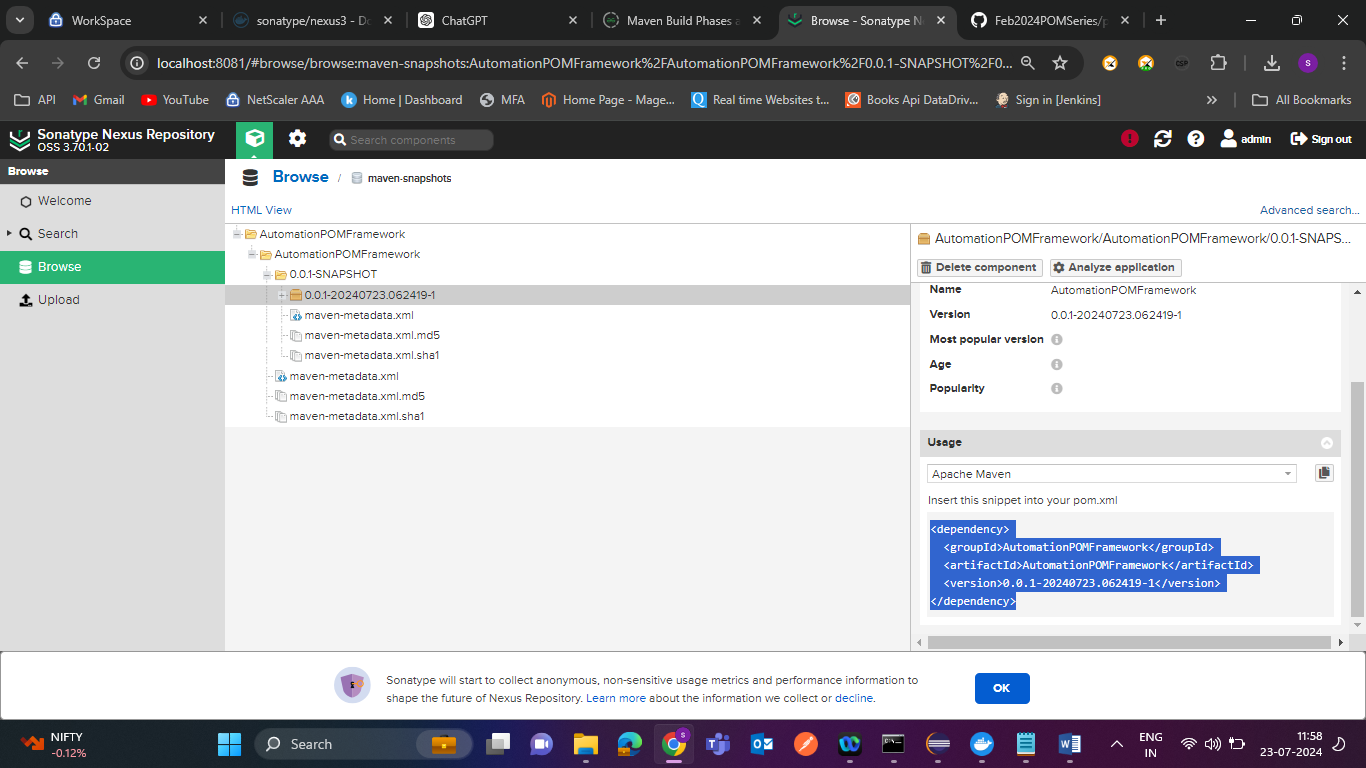
Go to the project in Command prompt and enter below command

mvn package -DskipTests-true

step 8 :

mvn deploy -DskipTests=true

Step 9 :



Step 10 :

<repositories>

<repository>

<id>nexus-snapshots</id>

<url>http://localhost:8081/repository/maven-snapshots</url>

<snapshots>

<enabled>true</enabled>

</snapshots>

<releases>

<enabled>false</enabled>

</releases>

</repository>

</repositories>

<dependencies>

<dependency>

<groupId>AutomationPOMFramework</groupId>

<artifactId>AutomationPOMFramework</artifactId>

<version>0.0.1-20240723.062419-1</version>

</dependency>

Step 11. Settings.xml in m2 folder

<settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"

          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

          xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http://maven.apache.org/xsd/settings-1.0.0.xsd">

    <servers>

        <server>

            <id>nexus-snapshots</id>

            <username>admin</username>

            <password>admin123</password>

        </server>

    </servers>

    <profiles>

        <profile>

            <id>nexus-snapshots</id>

            <repositories>

                <repository>

                    <id>nexus-snapshots</id>

                    <url>http://localhost:8081/repository/maven-snapshots</url>

                    <snapshots>

                        <enabled>true</enabled>

                    </snapshots>

                    <releases>

                        <enabled>false</enabled>

                    </releases>

                </repository>

            </repositories>

        </profile>

    </profiles>

    <activeProfiles>

        <activeProfile>nexus-snapshots</activeProfile>

    </activeProfiles>

</settings>