

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

**CONTINOUS INTEGRATION**

**AND**

**CONTINOUS DELIVERY**

**Experiment**

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**Course: B. TECH CSE DevOps (2018-22)**

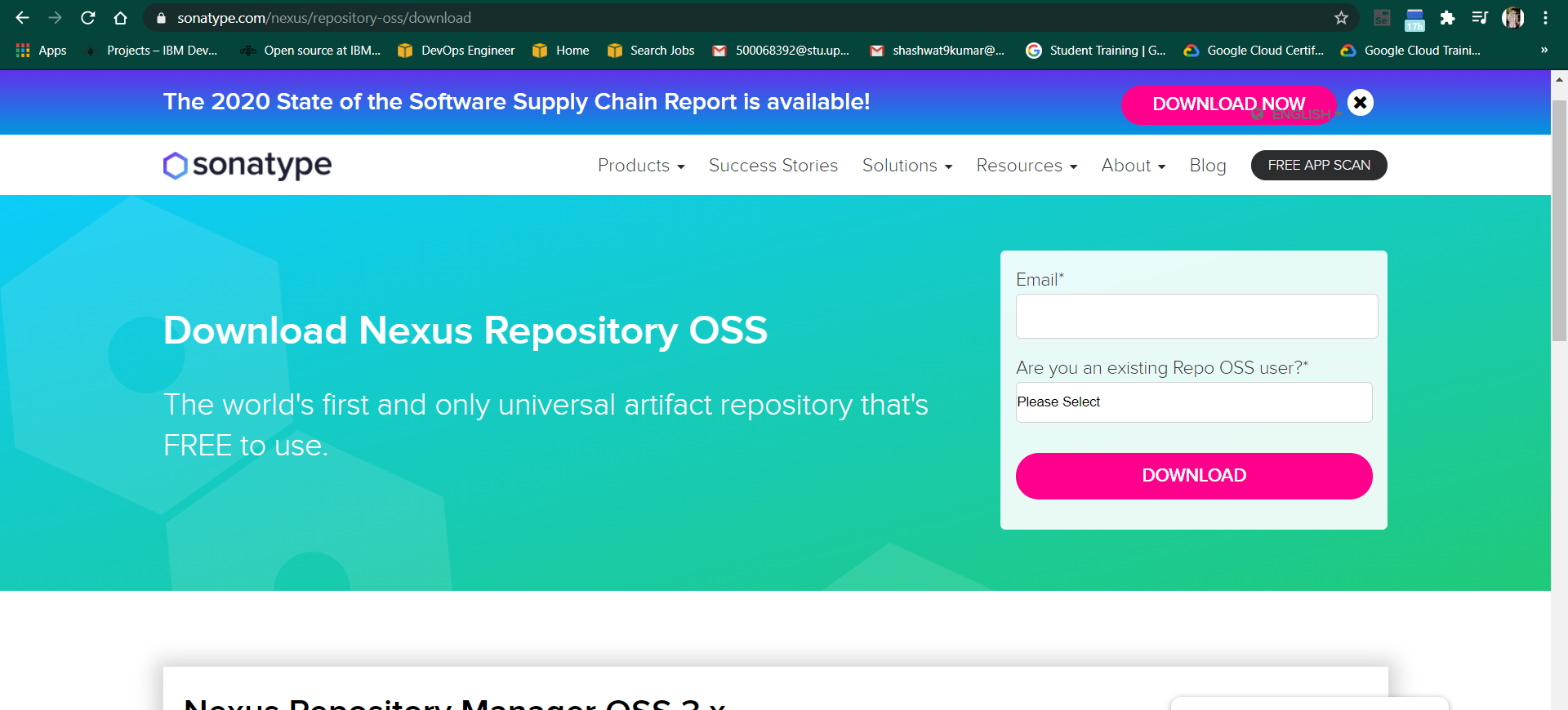
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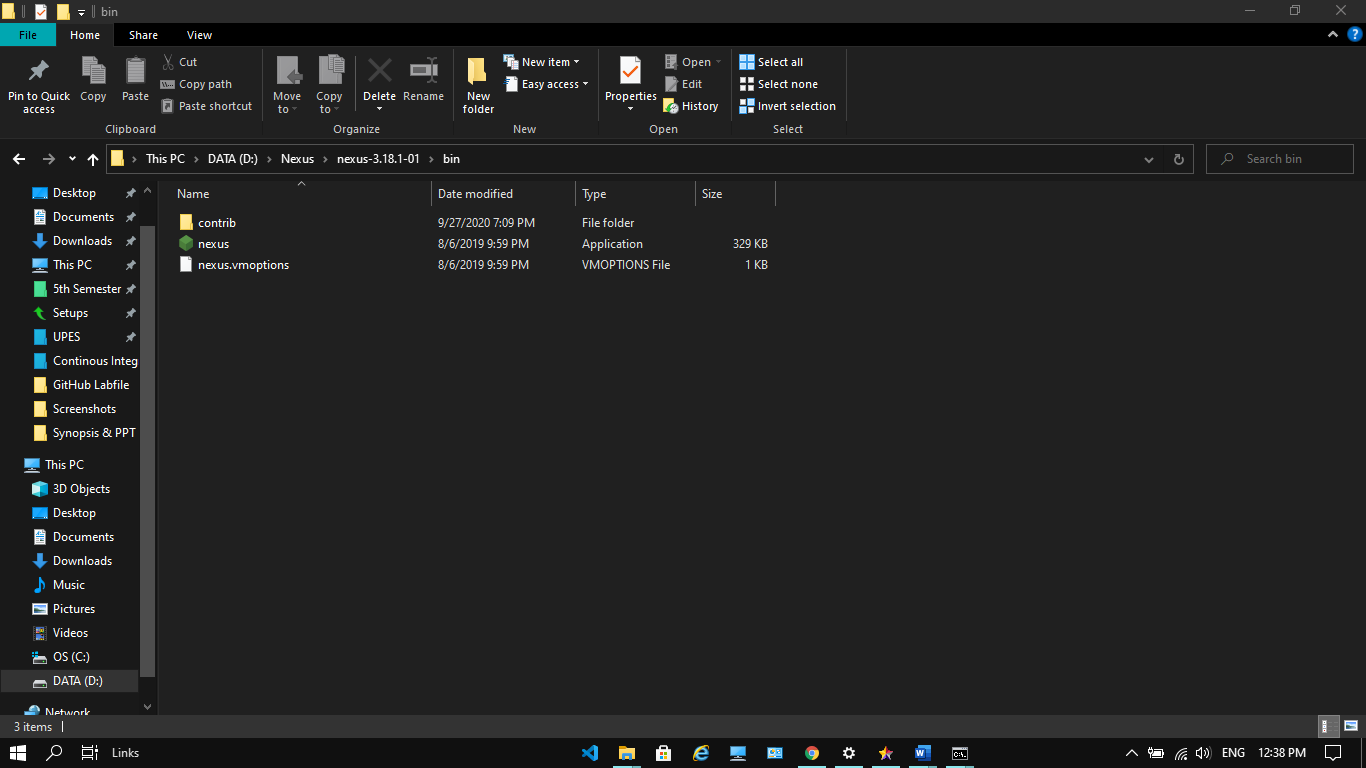
**Experiment-9**

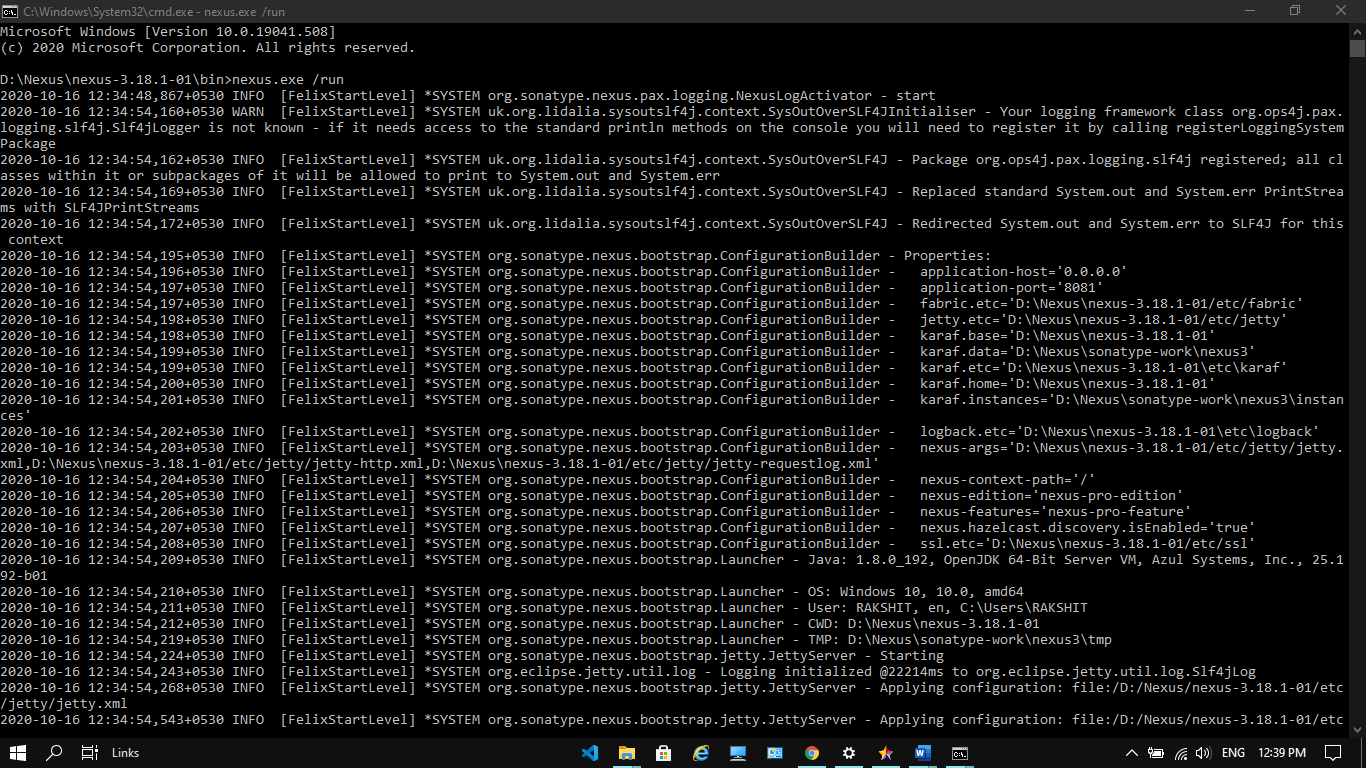
**Uploading artifacts on Nexus server using command line**

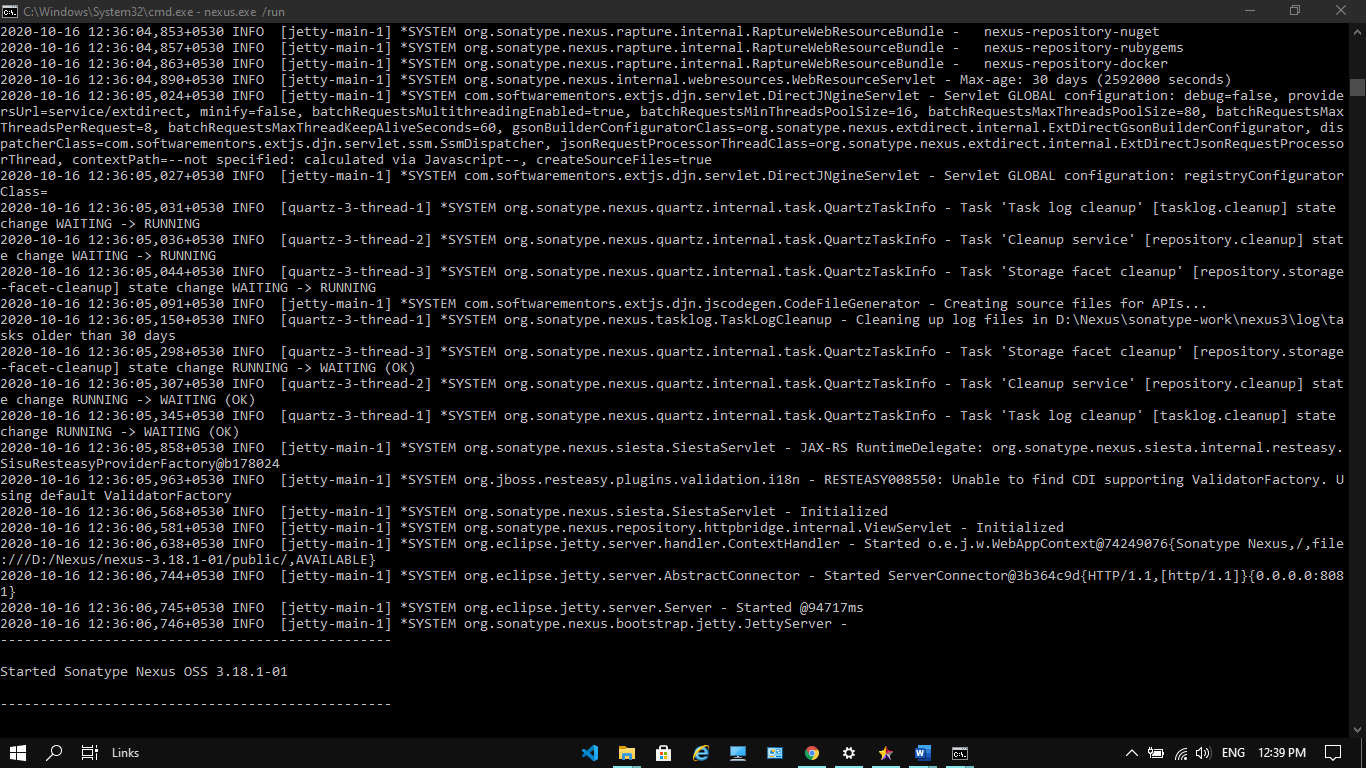
**Step-1:** to download nexus server go to <https://www.sonatype.com/nexus/repository-oss/download>



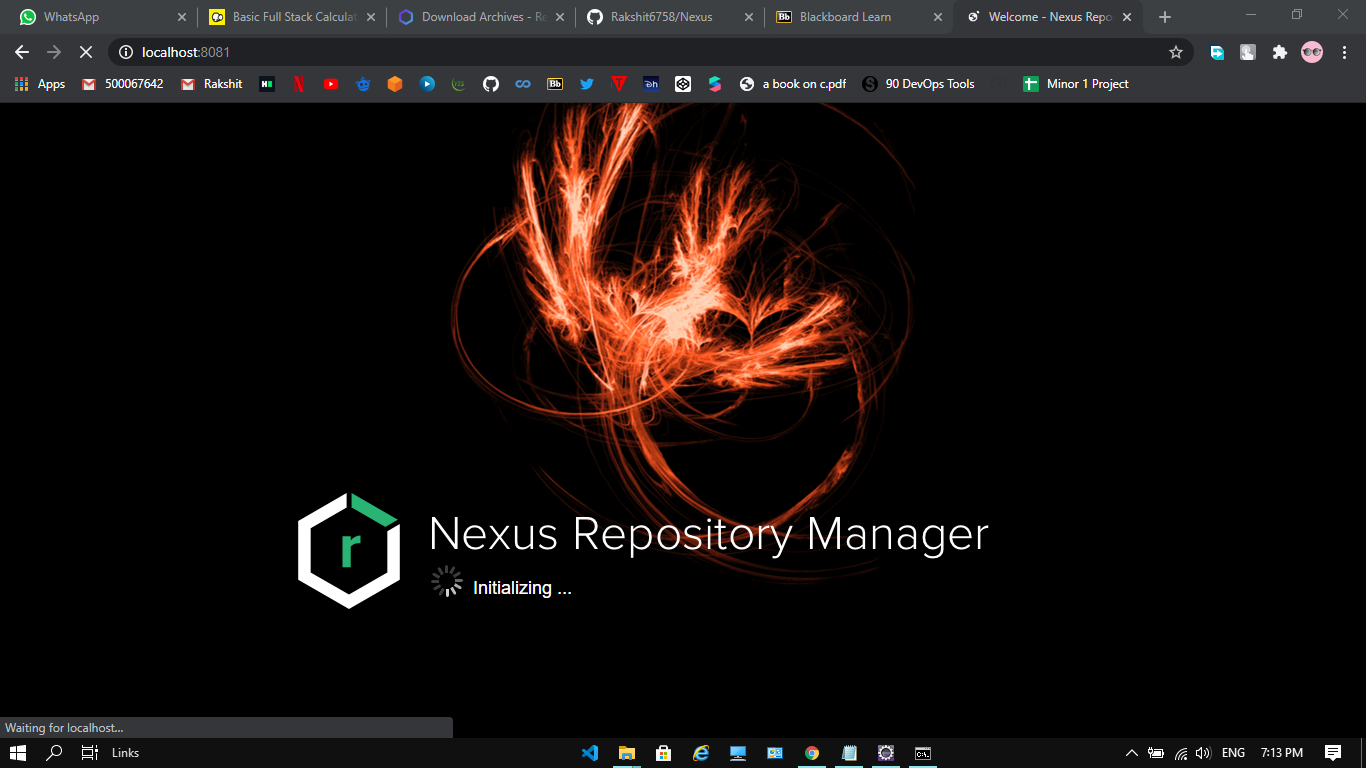
**Step-2:** Go to the location where nexus is installed. Open the bin folder to find nexus.exe file. Open command prompt in the same folder and run the following command : Nexus.exe /run



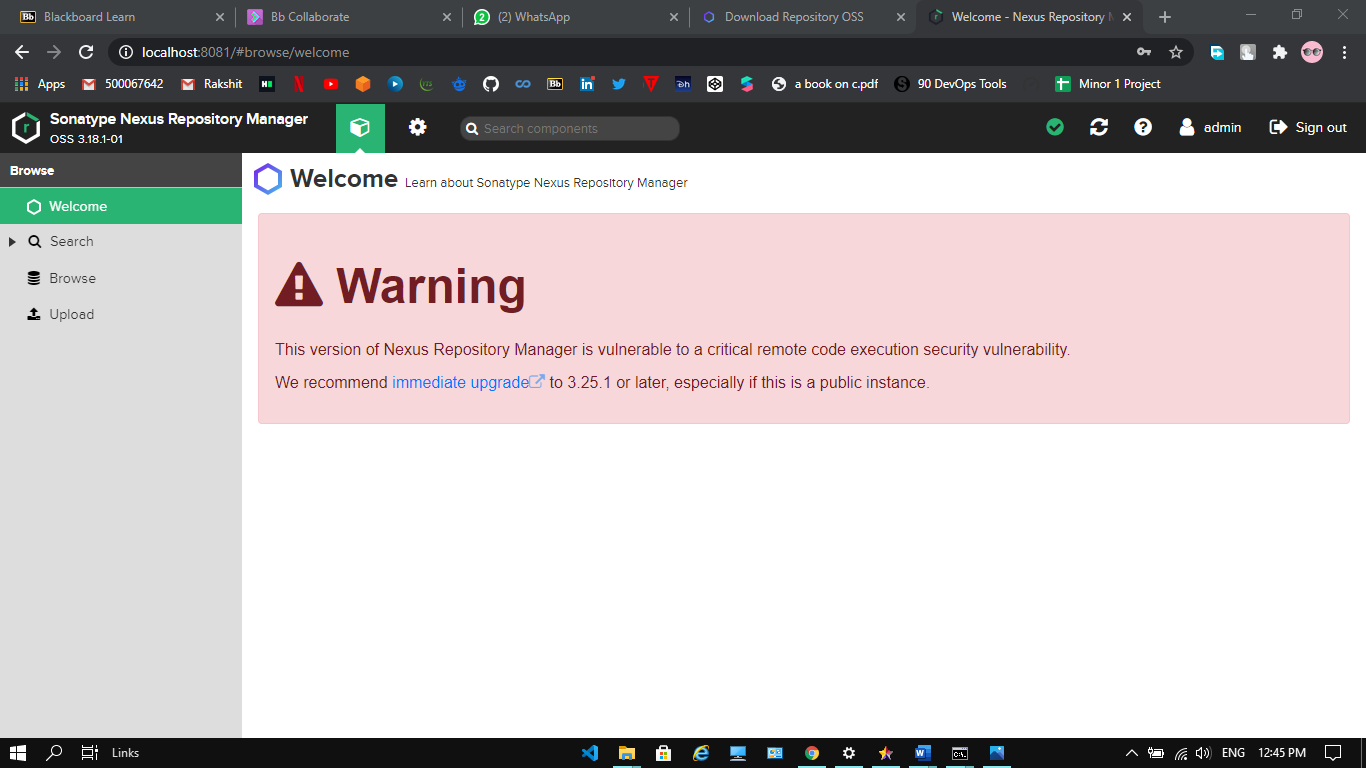




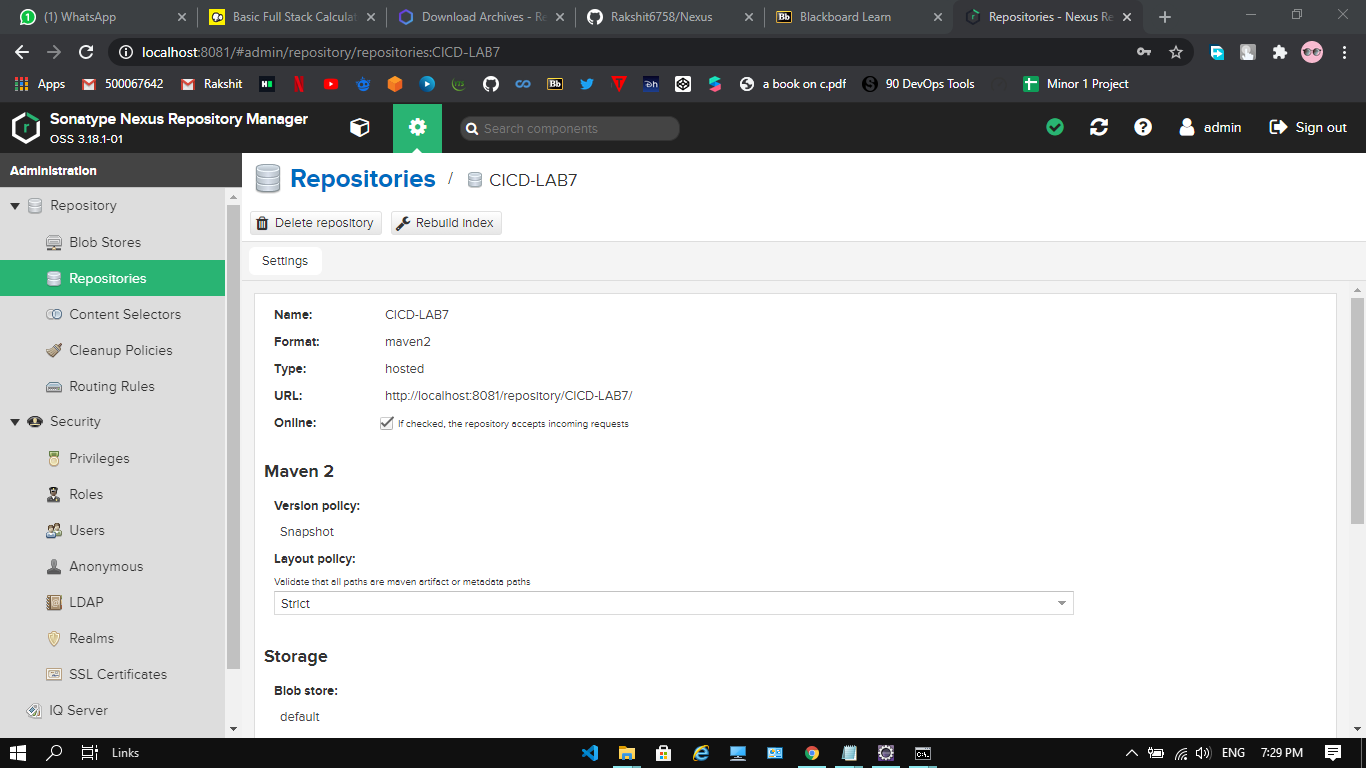
**Step-3:** Once the command runs head to localhost:8081, the port where Nexus server runs

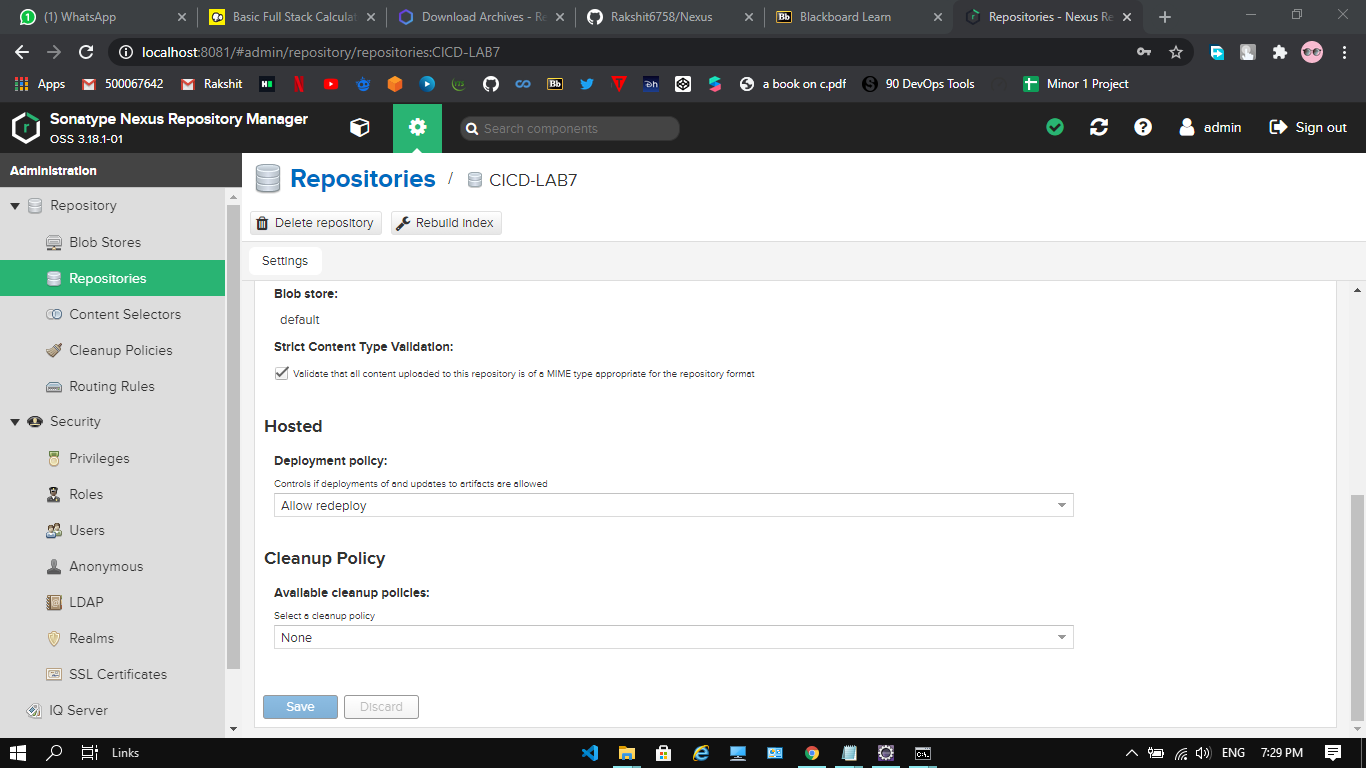


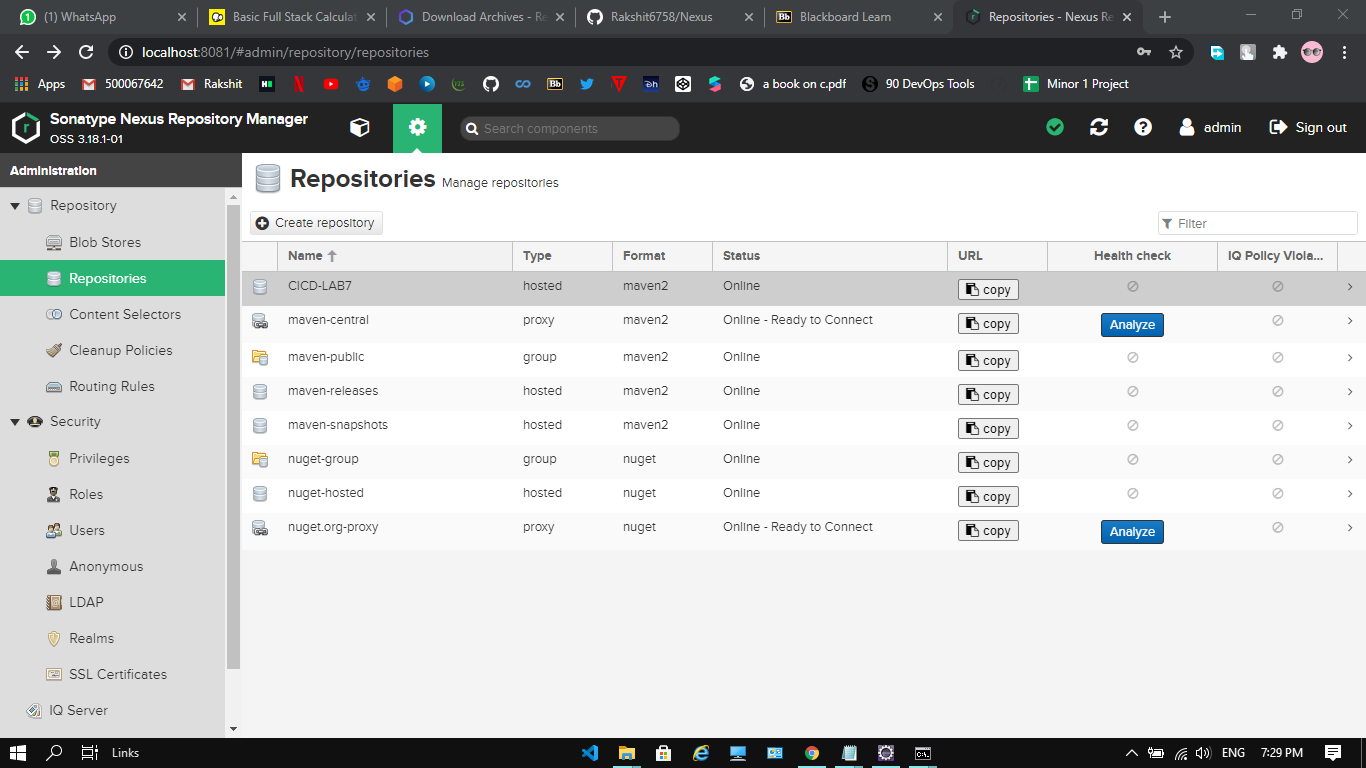
**Step-4:** Complete the set-up, to create a new admin username and password and login



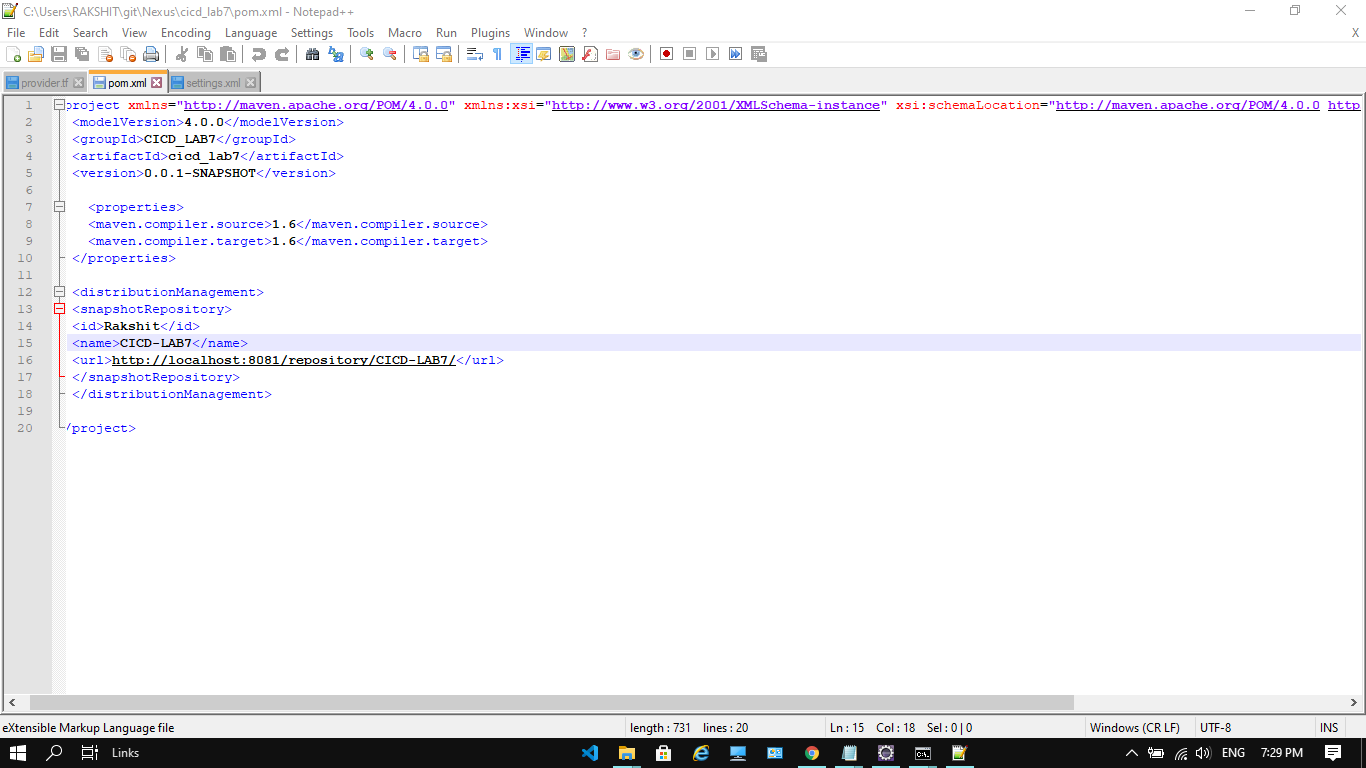
**Step-5:** Create a new repository in Nexus (here called “CICD-LAB7”) and copy its URL



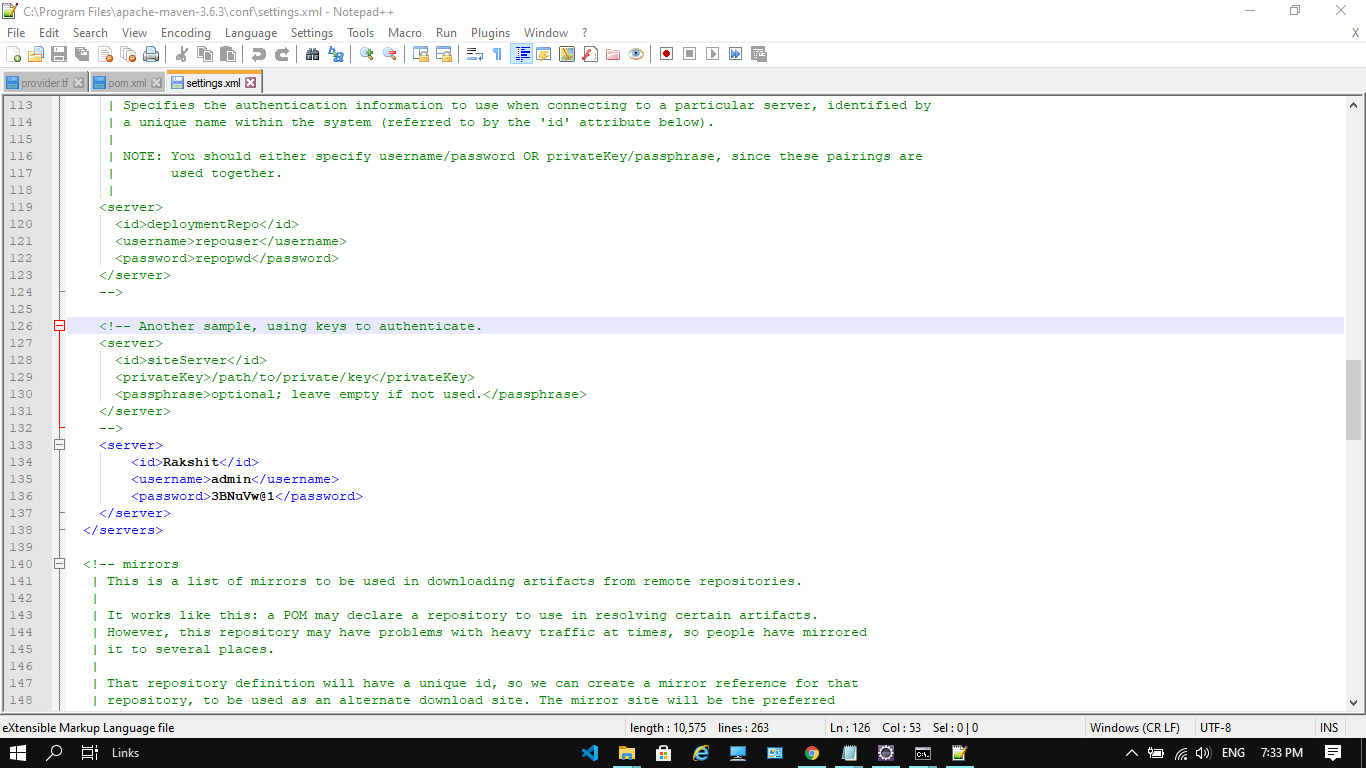




**Step-6:** Open the pom.xml of the Maven project to be published to Nexus. Add the snapshotRepository tag into the pom.xml and give the URL of Nexus repository copied.

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**Step-7:** Now, open setting.xml in the “apache-maven-3.6.3” folder. Add the tag of server with the required credentials.

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**Step-8:** To check the working of the maven project, open it in the command prompt and run “mvn clean”, “mvn install”, etc. command on it

**Step-9:** Run “mvn deploy” to deploy the built jar on the Nexus server

**Step-10:** Browse the Nexus repository now to see the deployed jar

