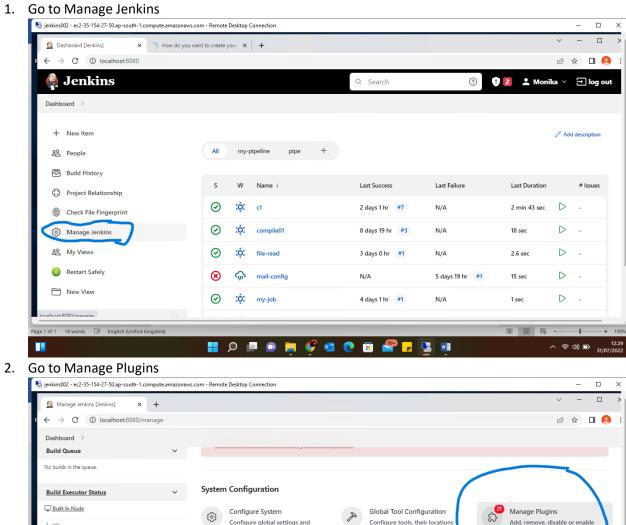
Static code analysis tools:

- Checkstyle
- PMD
- Finding bugs
- **Cucumber reports**

The following steps were used to generate reports:

slave-1



Global Tool Configuration

Managed files
e.g. settings.xml for maven,

Manage Credentials

Configure tools, their location

central managed scripts, custom

Add, remove, disable or enabl

Configure Credential Providers

3. Click on Manage plugins and search for Warning next generation

Security

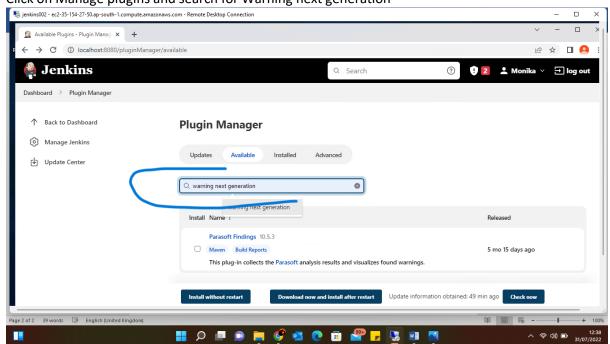
Configure System Configure global settings and

Manage Nodes and Clouds
Add, remove, control and monitor

runs jobs on.

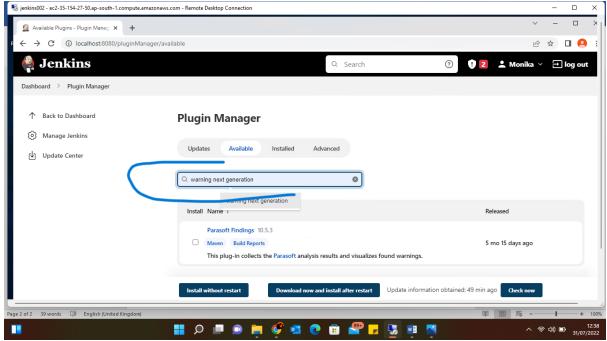
Configure Global Security

the various nodes that Jenkins

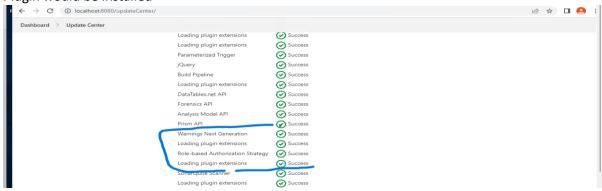


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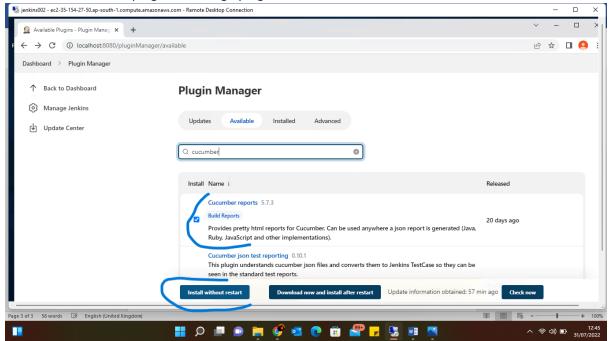
4. Install without restart



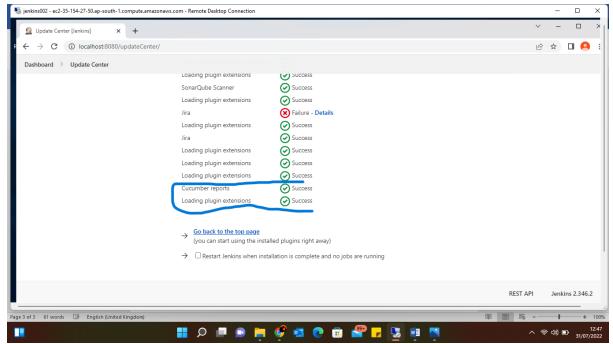
5. Plugin would be installed



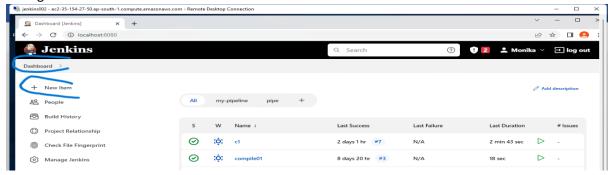
6. Search for cucumber plugin in Manage plugins and install without restart



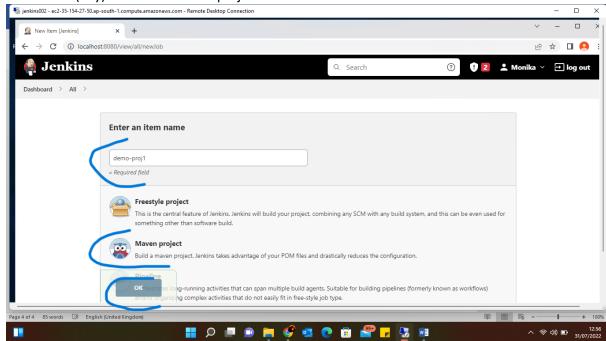
7. Installation would be success



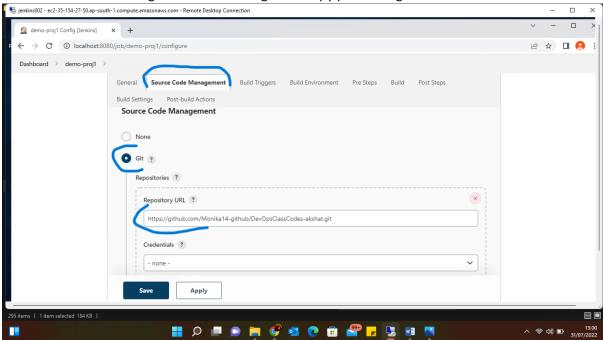
8. Now go to dashboard and click on New Item



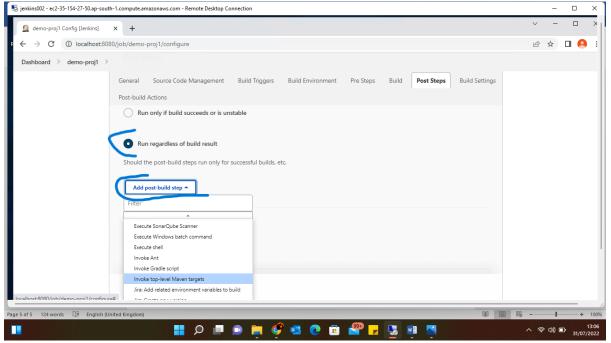
9. Enter name(any) and select Maven project and click ok



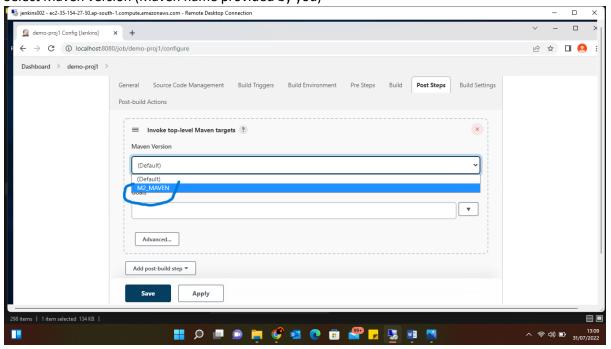
10. Go to Source code management and select git and copy paste the git url



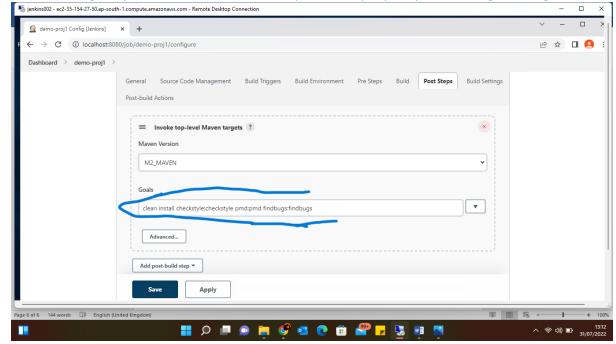
11. Go to post steps and select "Run regardless of the results" and click on Add post-build steps now select "Invoke top-level maven targets"



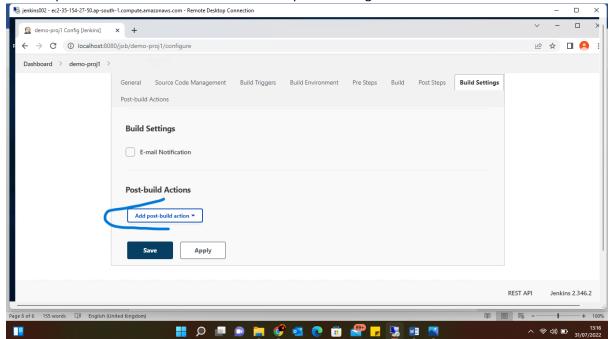
12. Select Maven version (Maven name provided by you)

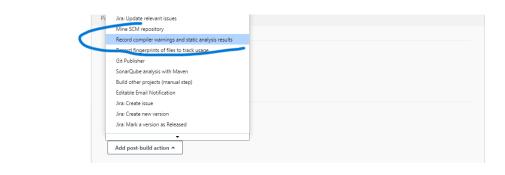


13. In the below goals provide: clean install checkstyle:checkstyle pmd:pmd findbugs:findbugs

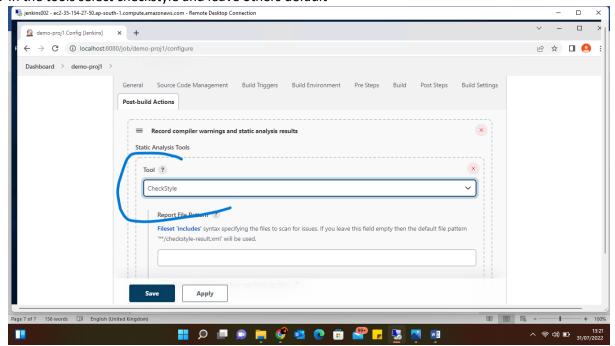


14. Click on post build action and select Record compiler warnings

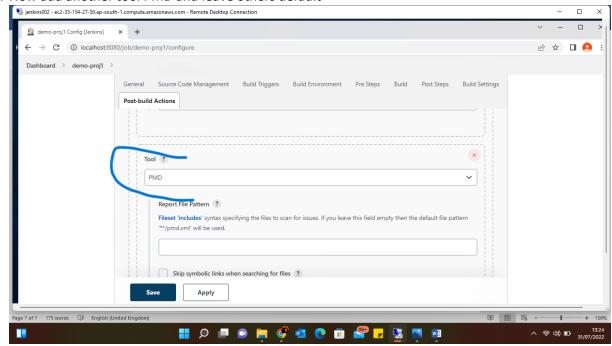




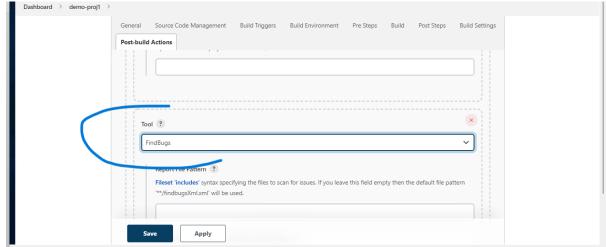
15. In the tools select checkstyle and leave others default



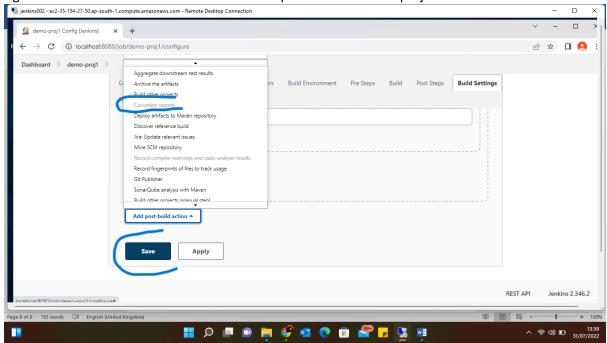
16. Now add another tool PMD and leave others default



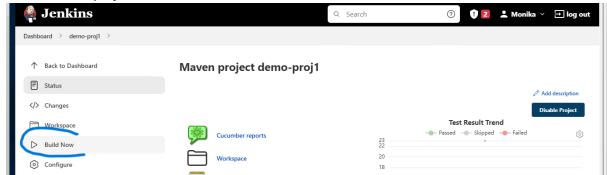
17. Now add another tool findbugs and leave others default



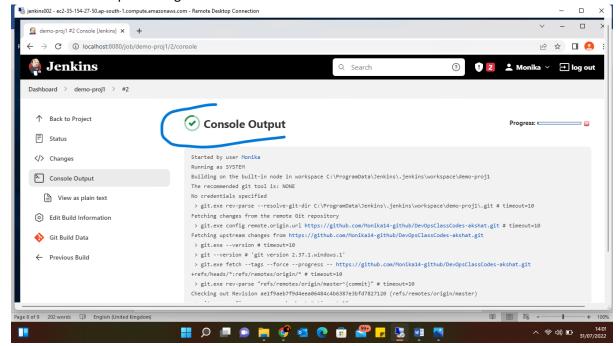
18. Again in Post-Build action select "Cucumber reports" and save the project



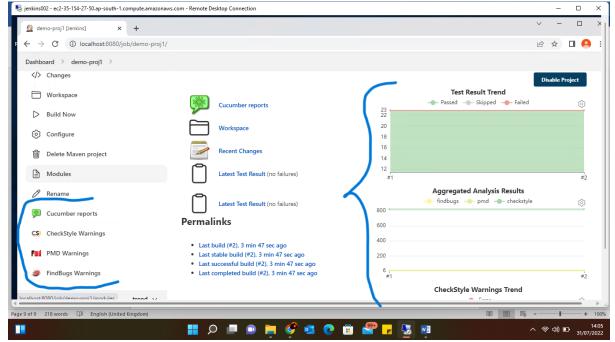
19. Now build the project



20. Your build will be processing



21. Now as a result you can view all the warnings and cucumber reports



In this way the static code analysis tools lab would be done.

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