1. First go to the sonar and go to your account and then go to security

2. In the security generate a access token and giving a name and click on generate

3. Then go to the Jenkins --> Plugin manager --> available plugin Ans serach for the

sonarqube scanner then clicl on that and in the bottom click on the install without restart

and restart the jenkins

4. Now you have to add that token in the jenkins credentials

5. Click on credentials and click on global credentials and click on add credentials

kind --> select the secret text

secret --> paste that credentials in the secret box

id-- give a name

description --> give something

6. Click on Configure System

--> See the Sonarqube servers .tick on the environment variable

-->Add Sonarqube -->Give a name --> Server URl -- url of sonarqube with portno

-->Server authentication --> gene-token -->save

7. Again go to manage jenkins --> Global Tool Configuration

-->Add SonarQube Scanner -->Name-cube -->save

8. Now we are ready to make a project

now we need a github source code link

lets start to make aproject

9. Click on new item -->give a project name -->freestyle project -->ok

10. Provide a description -->hit the Discard old builds -->give days like 10 days-->max# 5

Click on git button and provide a github link of a project -->give the same branch name which is specified in the githhub project

Click on Prepare SonarQube Scanner Environment -->Build -->Add build Step

-->Excute Shell -->Write in box : mvn package sonar:sonar

And then save it

11. Click on Build our project

12 .If it successfully run then we can see the code review in the sonarqube