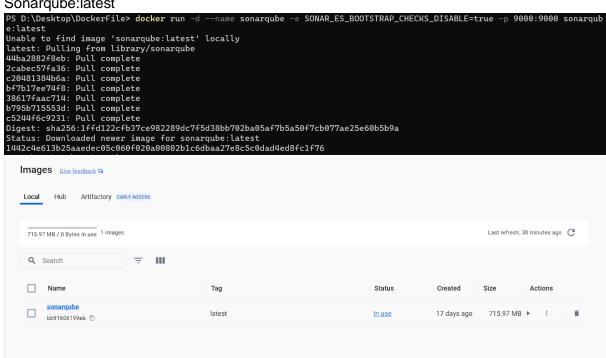
## **Experiment No 7**

**Vedant Sanap** D15A 48 Batch C

## AIM: Installing SonarQube from the Docker Image

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

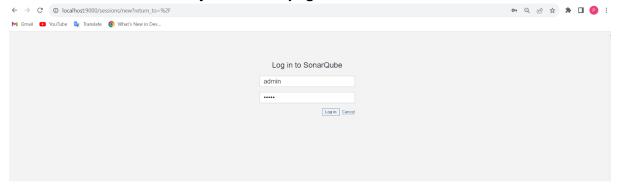
#### Sonarqube:latest



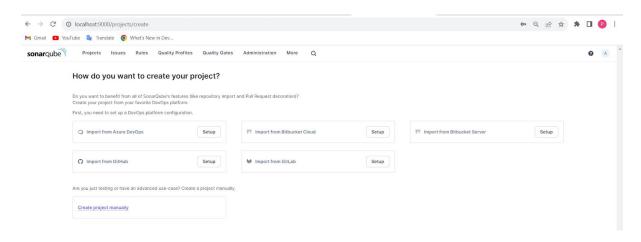
# go to the SonarQube page by typing:

http://localhost:9000/ on your browser.

### Installation is successful if you see this page

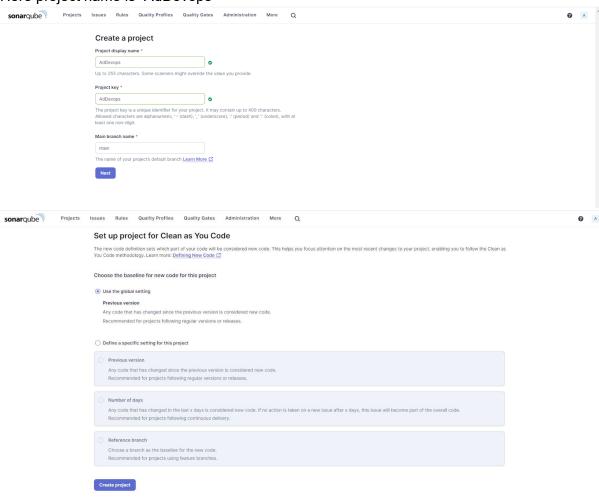


### Update to new password



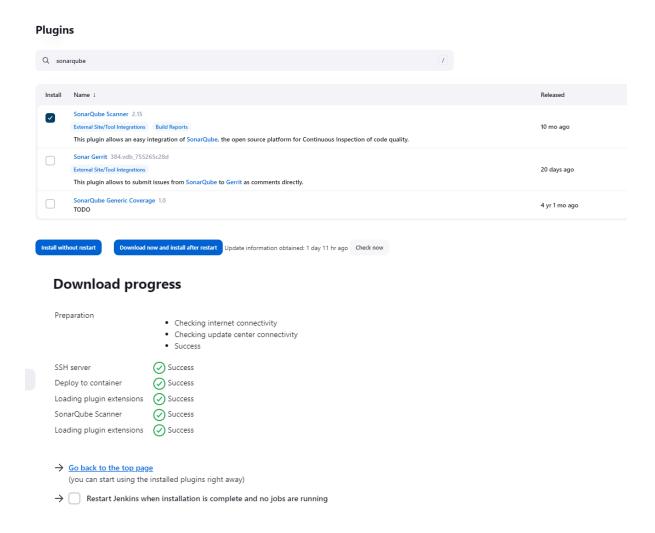
## Create project manually:

Here project name is "AdDevops"



## open Jenkins

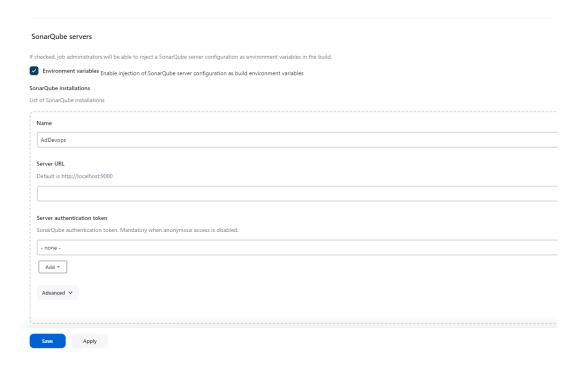
Go to Dashboard ->Manage Jenkins -> Plugin Manager and search for SonarQube Scanner under Available plugins for Jenkins and install without restart.



#### **Under Jenkins**,

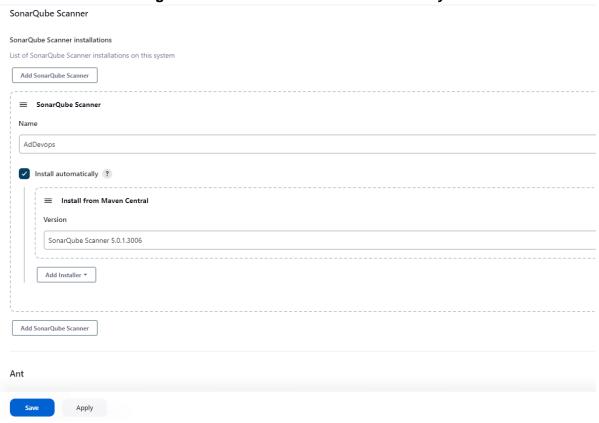
Dashboard -> Manage Jenkins -> Configure System,

Look for SonarQube Servers and enter the details. Enter the Server Authentication Token if needed.

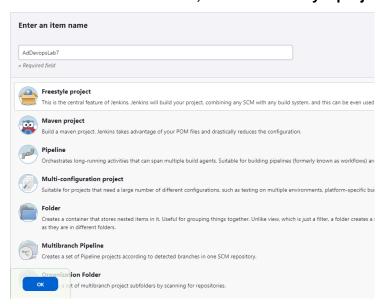


Search SonarQube Scanner under Dashboard -> Manage Jenkins -> Global Tool Configuration.

Choose the latest configuration and choose Install Automatically.



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

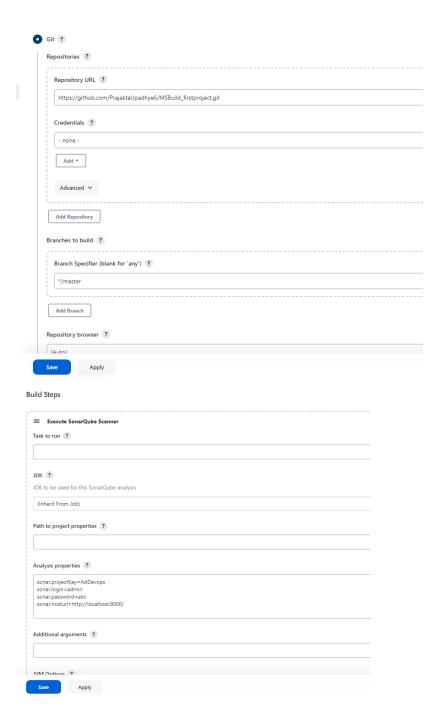


# **Choose this GitHub repository in Source Code Management.**

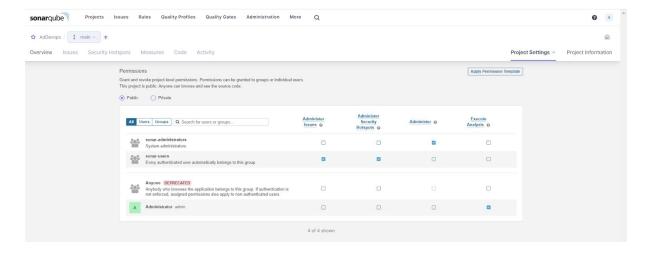
https://github.com/shazforiot/MSBuild\_firstproject.git

Under Build ->Execute SonarQube Scanner, enter these Analysis properties. Mention the SonarQube Project Key, Login, Password, and Host URL.

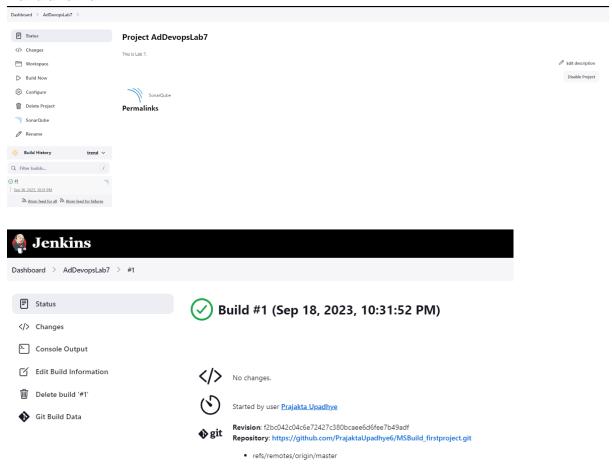
sonar.projectKey=AdDevops sonar.login=admin sonar.password=abc sonar.hosturl=http://localhost:9000/



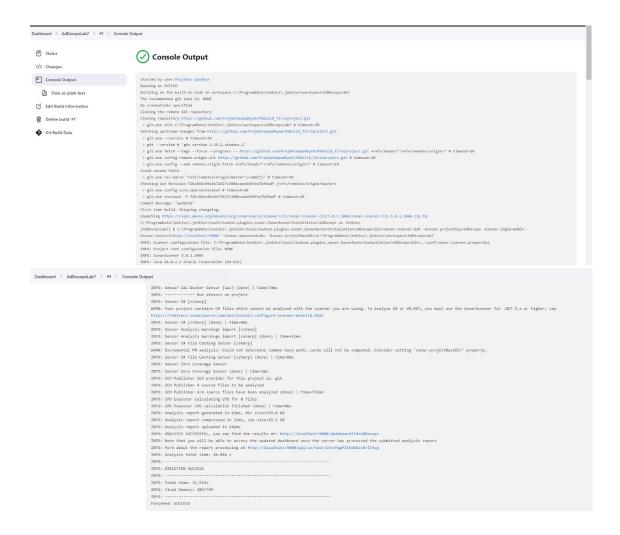
Go to http://localhost:9000/ and enter your previously created username. Go to Permissions and grant the Admin user Execute Permissions.



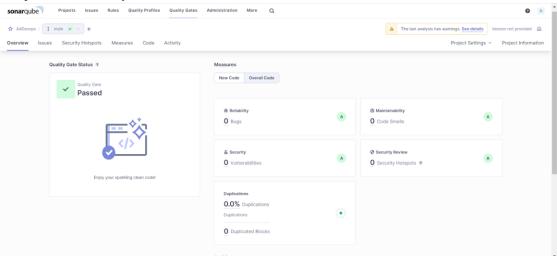
### **Build and Run:**



## **Console Output:**



# Project on sonarqube:



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