Continuous Integration and Continuous Deployment Lab

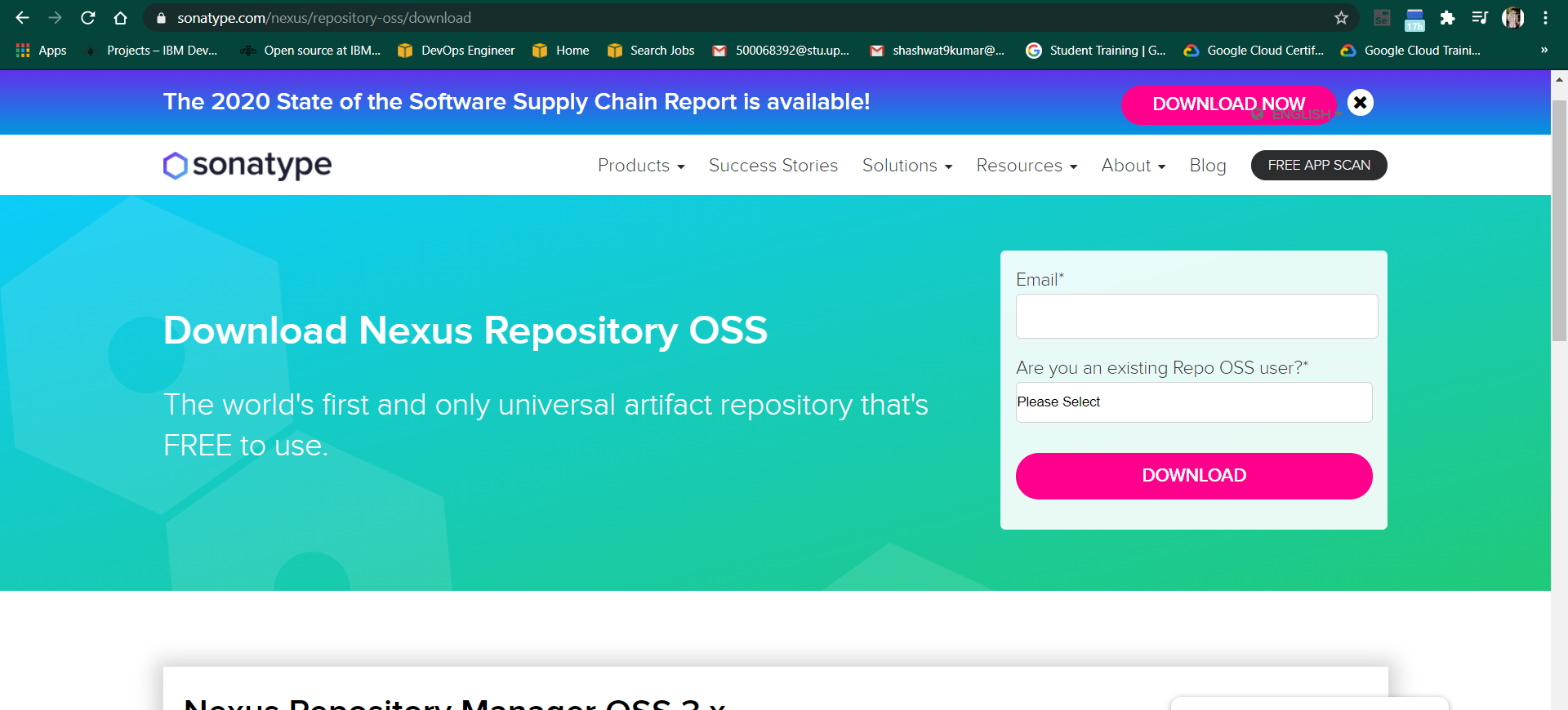
Experiment – 9

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**Roll No – R171218005**

**Uploading artifacts on Nexus server using command line**

Head over to: sonatype.com/nexus/repository-oss/download to download nexus server

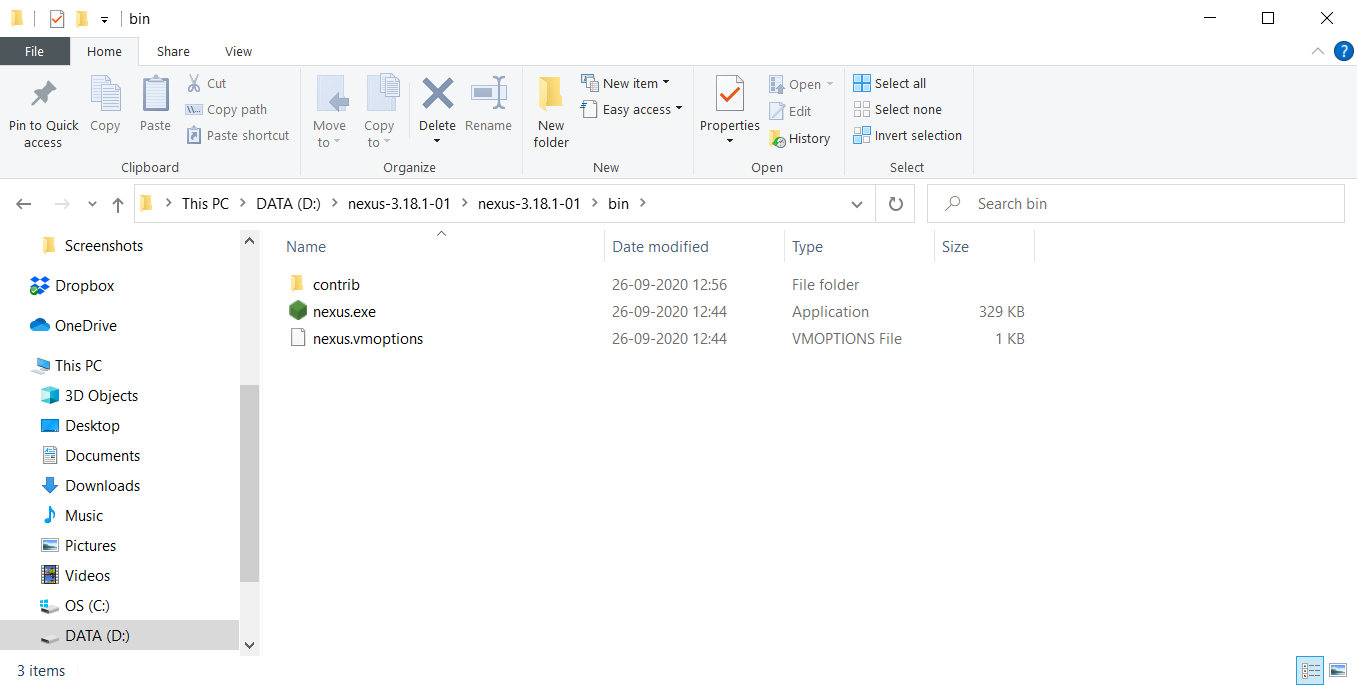


Go to the location where nexus is installed.

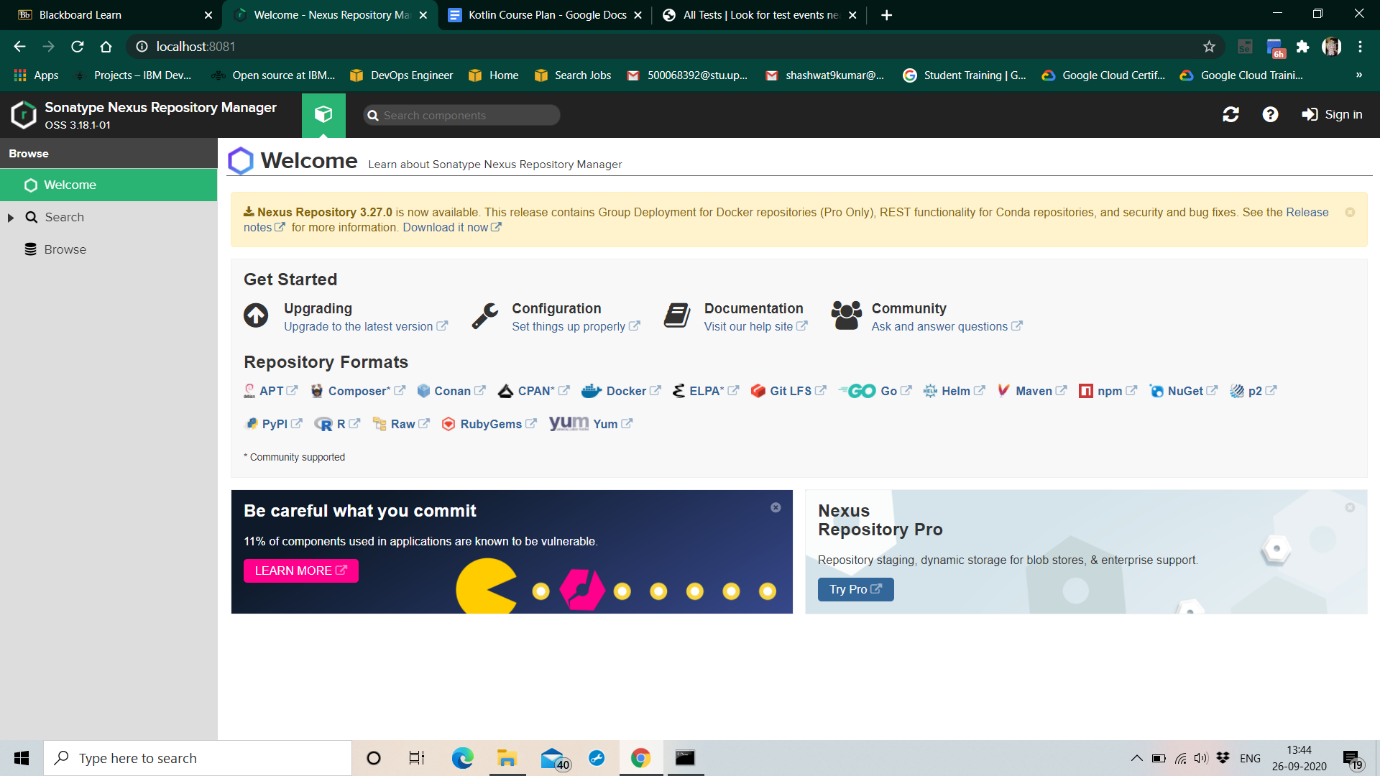
Open the bin folder to find nexus.exe file

Open command prompt in the same folder and run the following command :

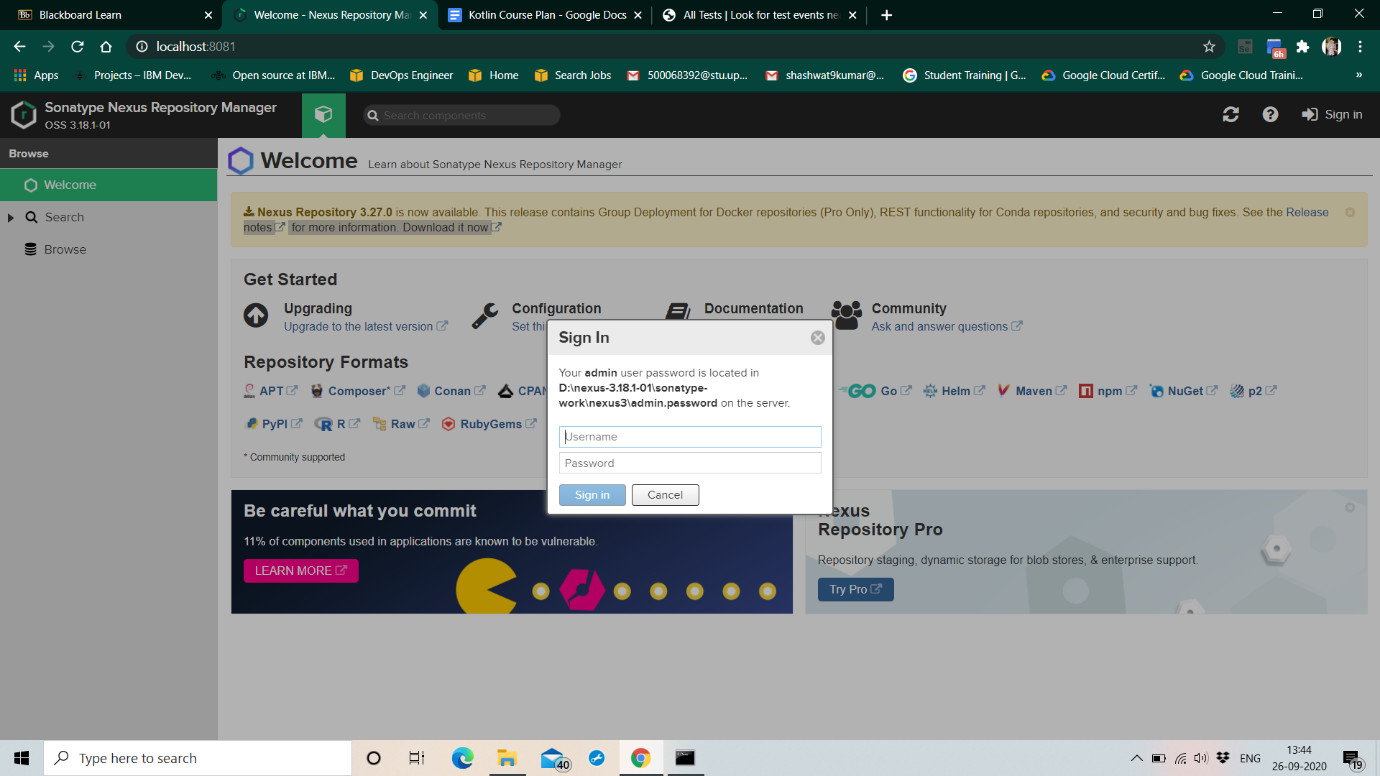
Nexus.exe /run



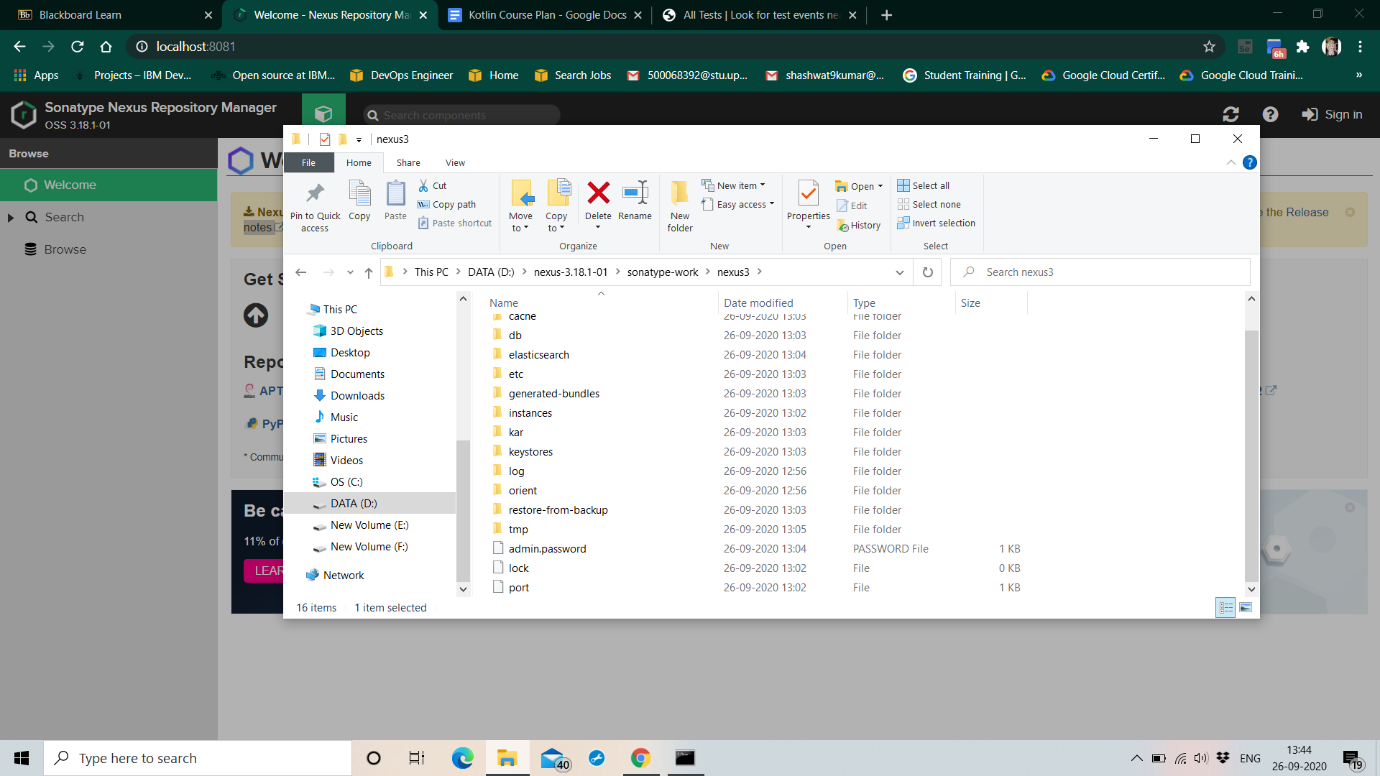
Once the command runs head to localhost:8081, the port where Nexus server runs



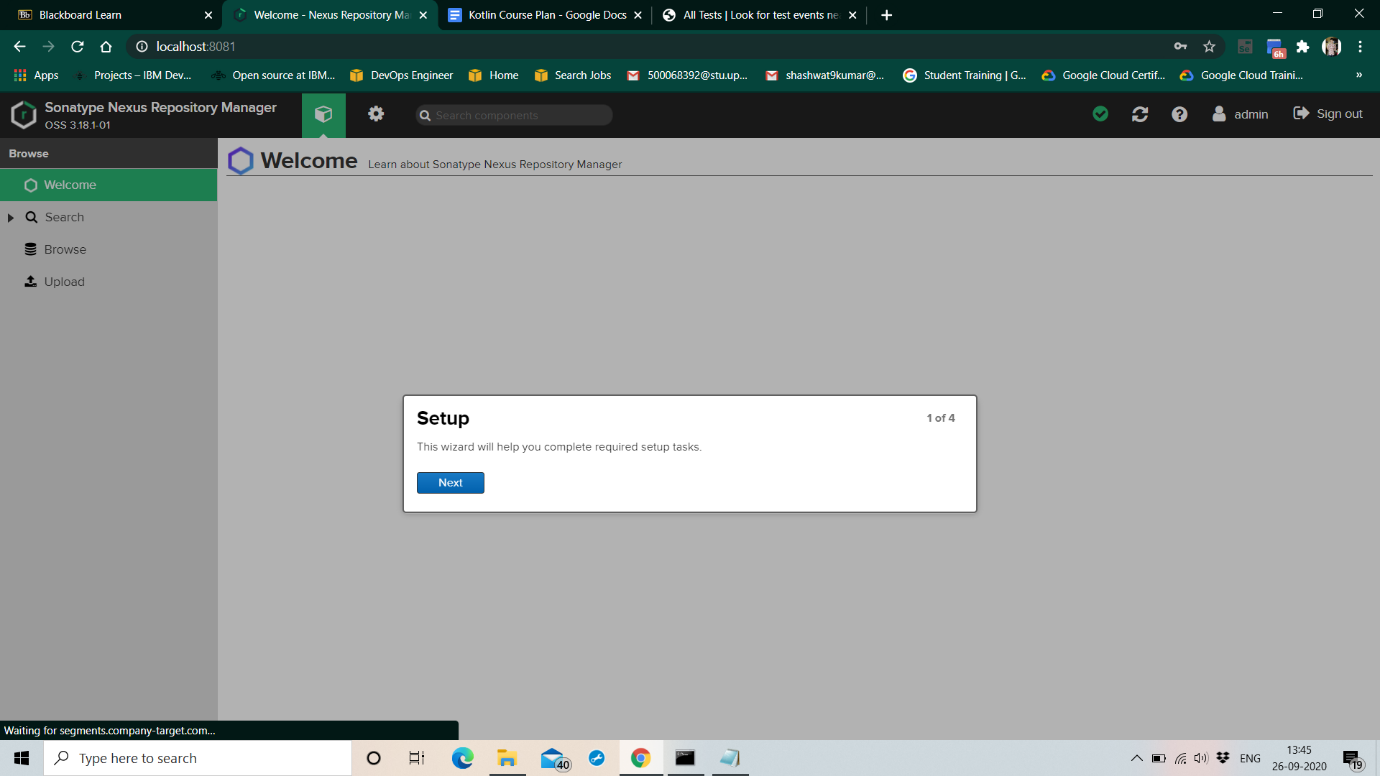
For the first time, nexus requests the admin password already given with the installation.



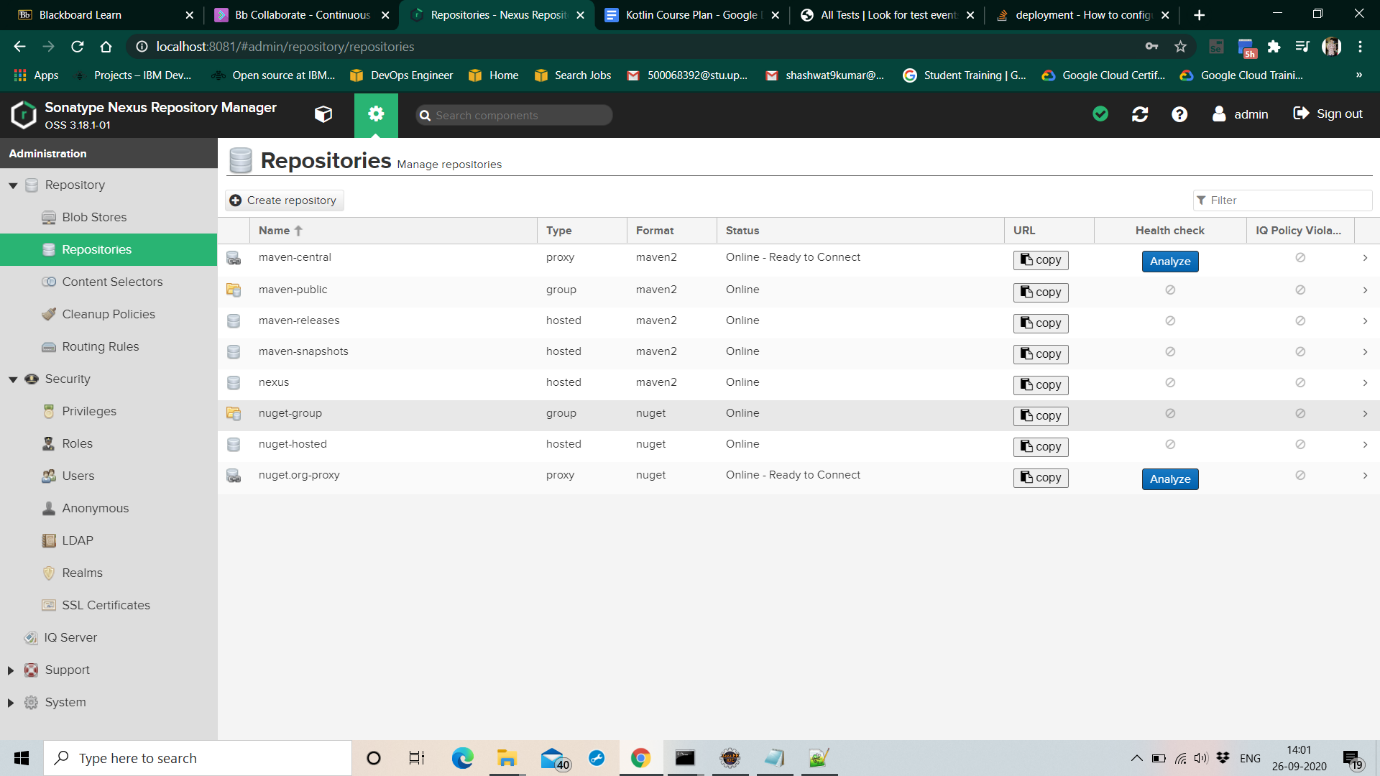
Find the default admin password at the sonatype-works/nexus3/ folder with the name admin.password



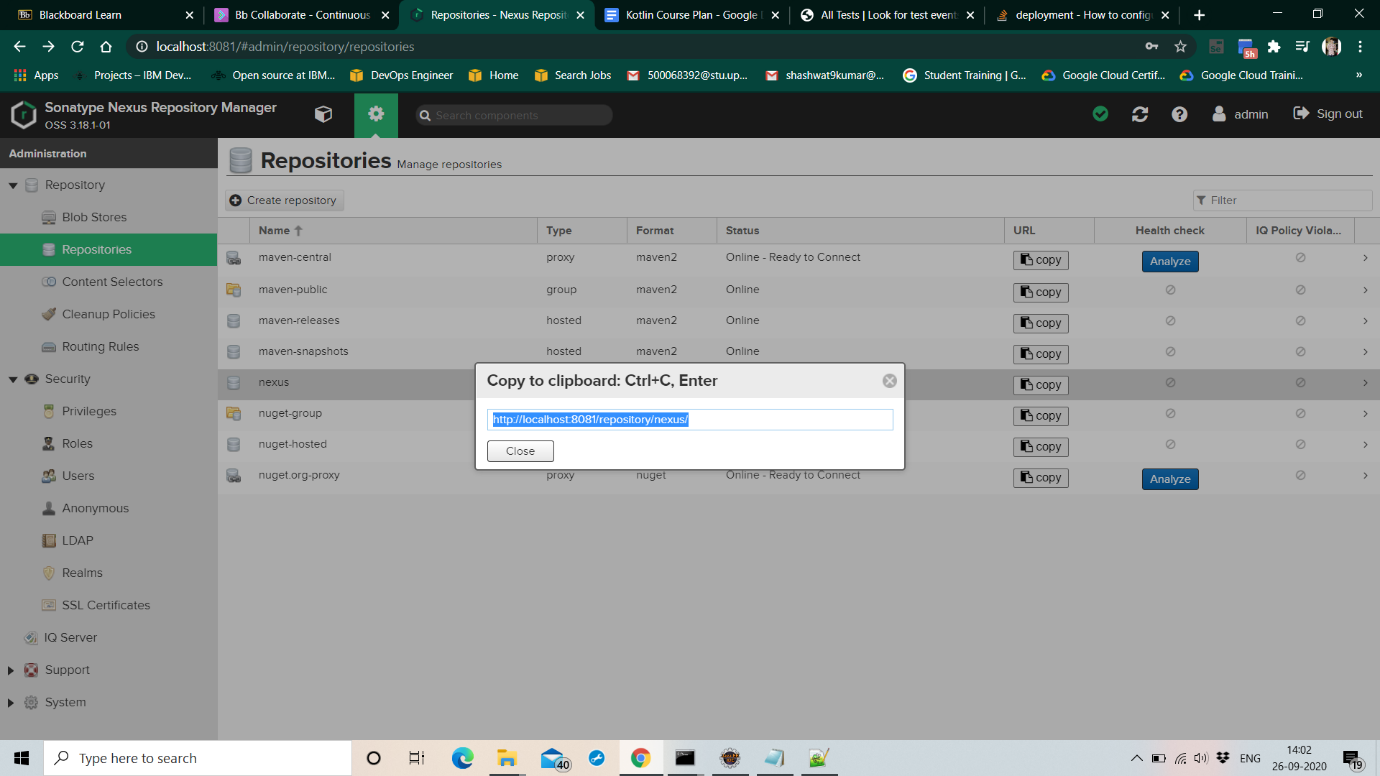
Complete the set-up, to create a new admin username and password and login



On login, Nexus server dashboard should look similar to this

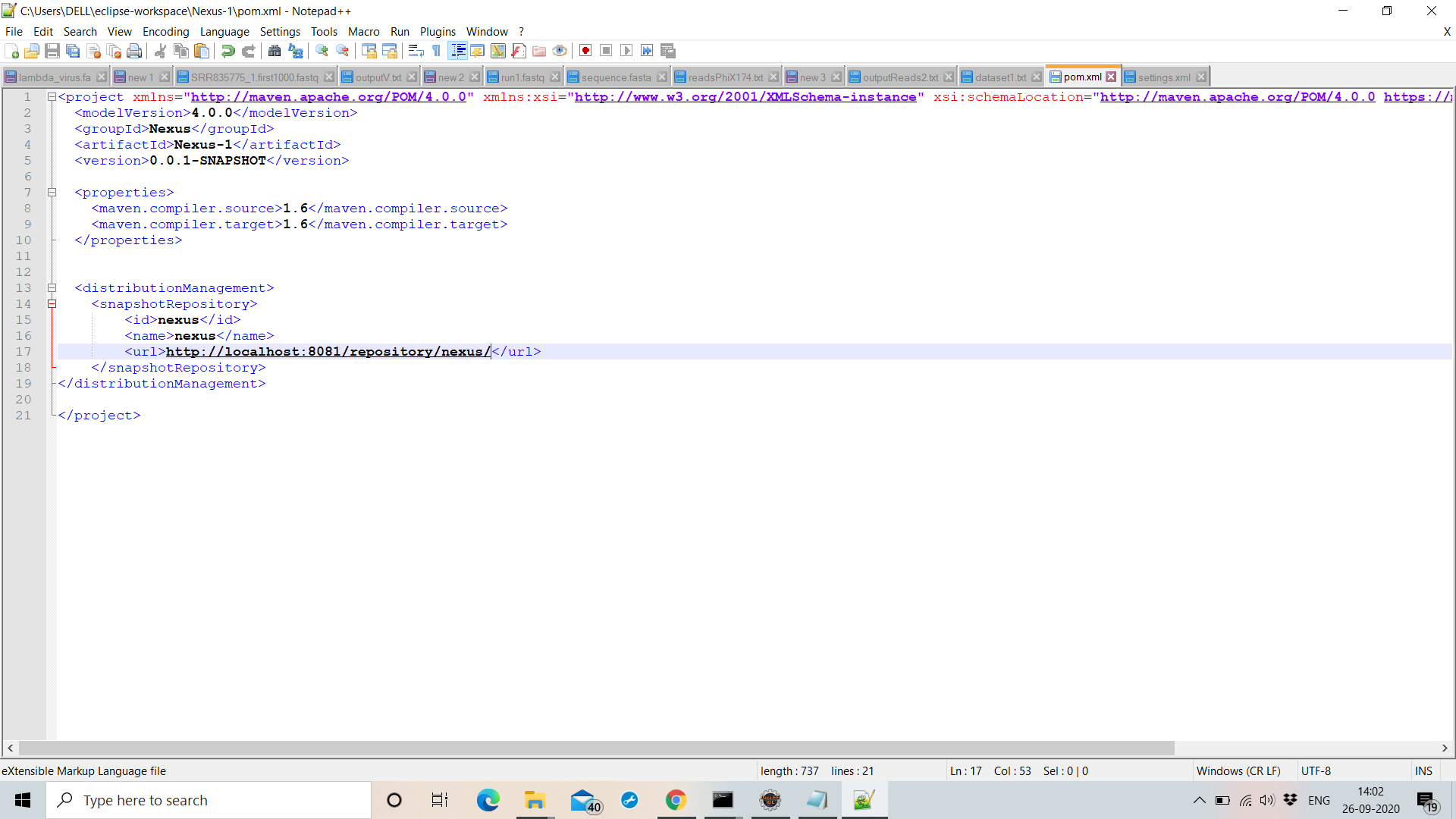


Create a new repository in Nexus (here called “nexus”) and copy its URL



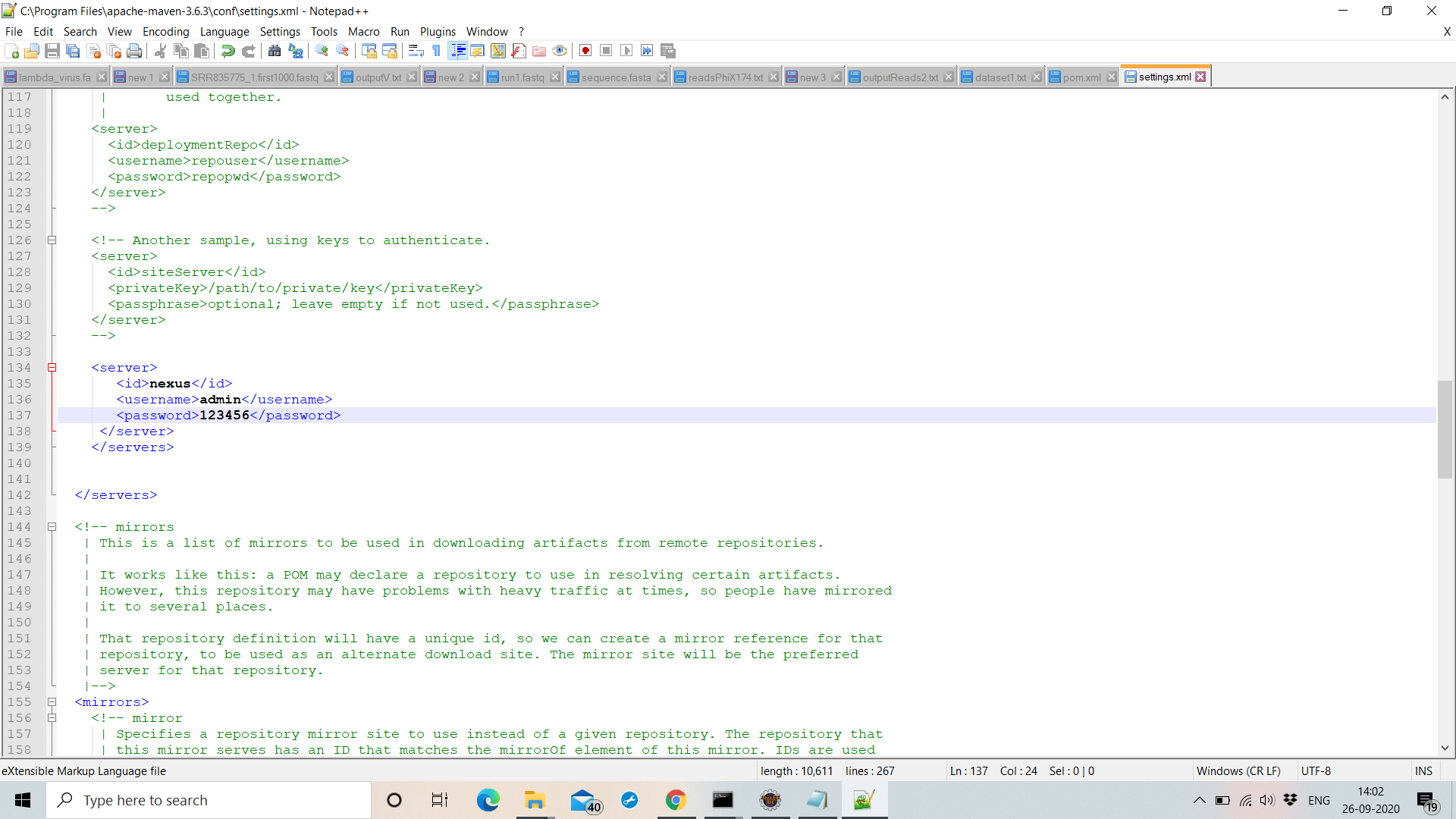
Open the pom.xml of the Maven project to be published to Nexus

Add the snapshotRepository tag into the pom.xml and give the URL of Nexus repository copied

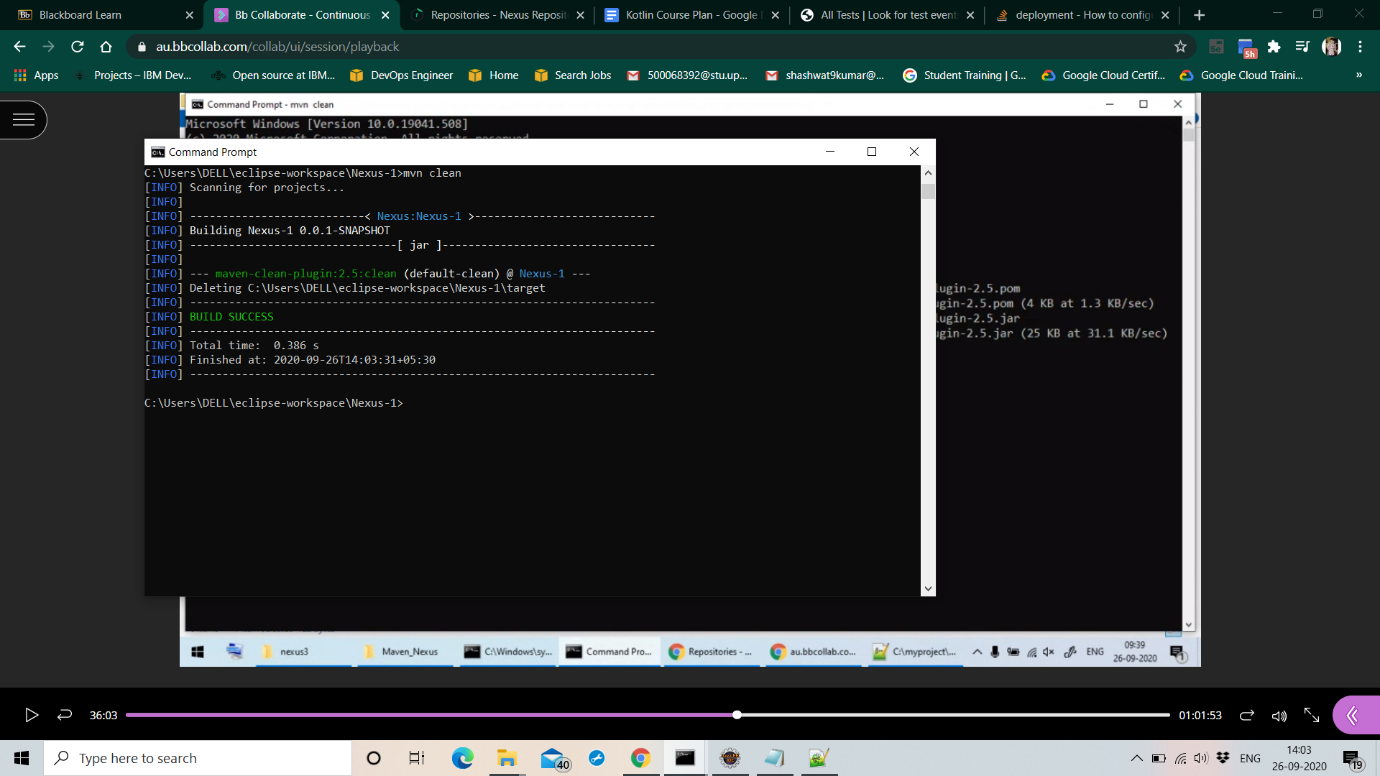


Now, open setting.xml in the “apache-maven-3.6.3” folder

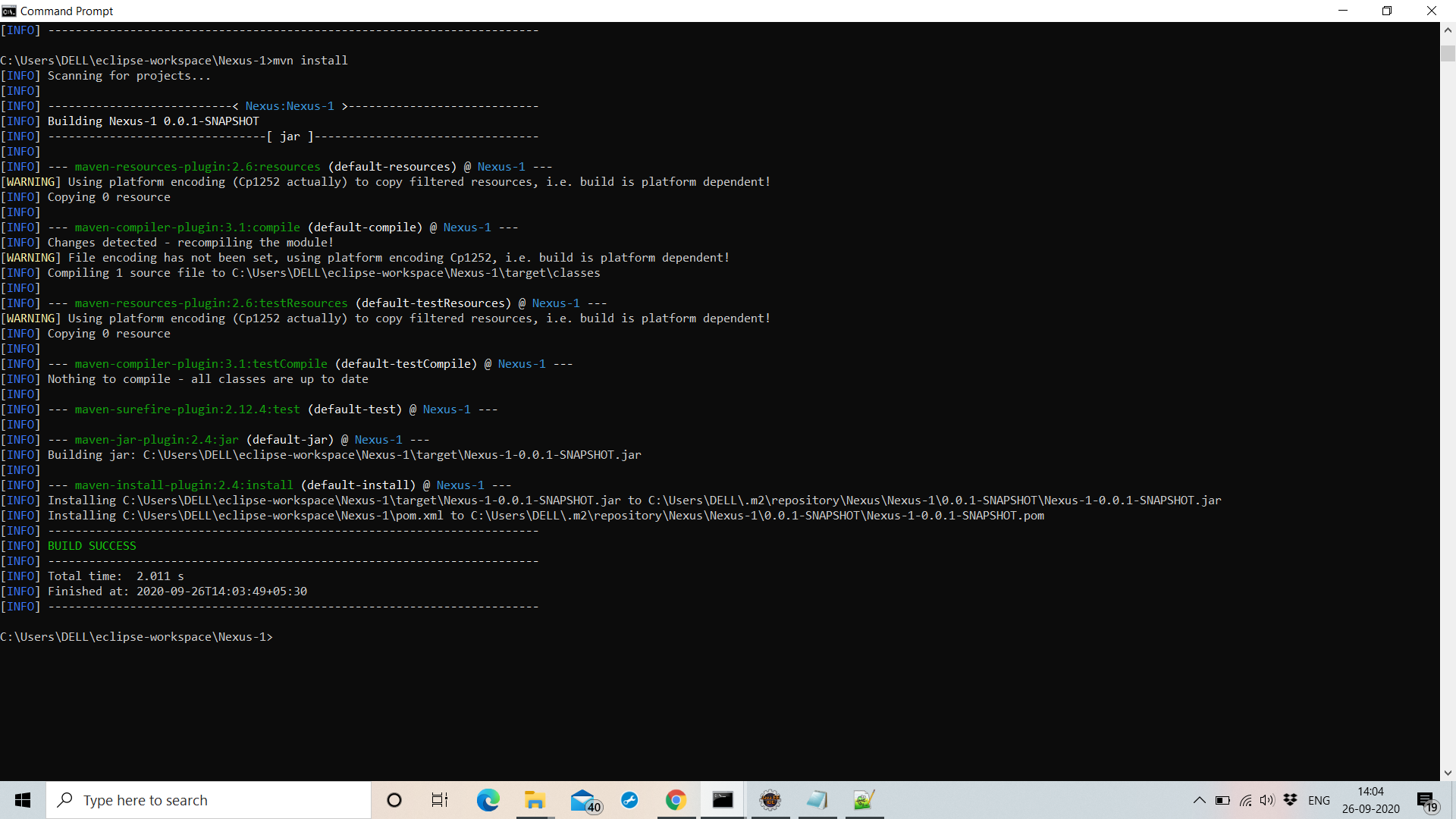
Add the tag of server with the required credentials



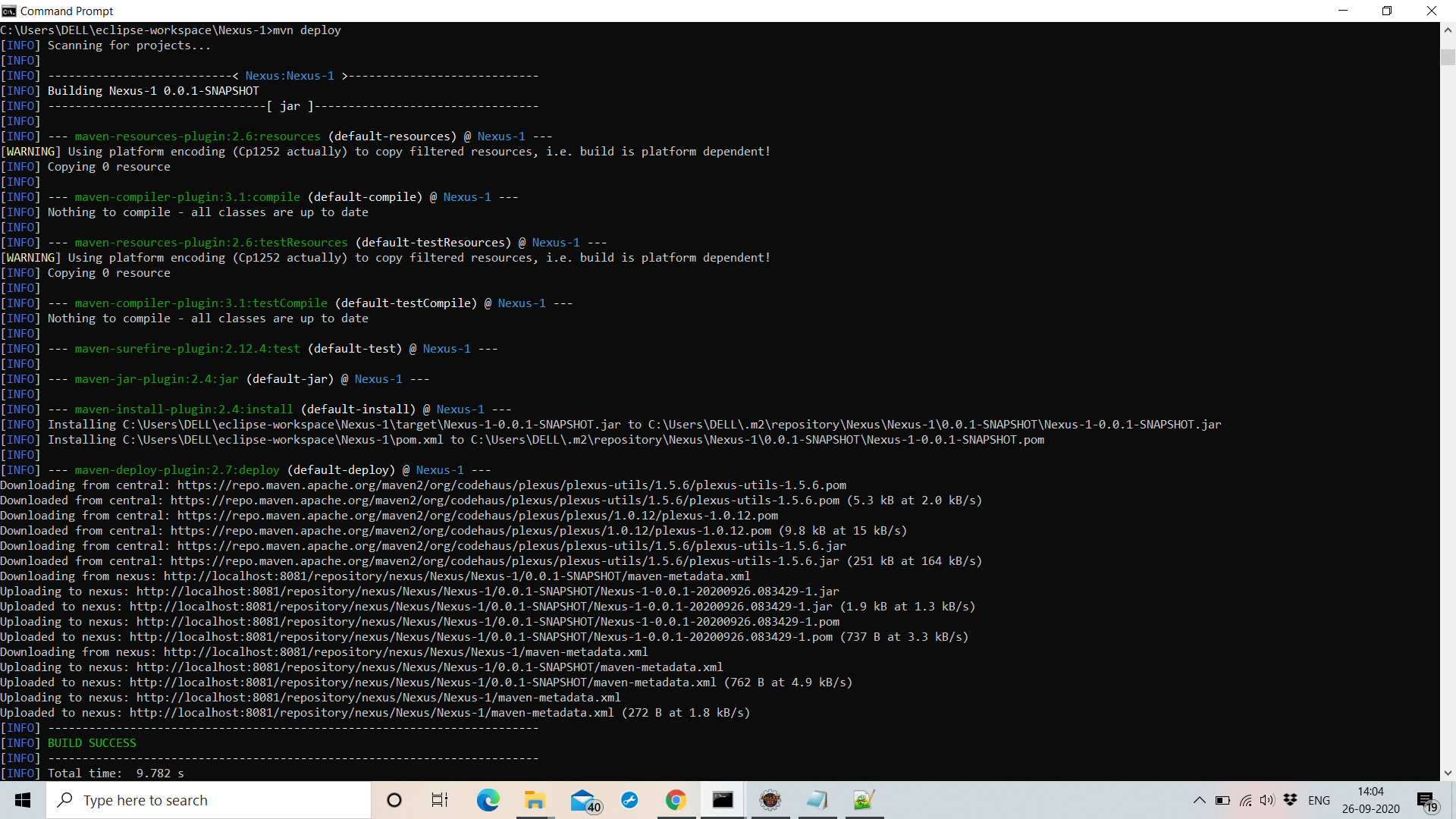
To check the working of the maven project, open it in the command prompt and run “mvn clean”, “mvn install”, etc. command on it



Run “mvn deploy” to deploy the built jar on the Nexus server



The command should run successfully, if no errors exist in the project.



Browse the Nexus repository now to see the deployed jar

