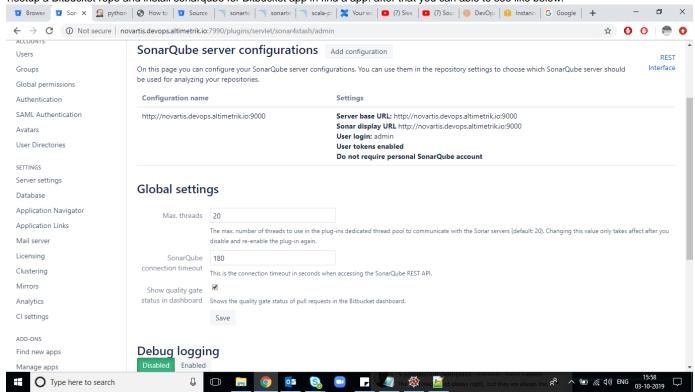
How to Bitbucket + Sonarqube integration:-

Prerequisite:

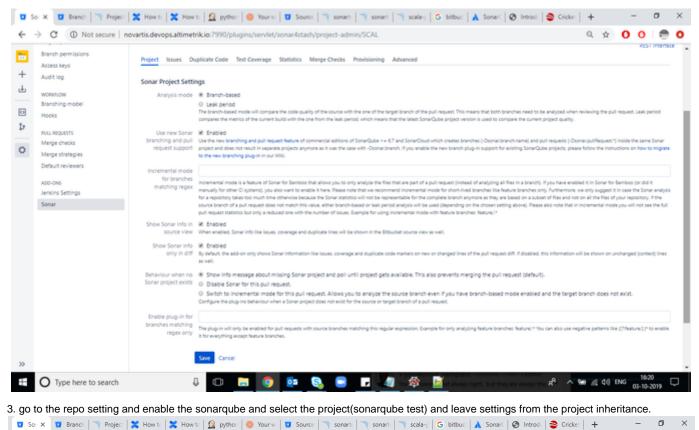
- 1. Jenkins scala job
- 2. Bit-bucket repository.
- 3. sonarqube installation server

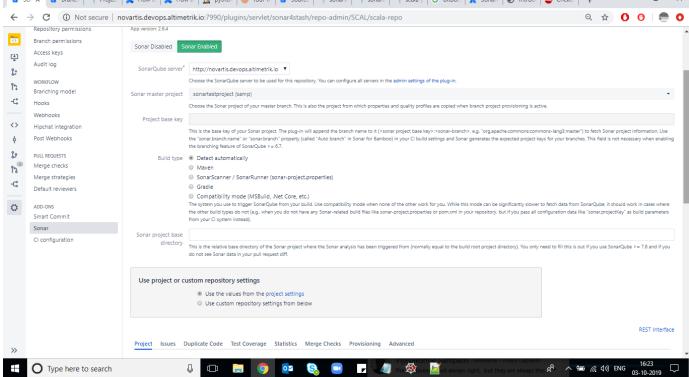
Bitbucket configurations for sonarqube:-

1.setup a Bitbucket repo and install sonarqube for Bitbucket app in find a app. after that you can able to see like below.

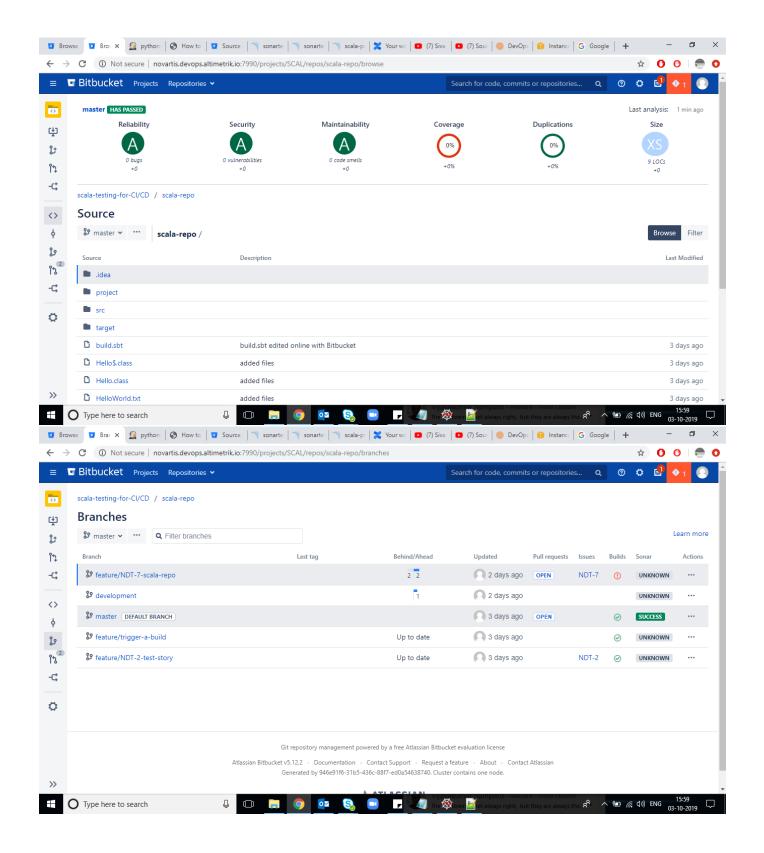


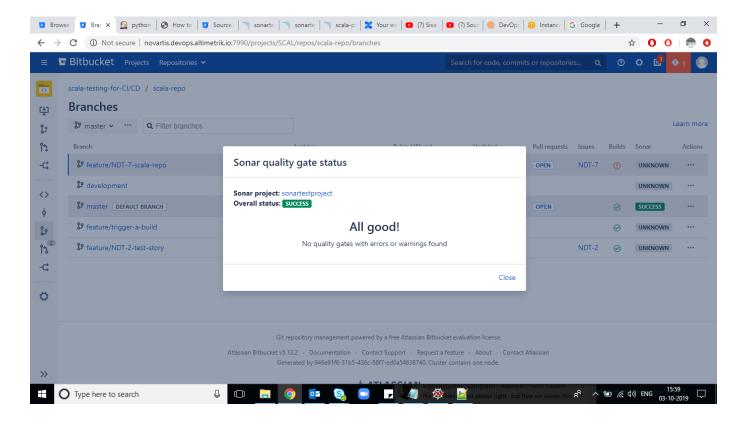
2.go to project setting and click the sonar app and make the changes as below and rest of them while keep as default.





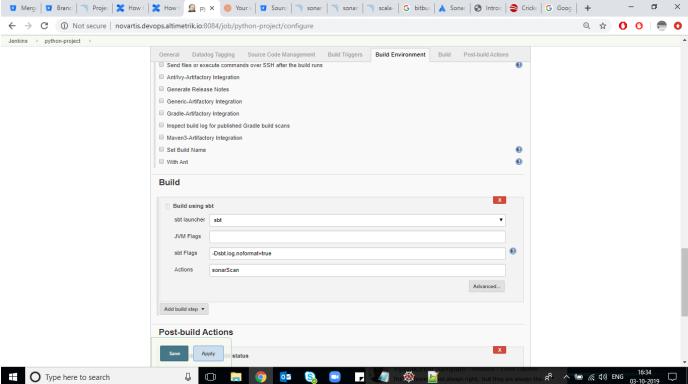
4. now go to the source code and observe the dashboards, you can finds the branch status of last build of sonarqube and also observe the branch status of sonarqube.



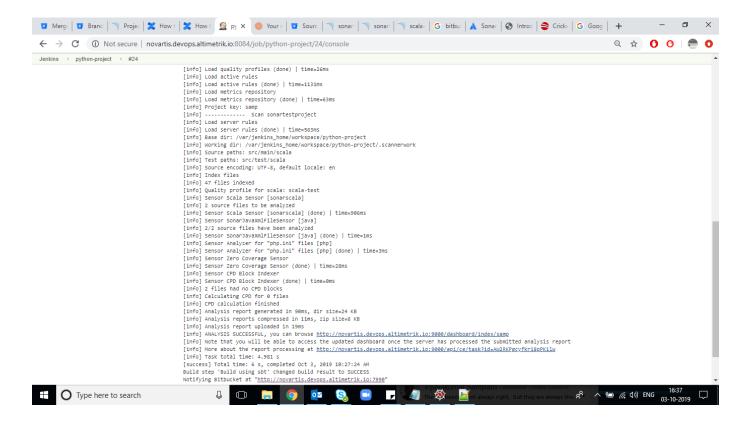


jenkins configurations for sonarqube:-

1. create a job for scala project and add build step for sonarqube, as below.

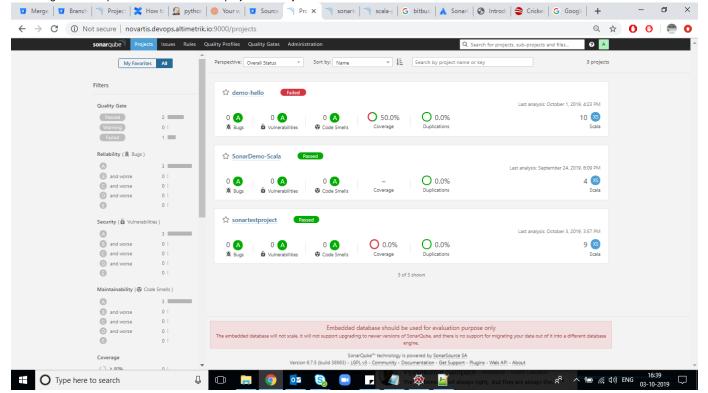


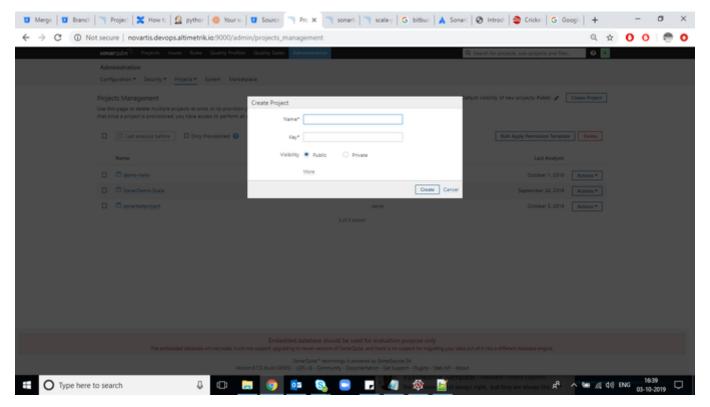
2. trigger a job to see the build result.



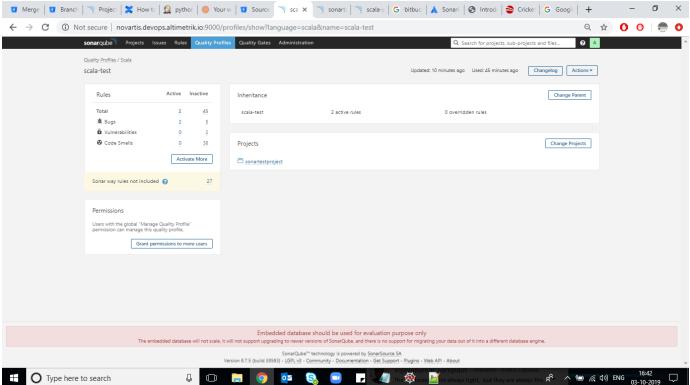
sonarqube configurations:

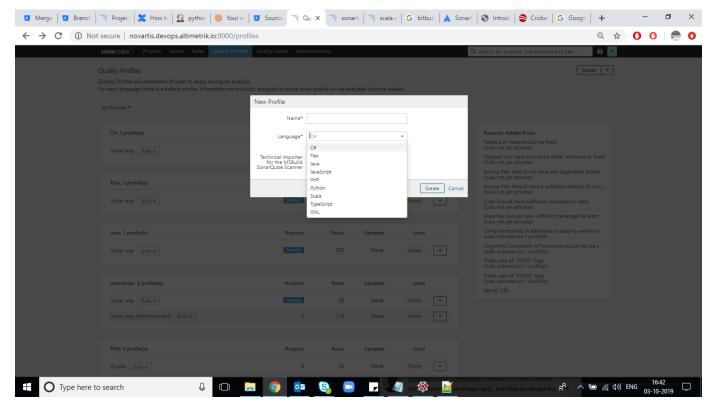
1. go to sonarqube server and create a project and key value as below.



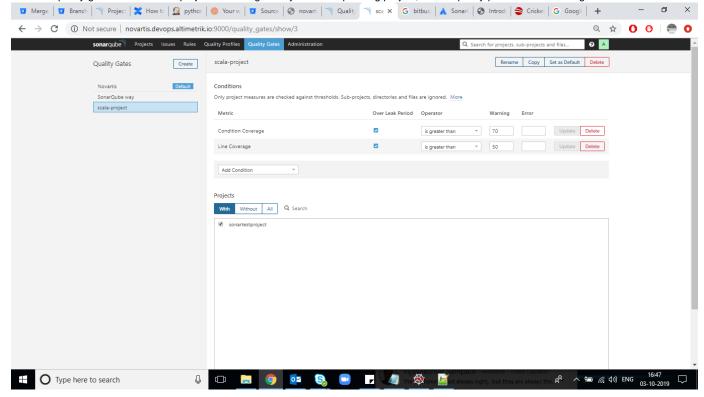


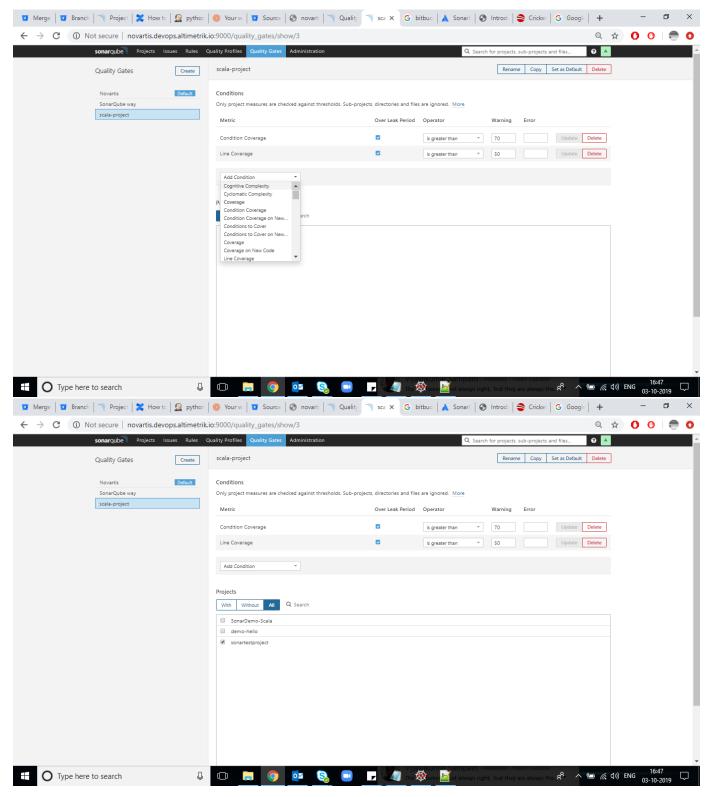
2. create quality profile and click the project type, you can able to see the profile in corresponding language and click it, you can able to see the rules on your quality profile.





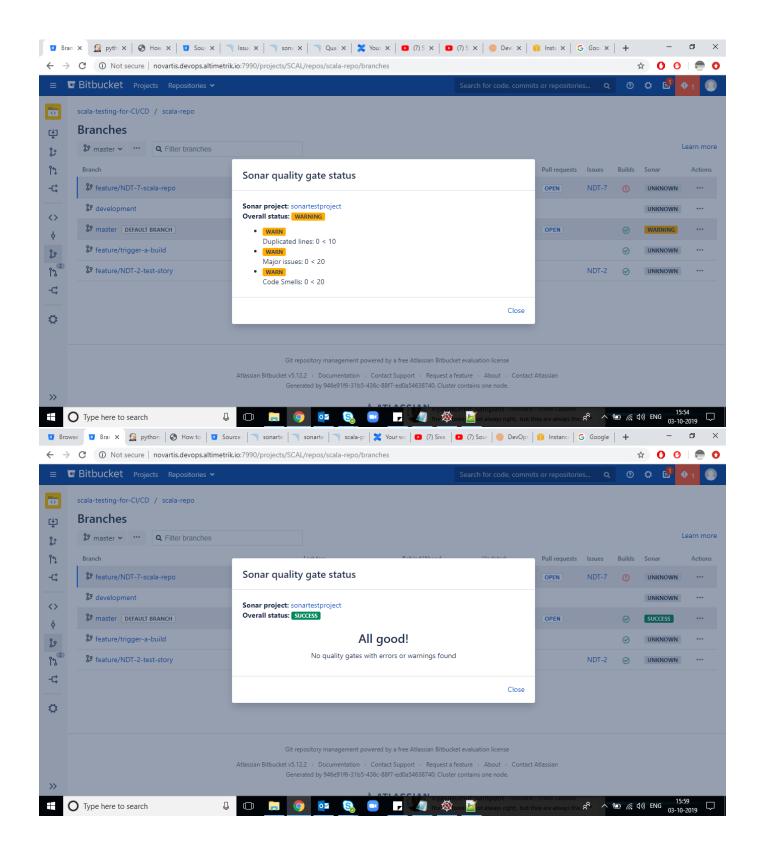
3. create quality gates for this scala project and assign it to your corresponding project, create quality parameter and assign the value as below.

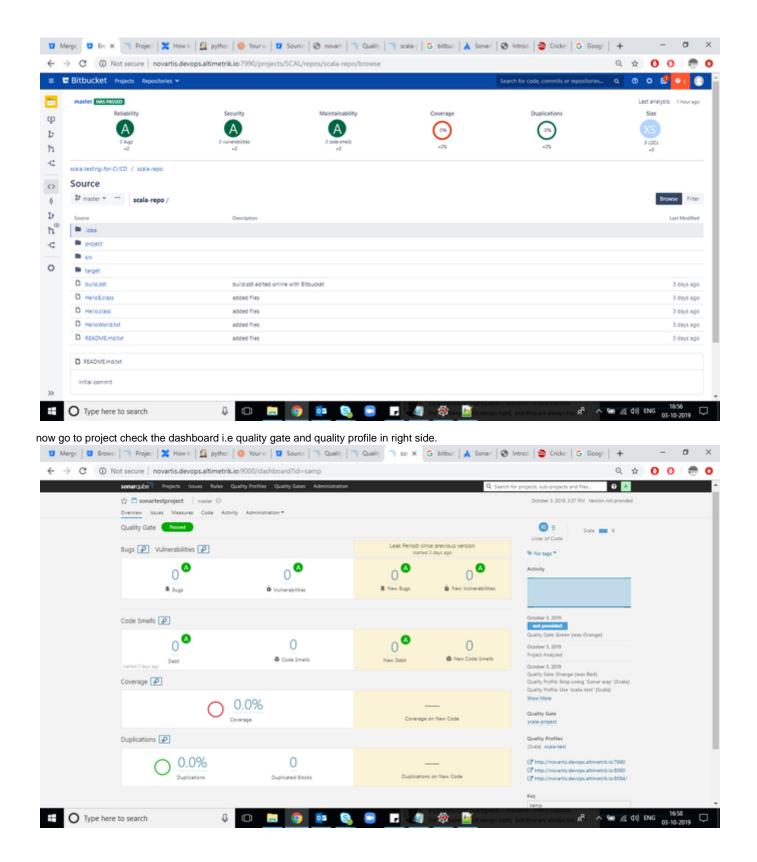


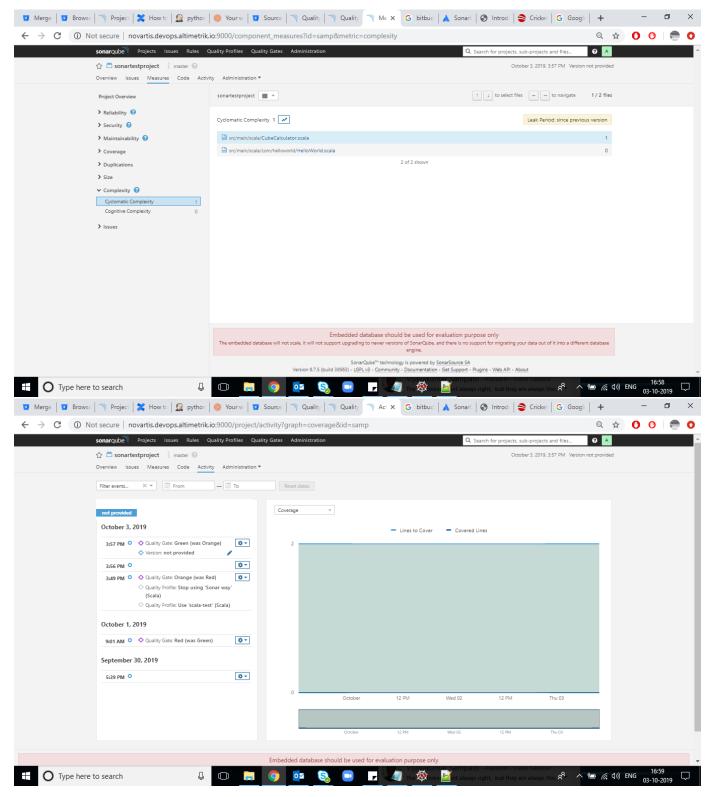


4. now trigger a build in jenkins and observe the changes in repository and sonarqube.

if the build has not passed the quality gates it shows like WARNING and passed it shows -PASSED.

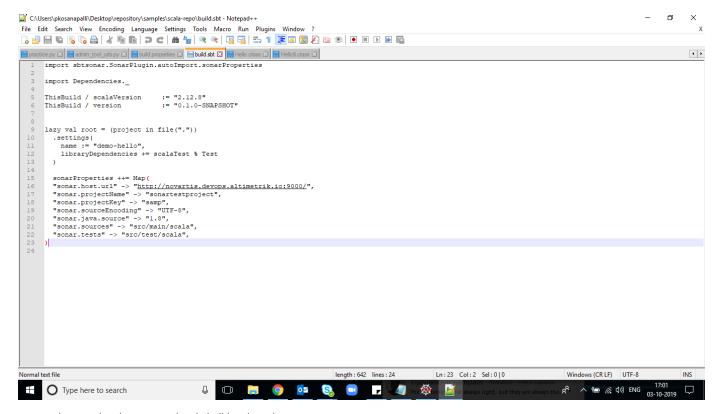






5.now the build is passed, now you can merge the build to master.

6. you need to made a change in build tool like below.



you need to mention the sonarproject in build tool as above.

thats done all !!!