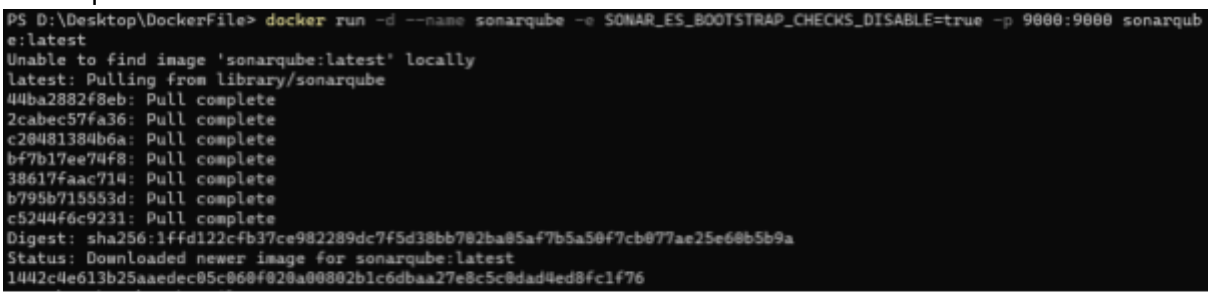
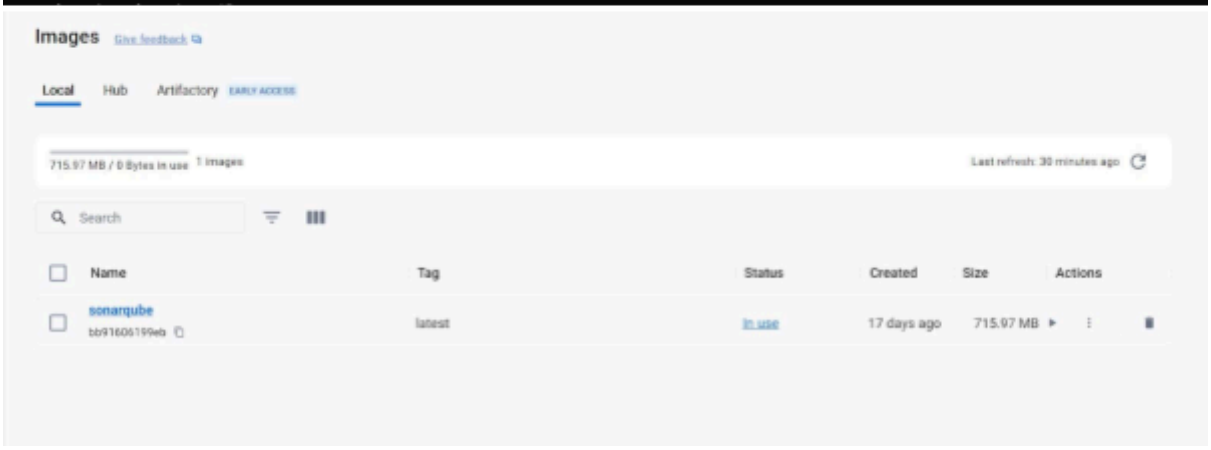
Vedang Wajge D15A 66

Experiment No 7

AIM: Installing SonarQube from the Docker Image

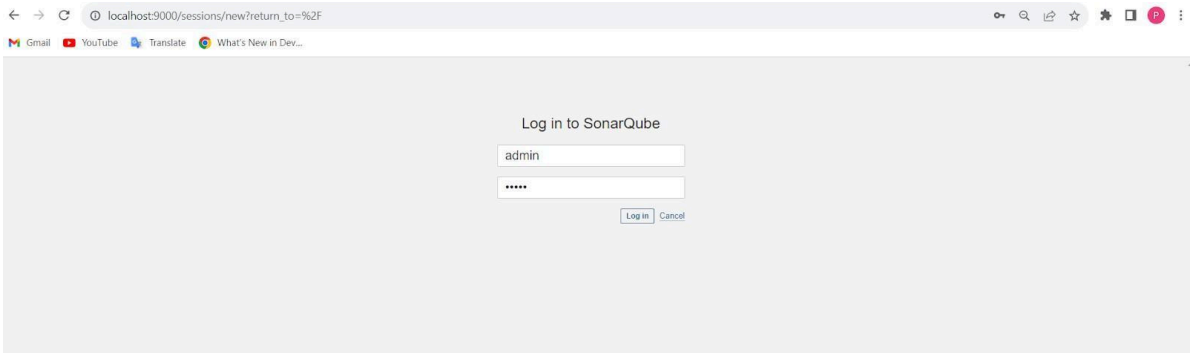
$ docker run -d --name sonarqube -e SONAR_ES_BOOTSTRAP_CHECKS_DISABLE=true -p 9000:9000
Sonarqube:latest



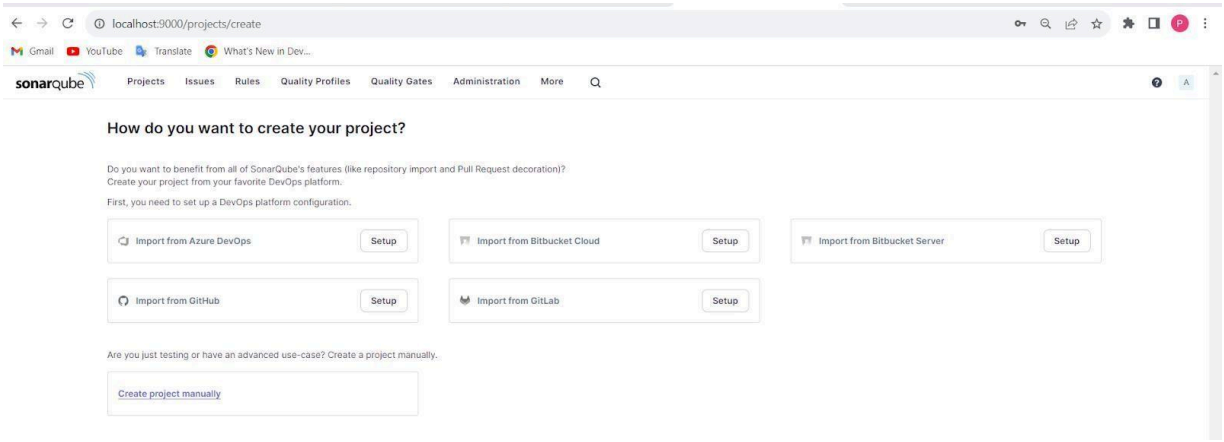


go to the SonarQube page by typing:
http://localhost:9000/ on your browser.

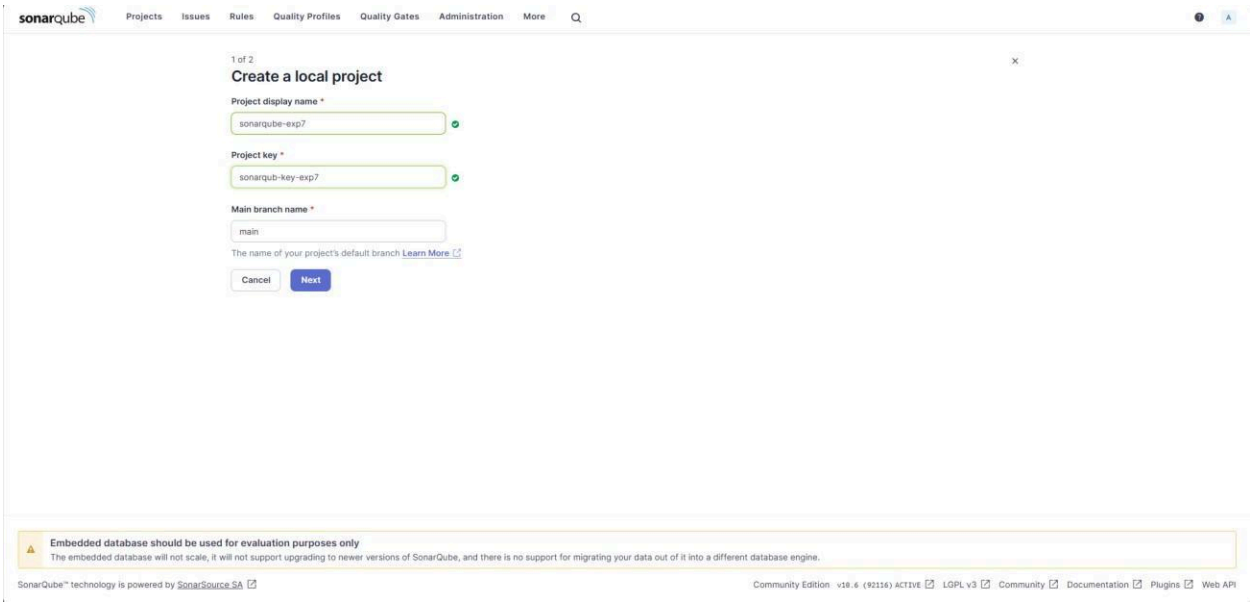
Installation is successful if you see this page

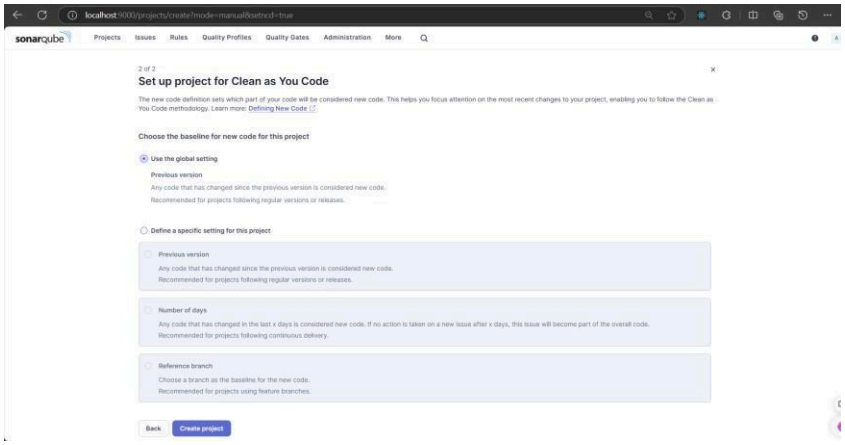


Update to new password

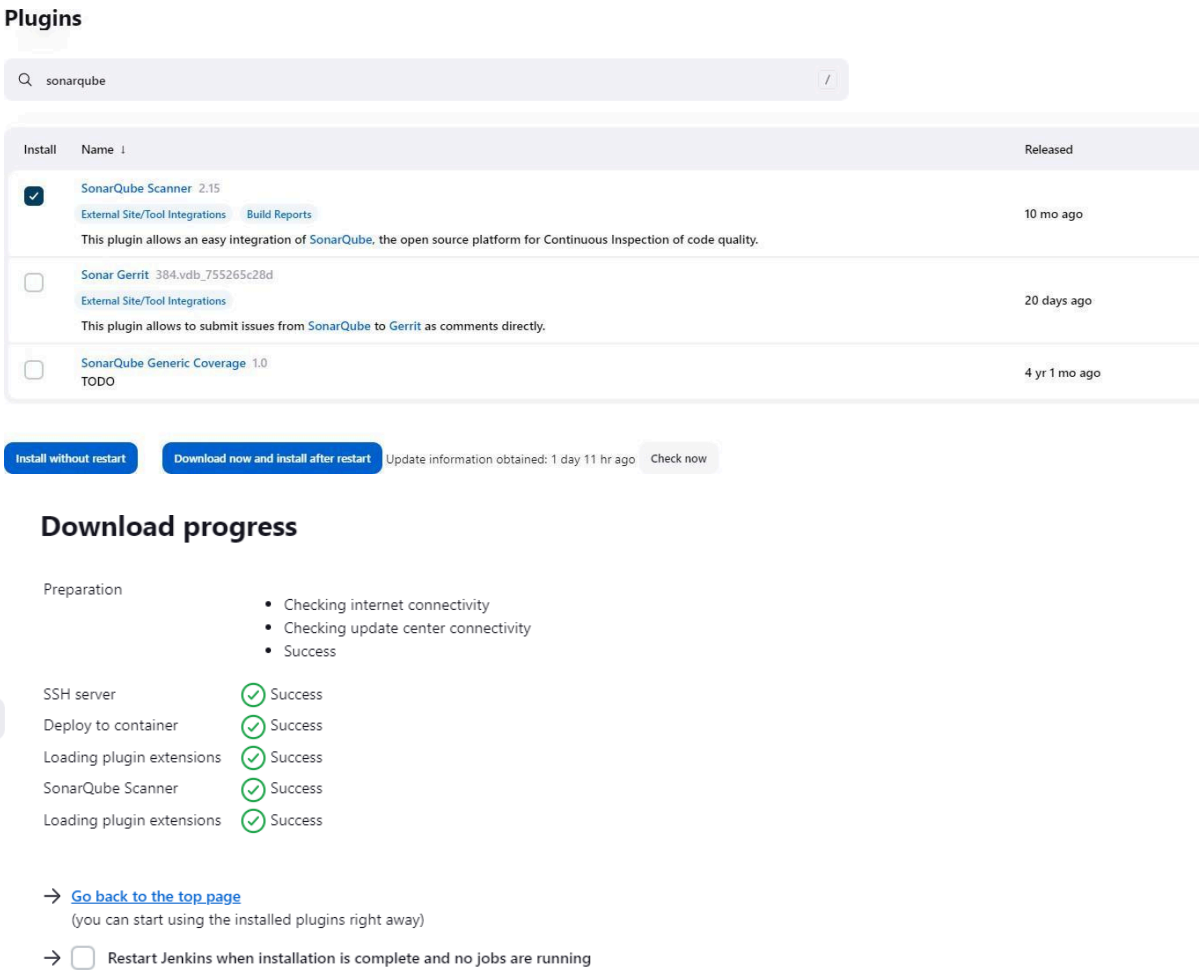


Create project manually: Here project name is “AdDevops”

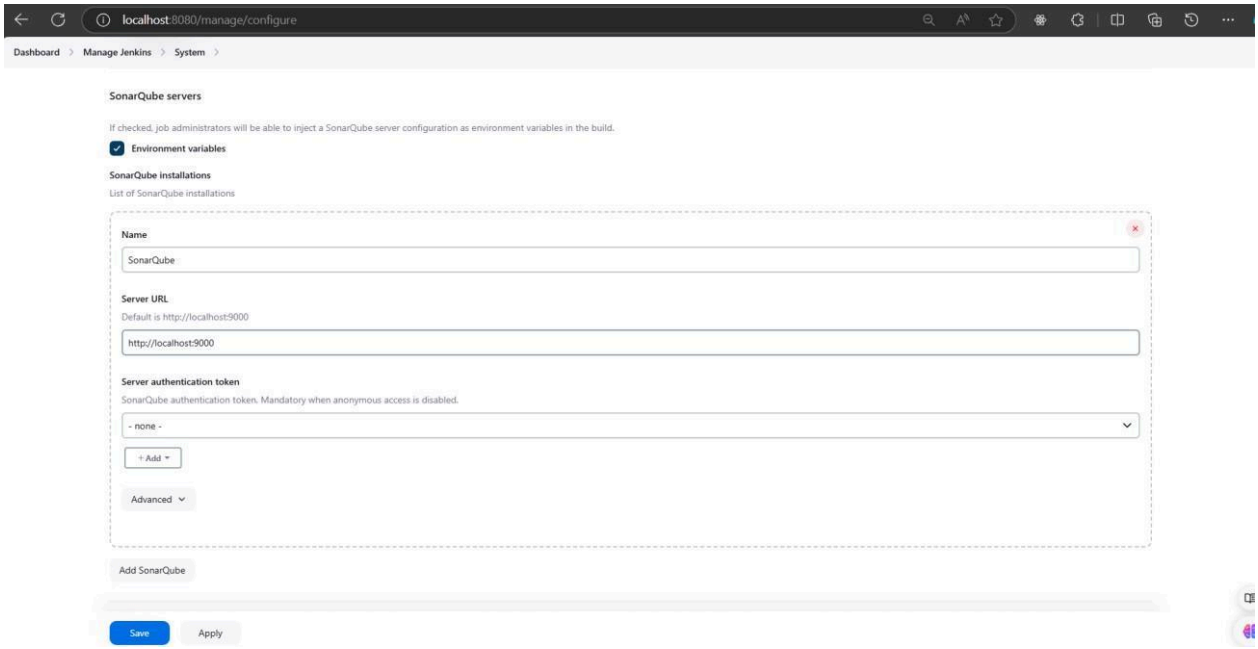




open Jenkins
Go to Dashboard ->Manage Jenkins -> Plugin Manager and search for SonarQube Scanner under Available plugins for Jenkins and install without restart.

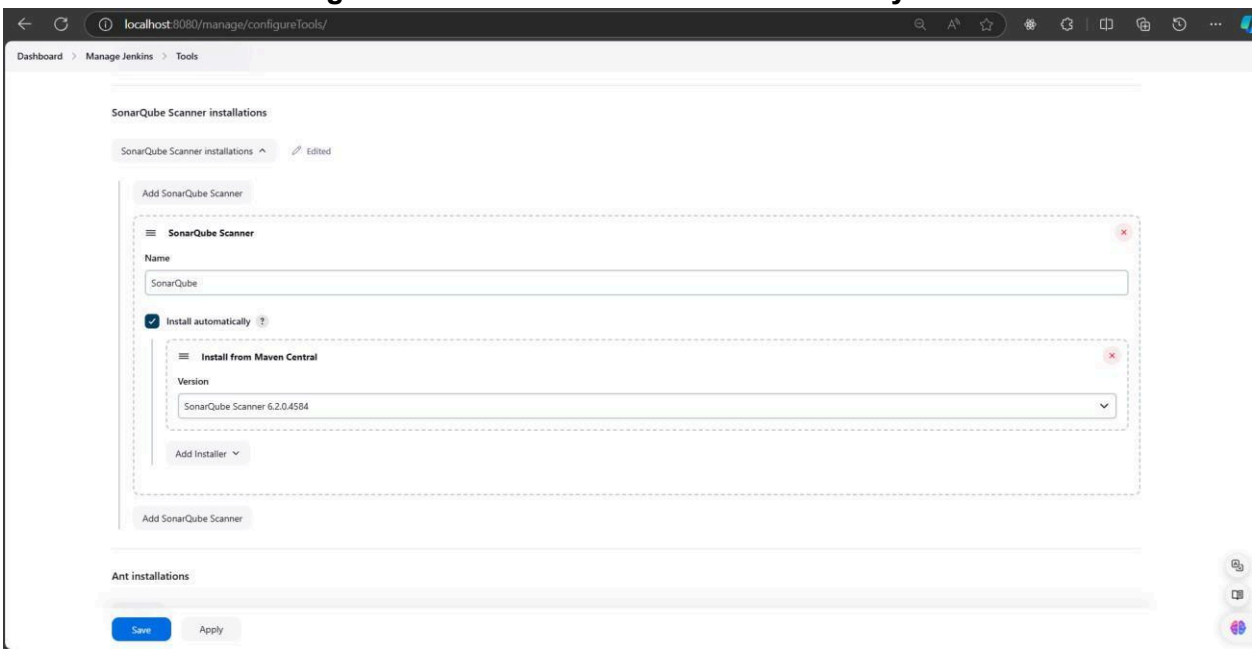


Under Jenkins ,
Dashboard -> Manage Jenkins -> Configure System ,
Look for SonarQube Servers and enter the details. Enter the Server Authentication Token if needed.

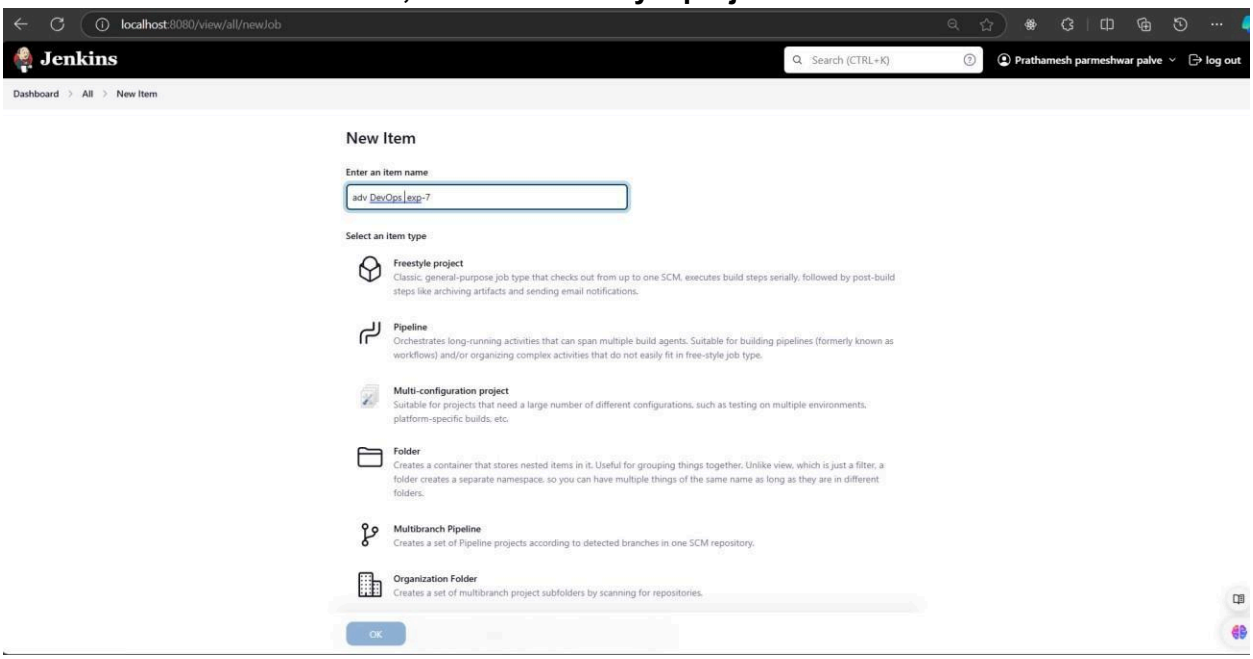


Search SonarQube Scanner under Dashboard -> Manage Jenkins -> Global Tool Configuration.

Choose the latest configuration and choose Install Automatically.

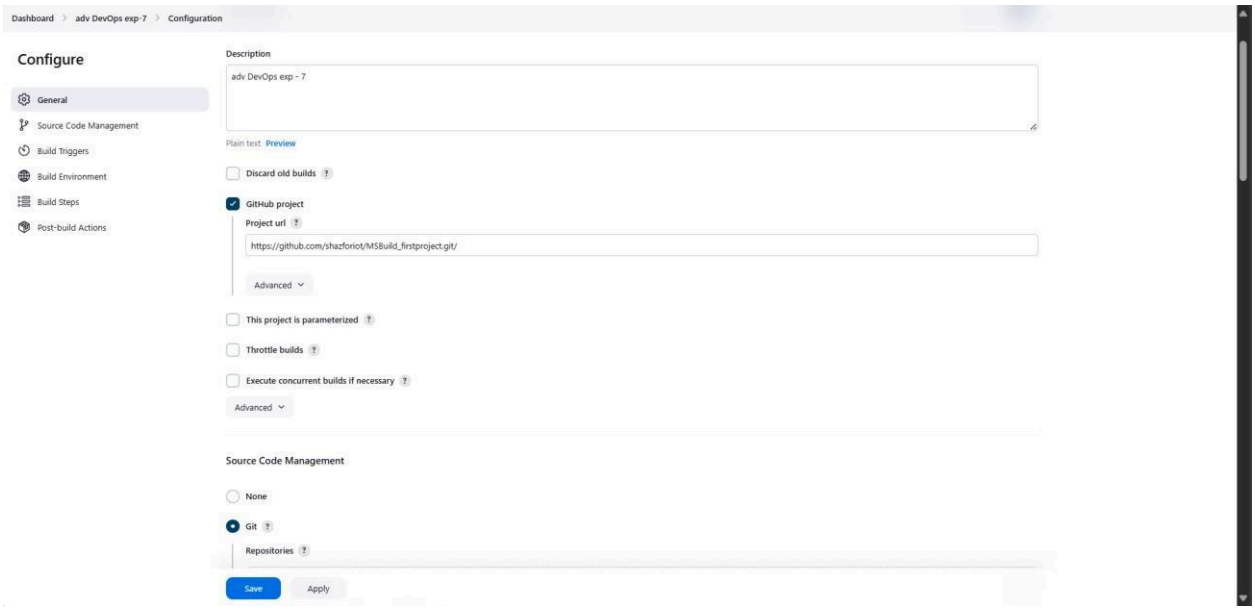


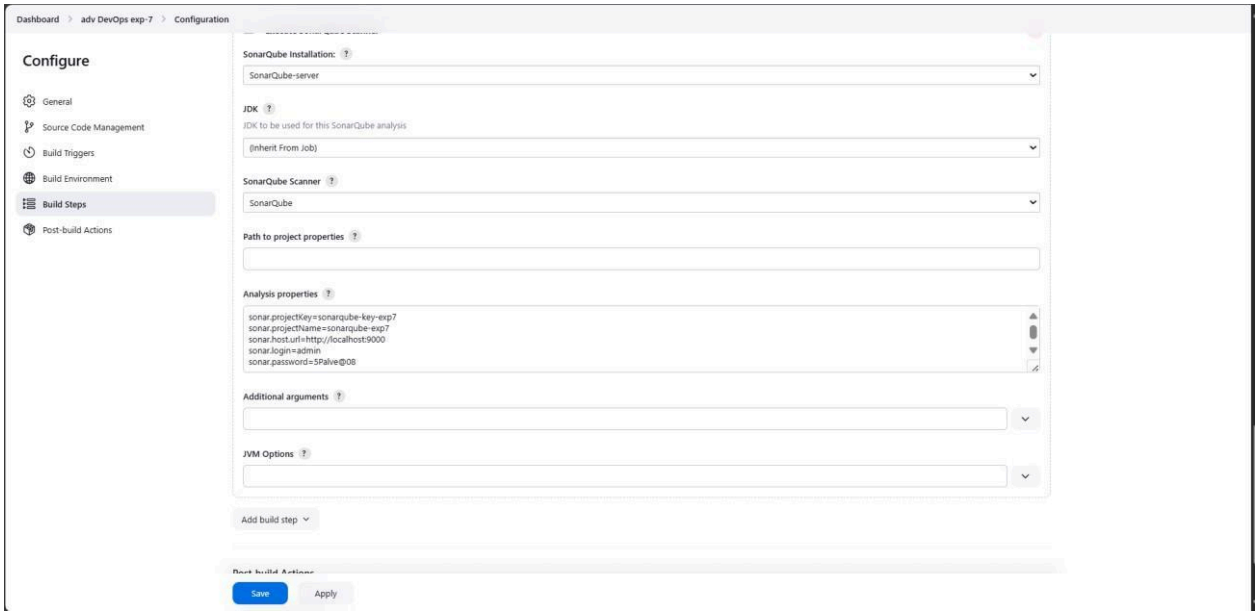
create a New Item in Jenkins, choose a freestyle project.



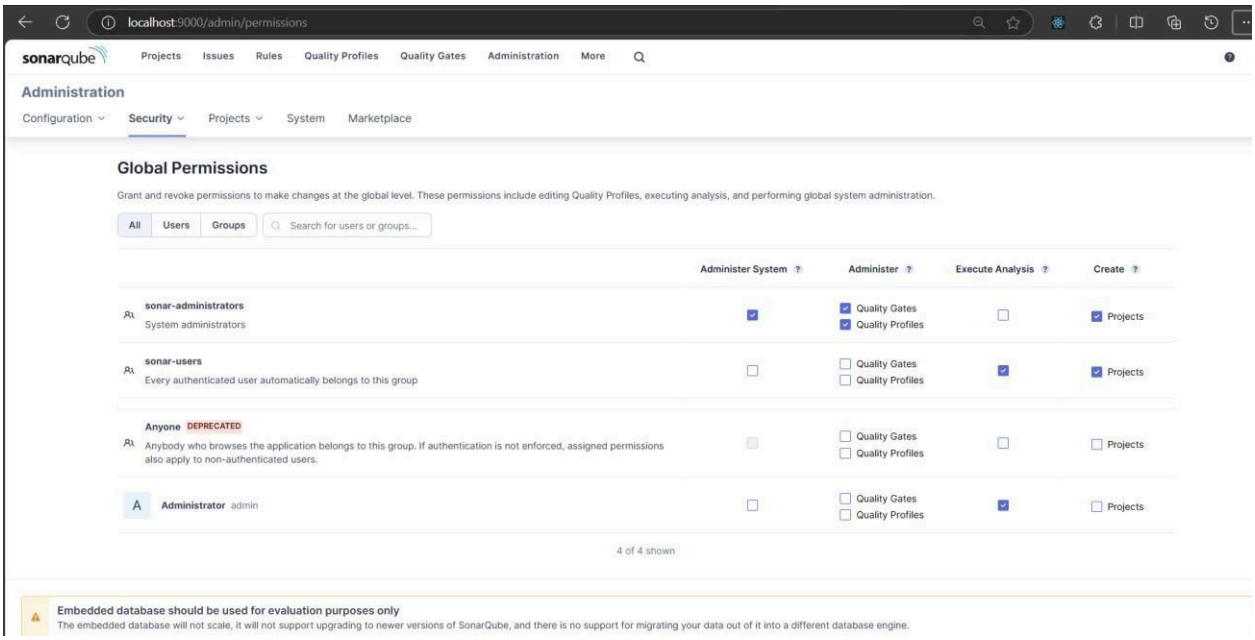
Choose this GitHub repository in Source Code Management.
https://github.com/shazforiot/MSBuild_firstproject.git

Under Build ->Execute SonarQube Scanner, enter these Analysis properties. Mention the SonarQube Project Key, Login, Password, and Host URL.
sonar.projectKey=SonarQueue-key
sonar.login=admin
sonar.password=admin
sonar.hosturl=http://localhost:9000/

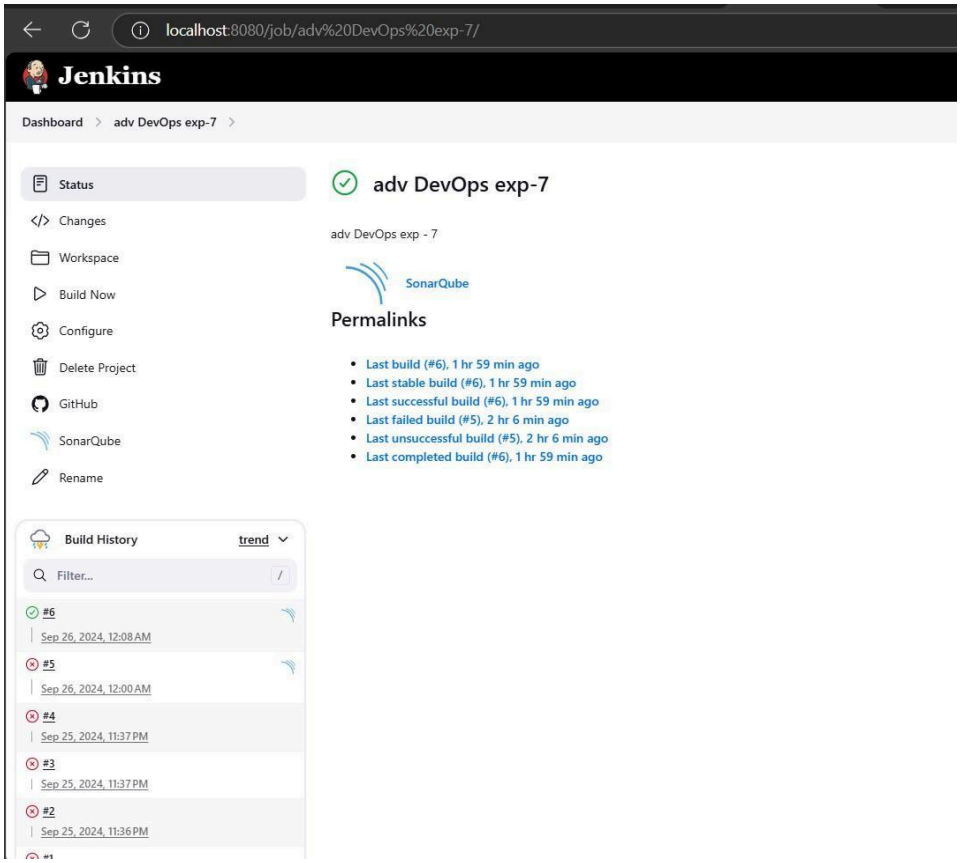


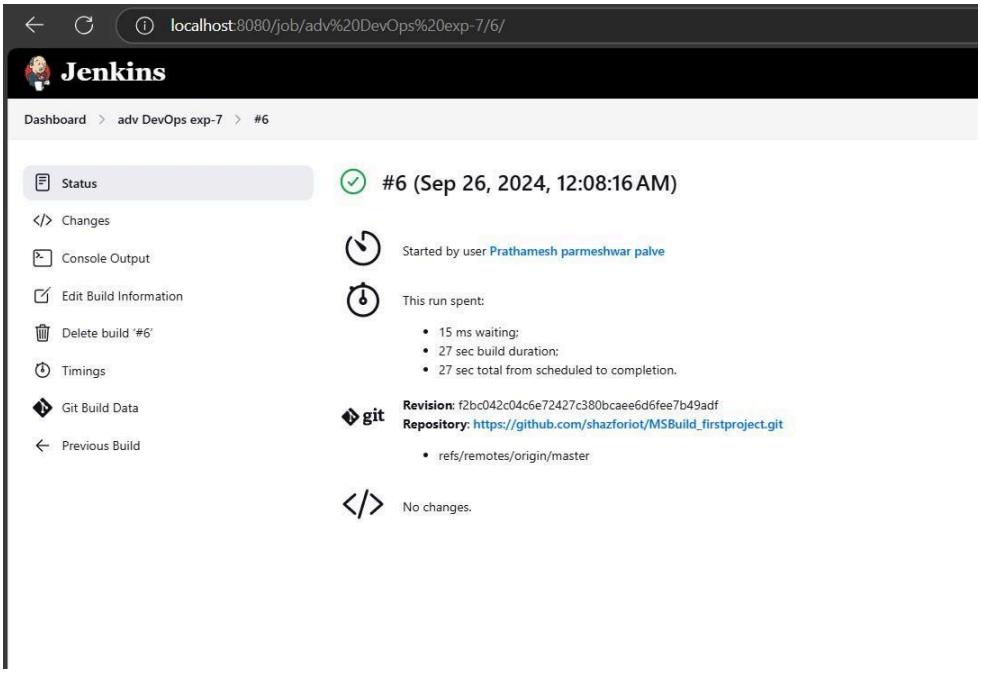


Go to http://localhost:9000/ and enter your previously created username.
Go to Permissions and grant the Admin user Execute Permissions.

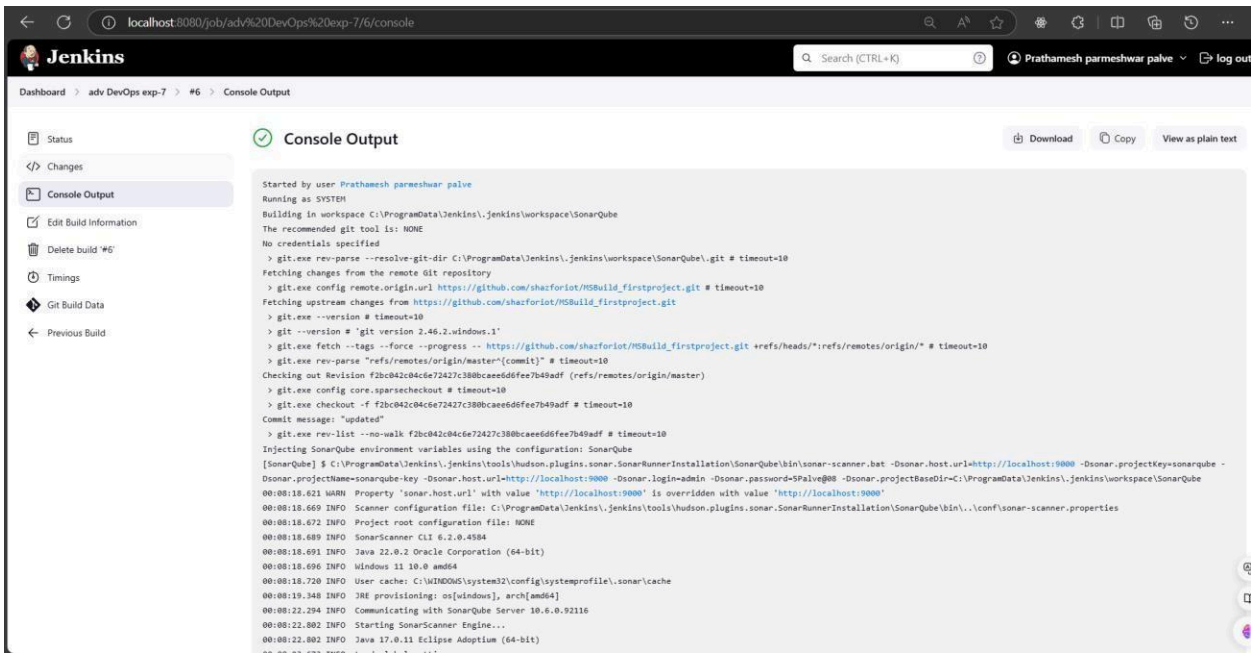


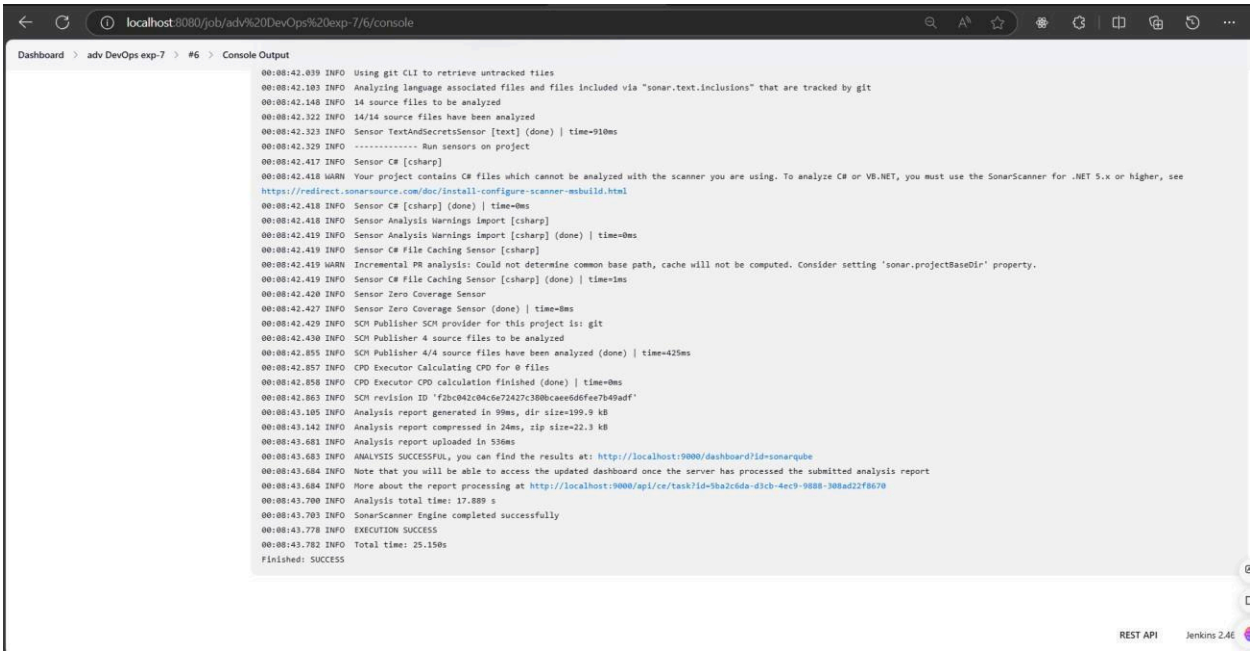
Build and Run:



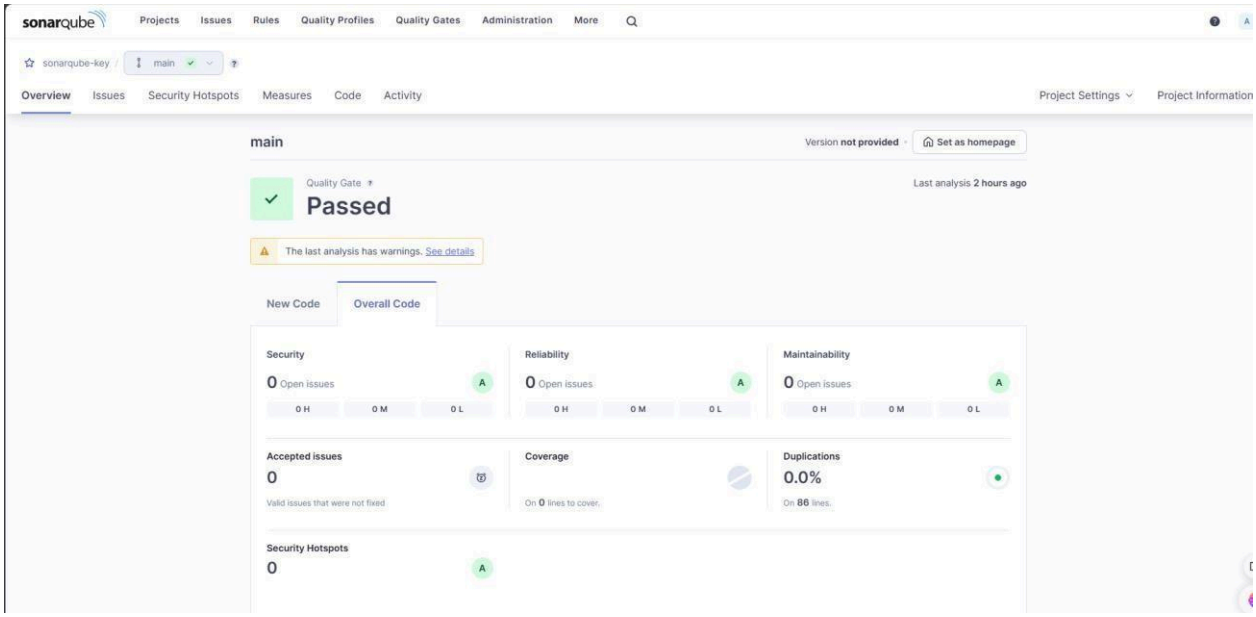


Console Output:





Project on sonarqube:



Conclusion: Thus, we have successfully installed SonarQube from Docker image.