## **Experiment 7**

**Aim**: To understand Static Analysis SAST process and learn to integrate Jenkins SAST to SonarQube/GitLab. Step-1: Open up Jenkins Dashboard on localhost, port 8080 or whichever port it is at for you.

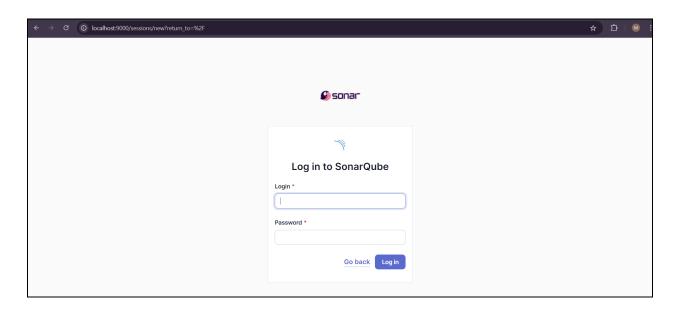
#### Step 1:

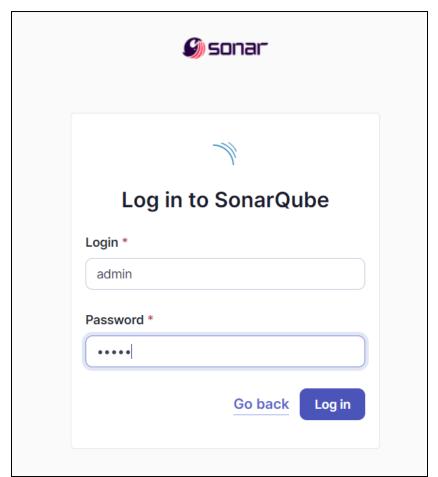
First start docker desktop

Then run the command in windows powershell -

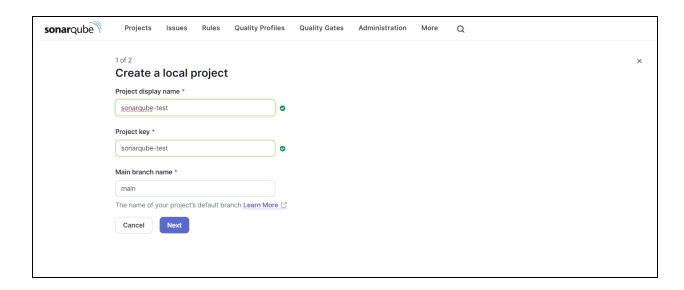
docker run -d --name sonarqube -e SONAR\_ES\_BOOTSTRAP\_CHECKS\_DISABLE=true -p 9000:9000 sonarqube:latest

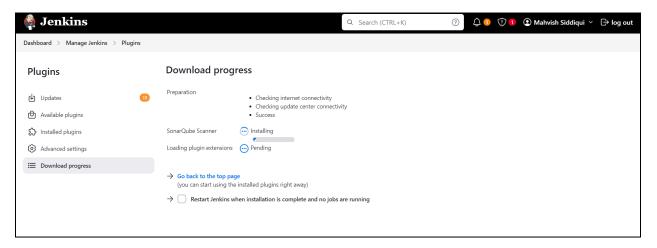
Go to localhost:9000/ in your browser





Go to local project and create new

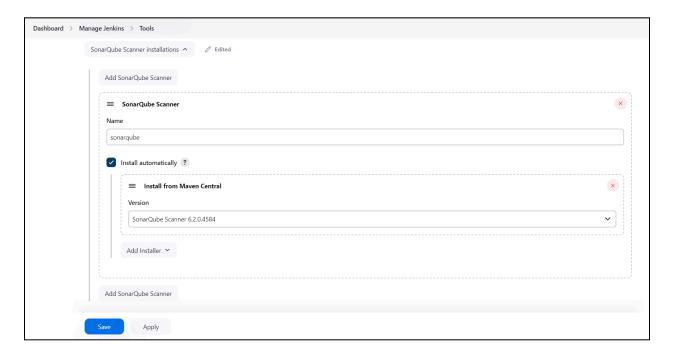




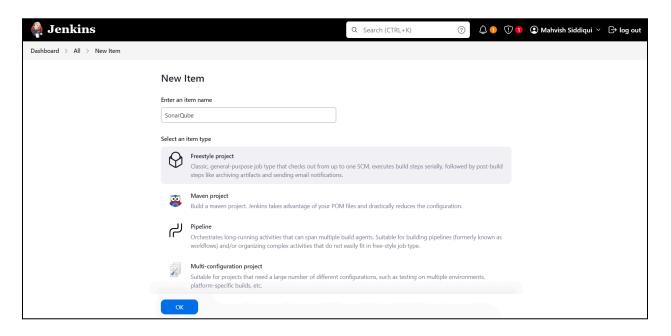
Go to jenkins and then manage jenkins, scroll down



# Go to jenkins and then tools

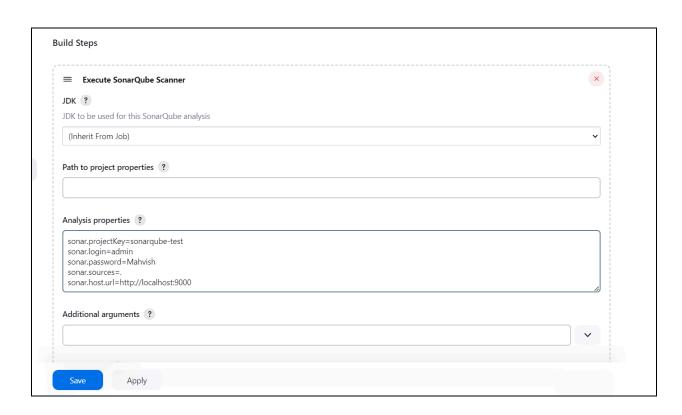


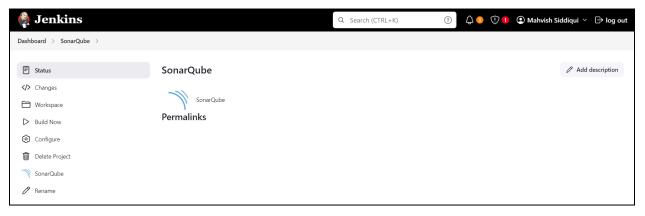
### Create a new Freestyle project



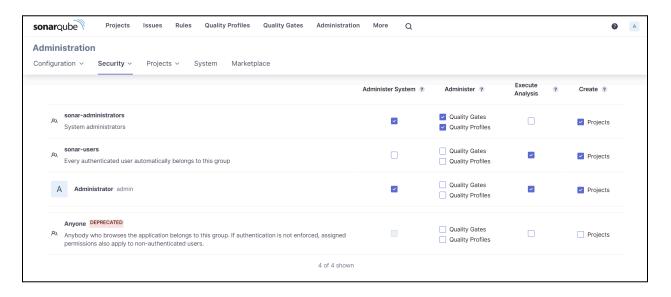


Go to 'add build steps' and select SonarQube Scanner

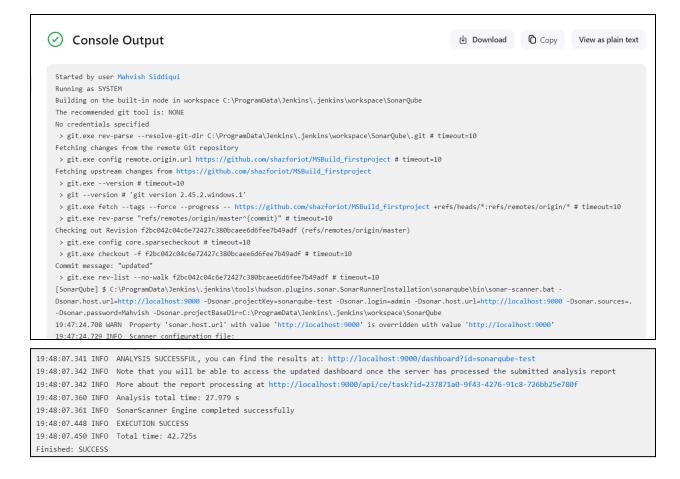




#### Go to <a href="http://localhost:9000/admin/permissions">http://localhost:9000/admin/permissions</a>







#### Visit the following URL to see the result -

http://localhost:9000/dashboard?id=sonarqubetest&codeScope=overall

