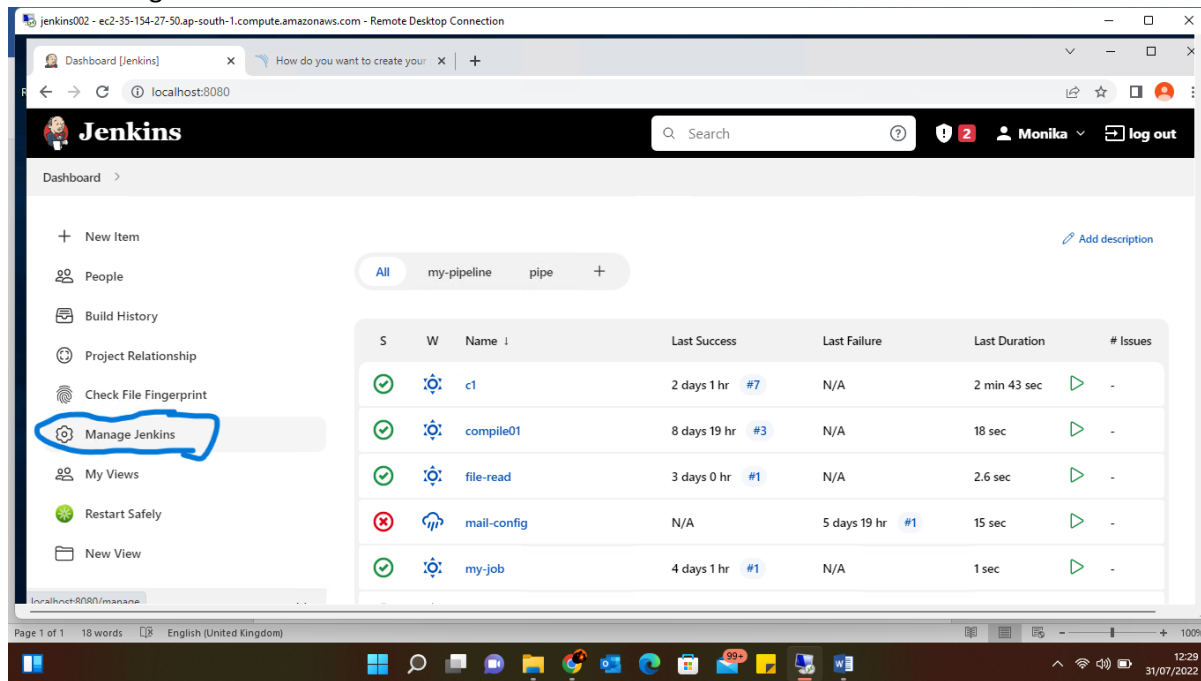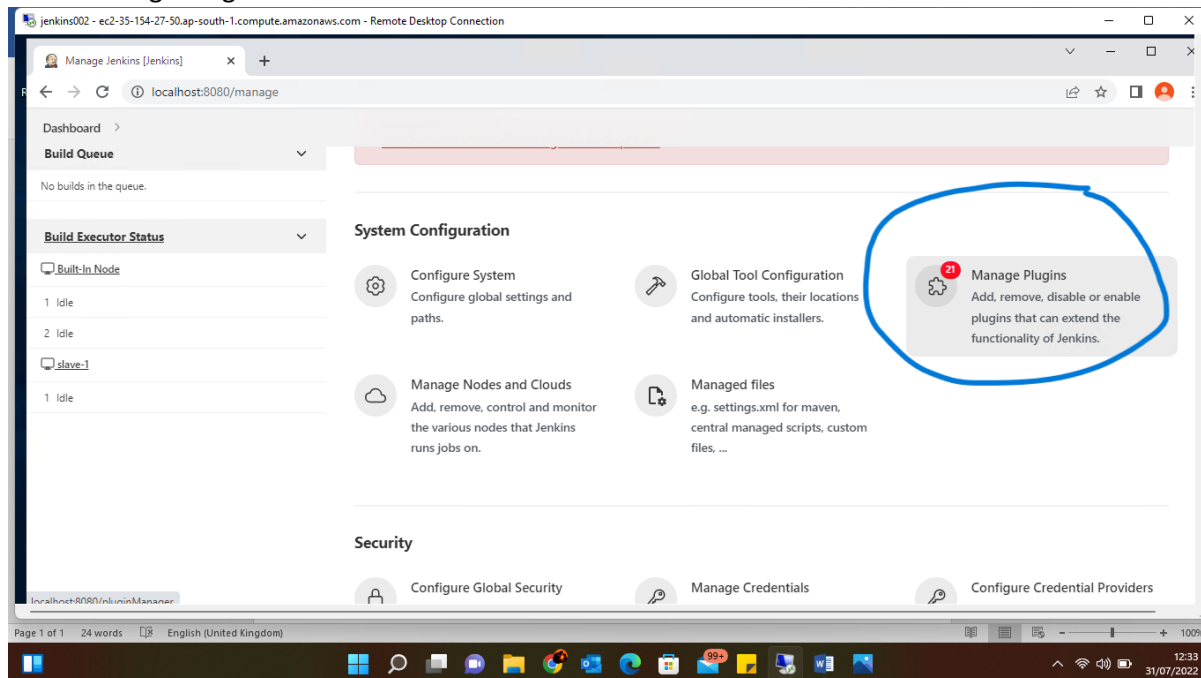## Static code analysis tools:

- Checkstyle
- PMD
- Finding bugs
- Cucumber reports

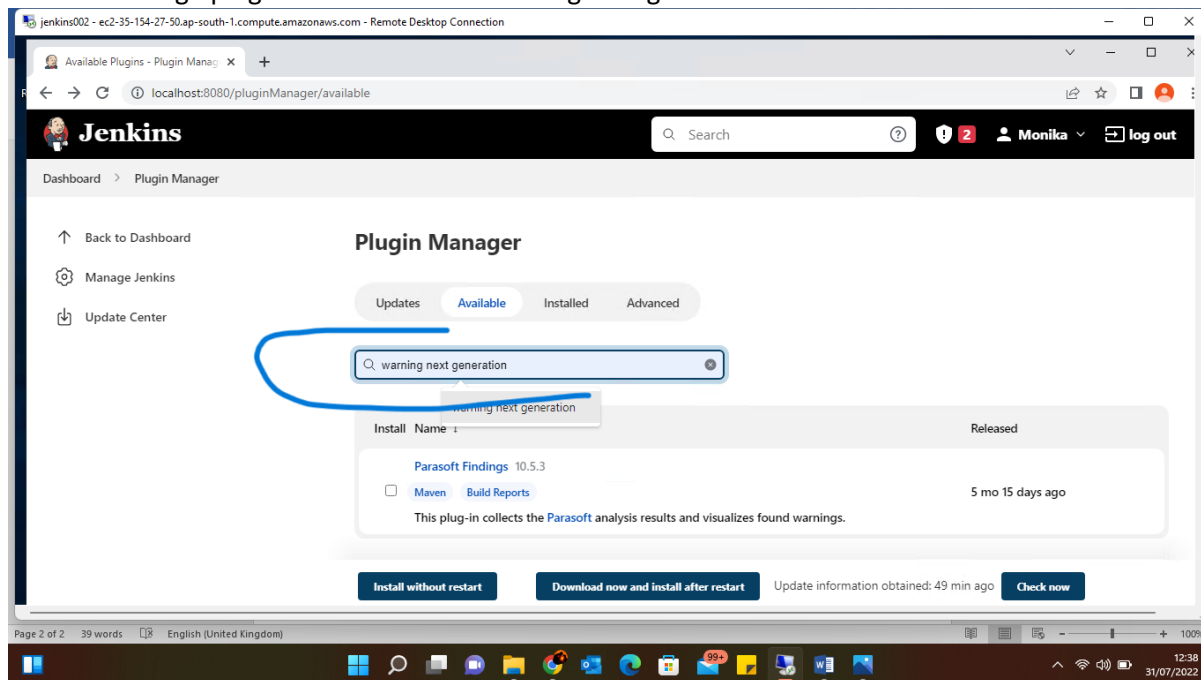The following steps were used to generate reports:
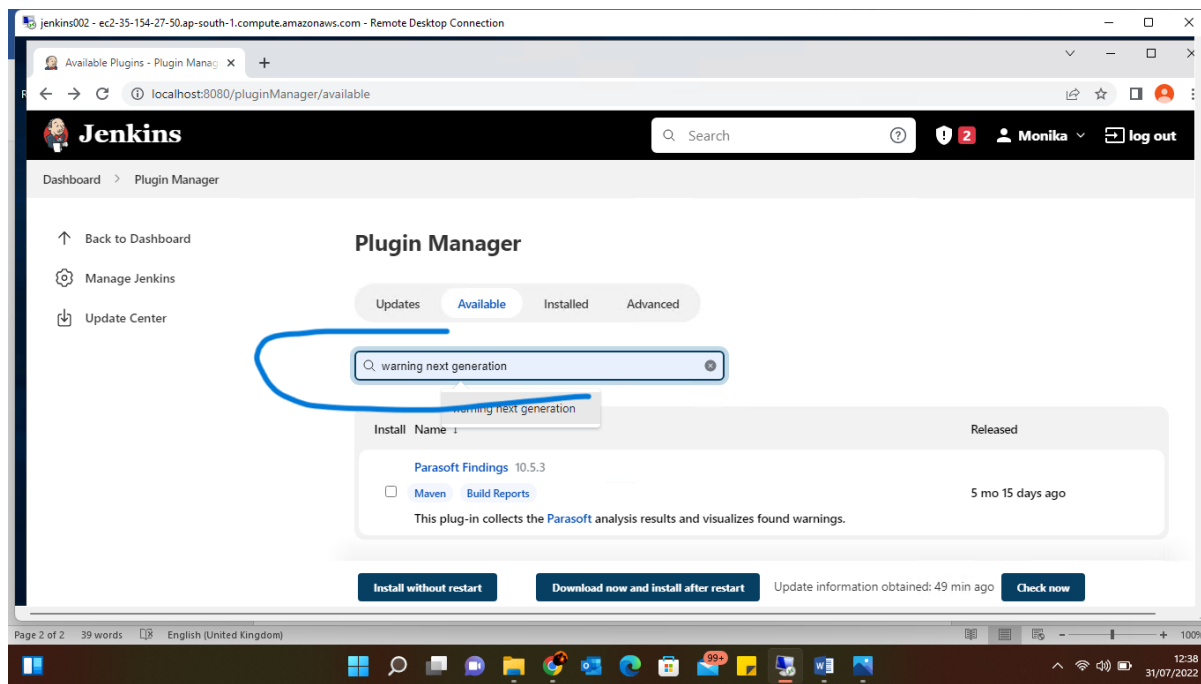
1. Go to Manage Jenkins
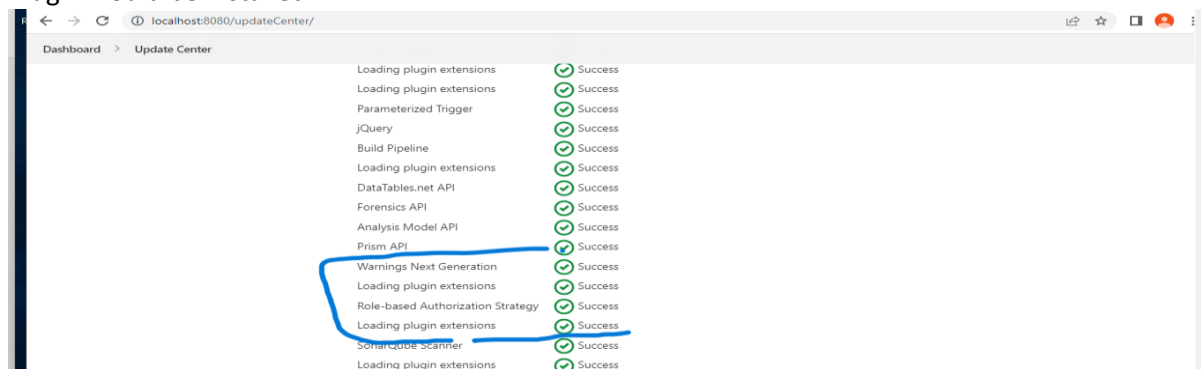

2. Go to Manage Plugins

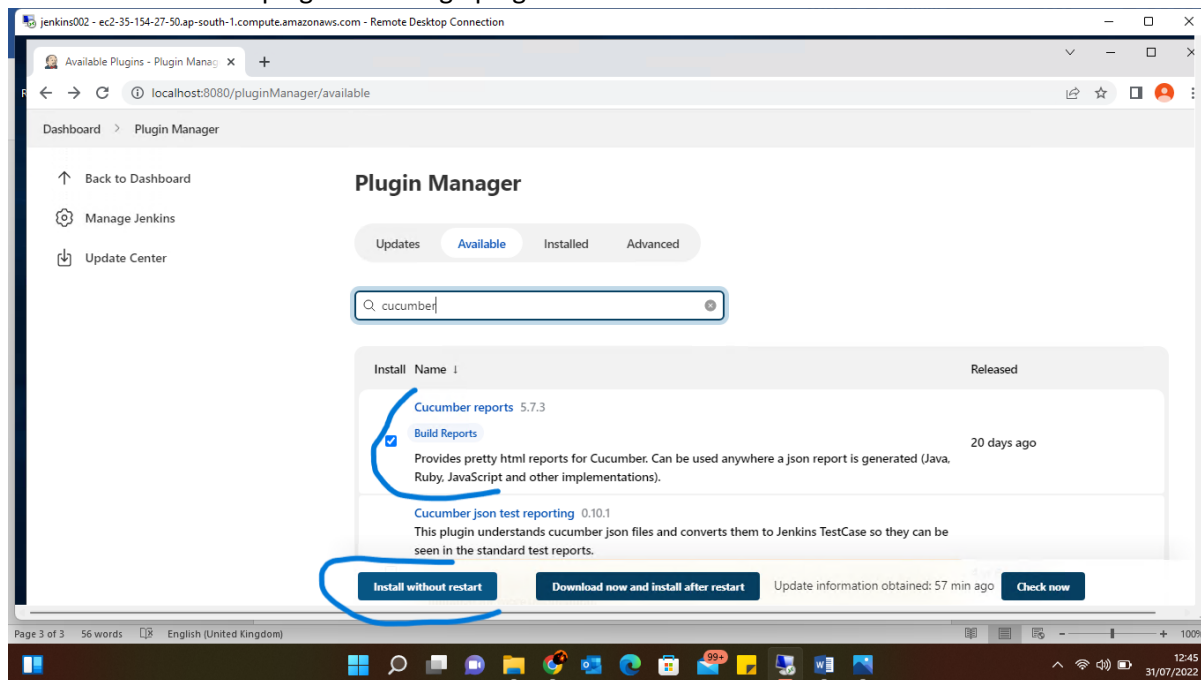3. Click on Manage plugins and search for Warning next generation
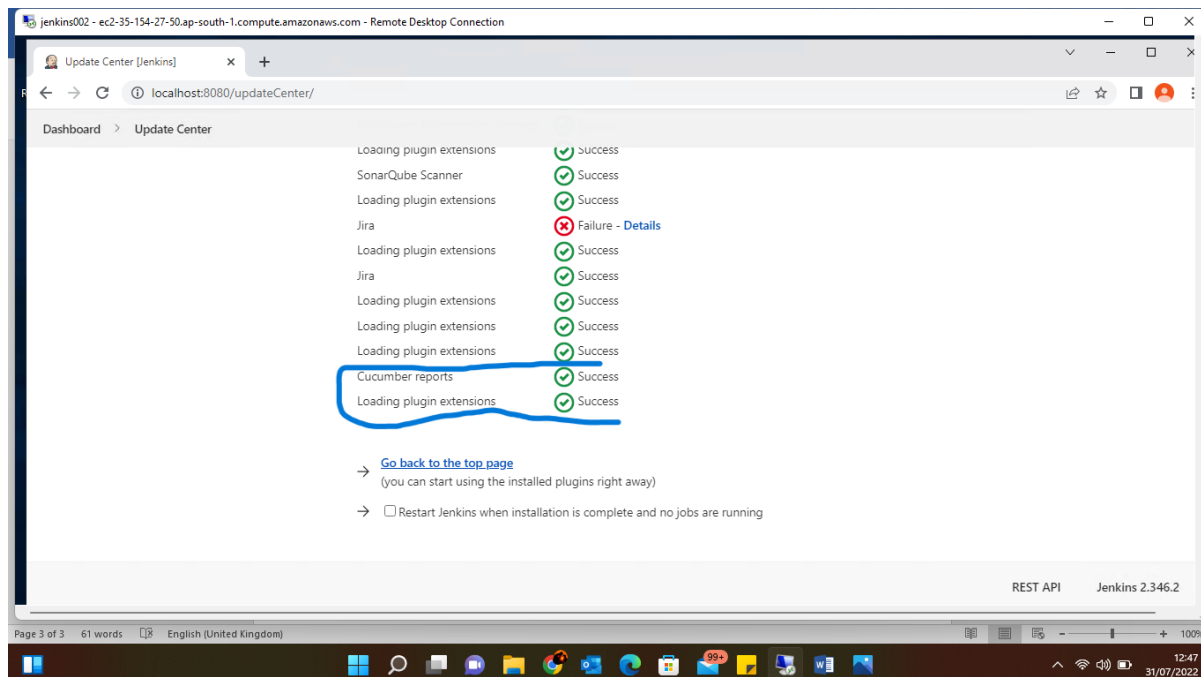
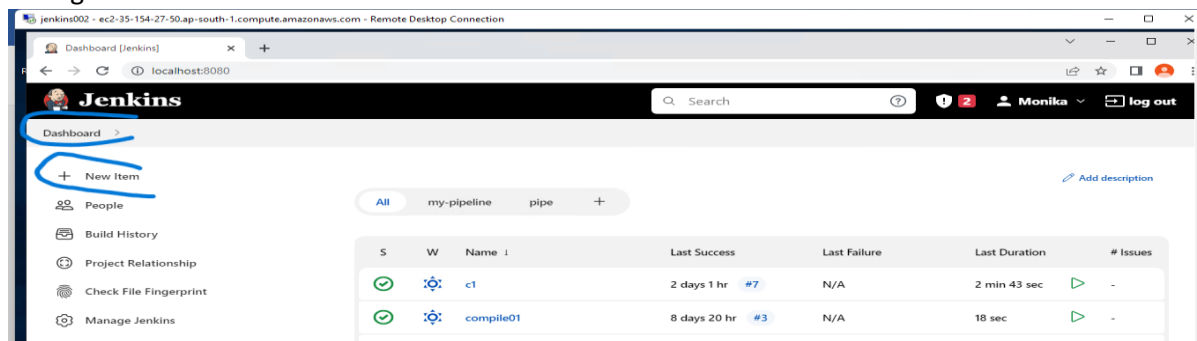4. Install without restart

5. Plugin would be installed

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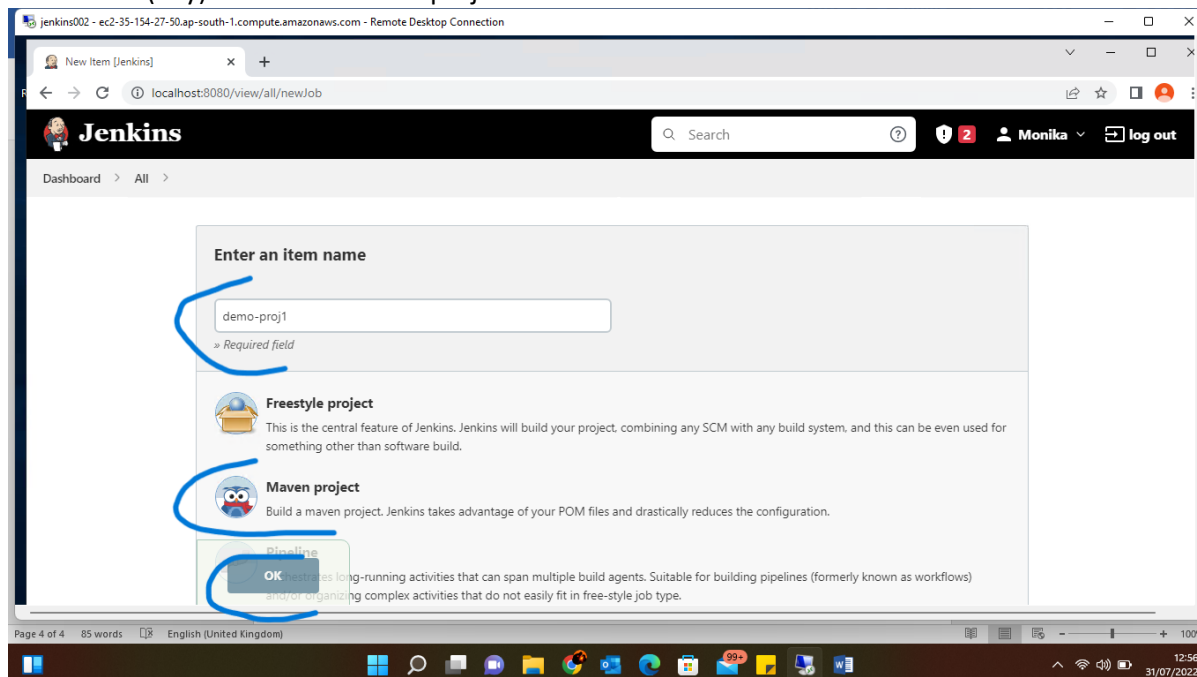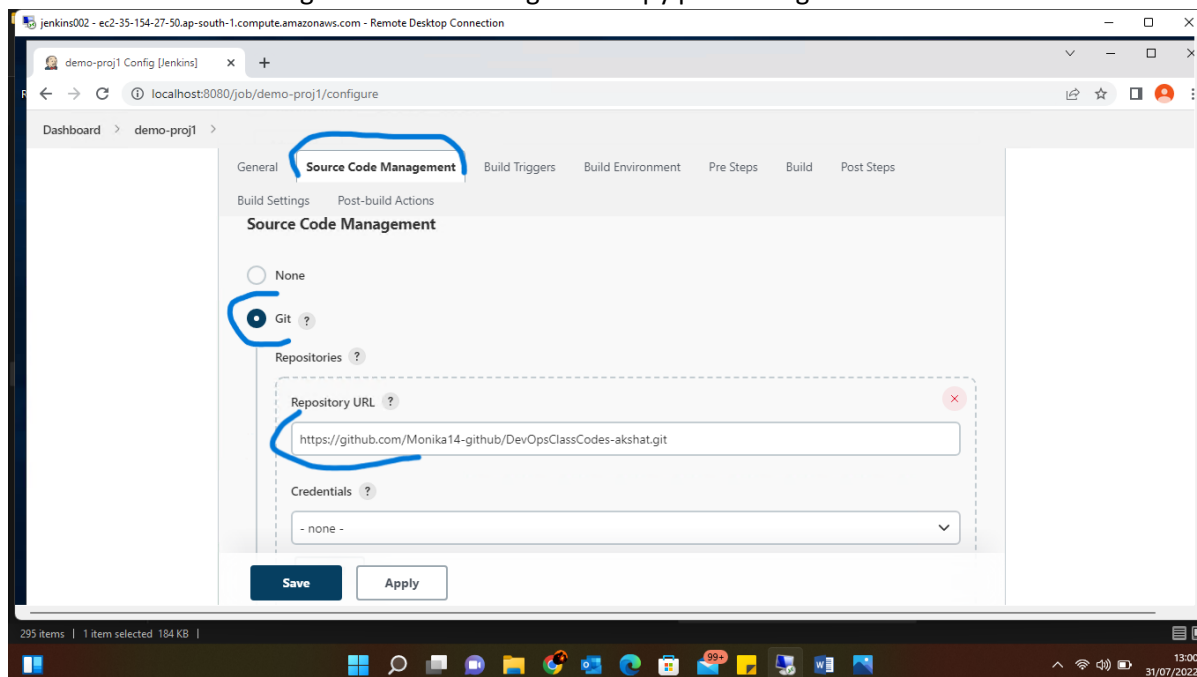

7. Installation would be success

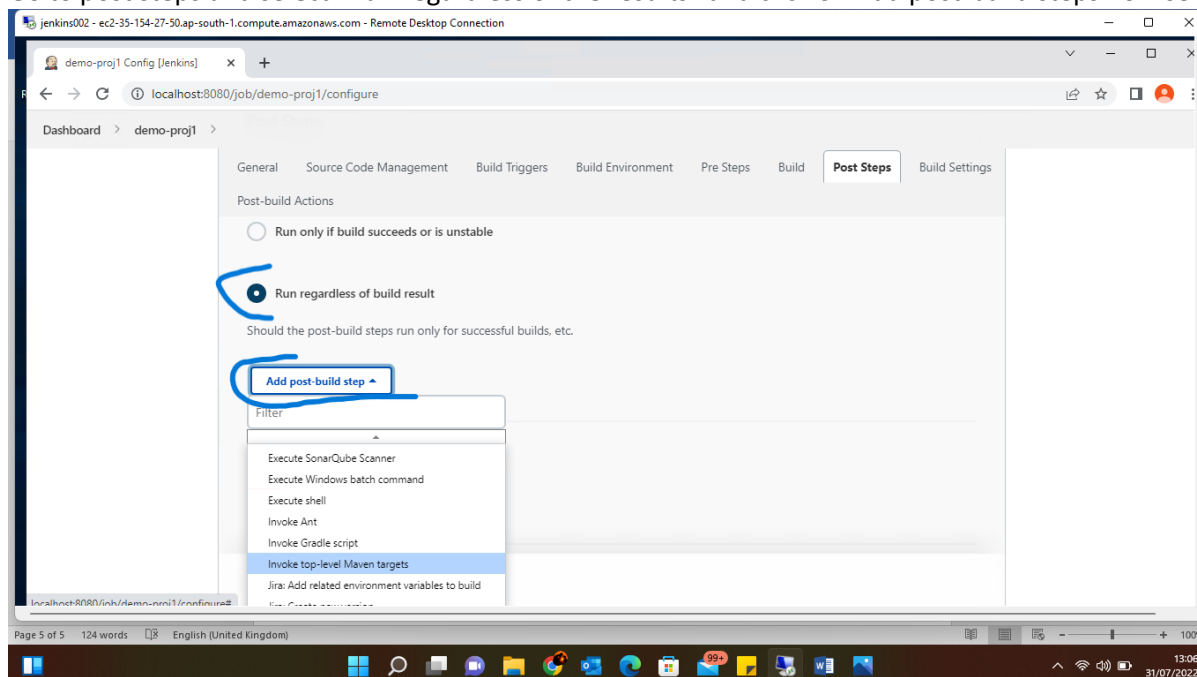8. Now go to dashboard and click on New Item

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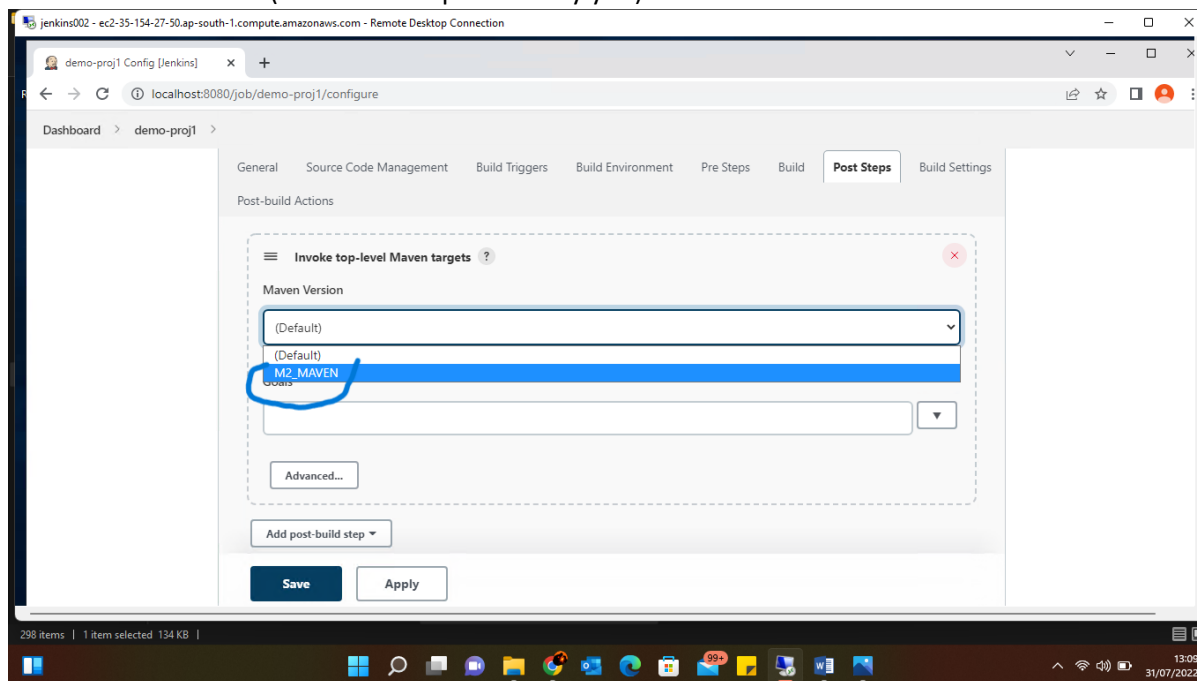

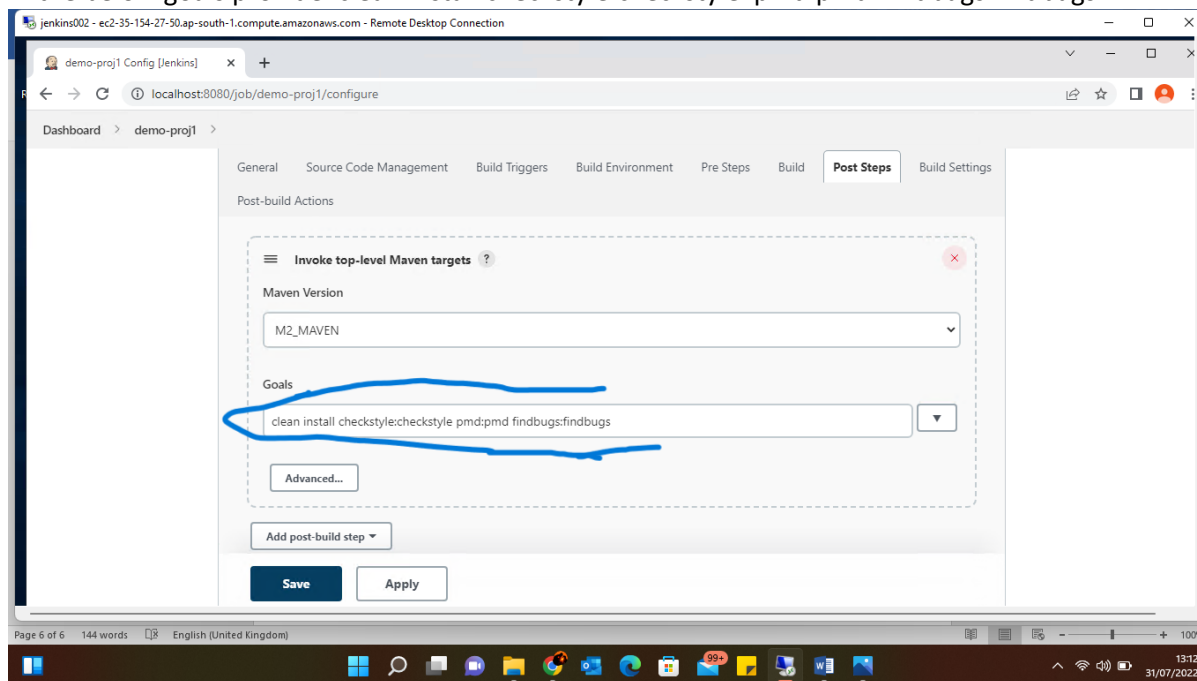10. Go to Source code management and select git and copy paste the git url

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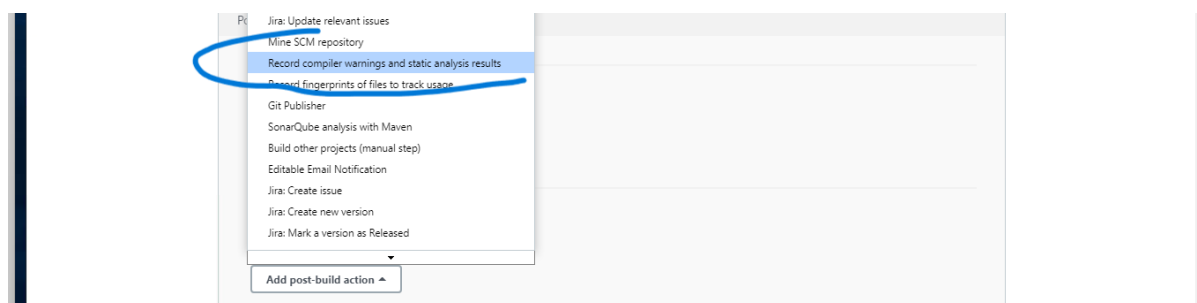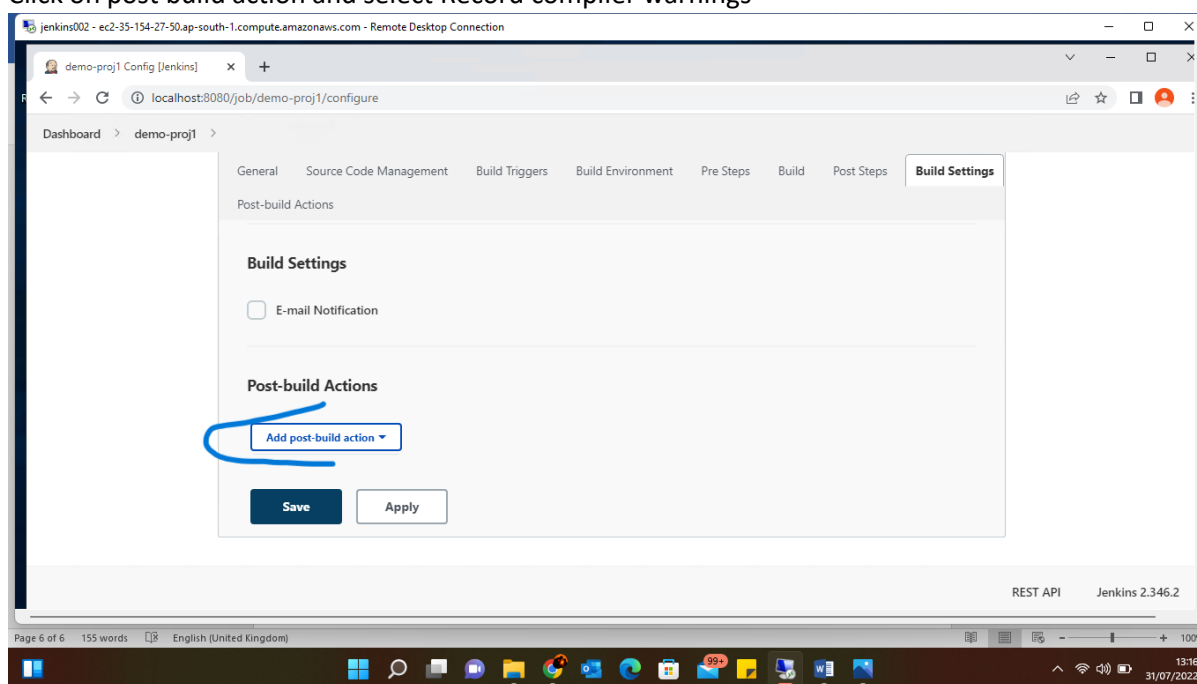
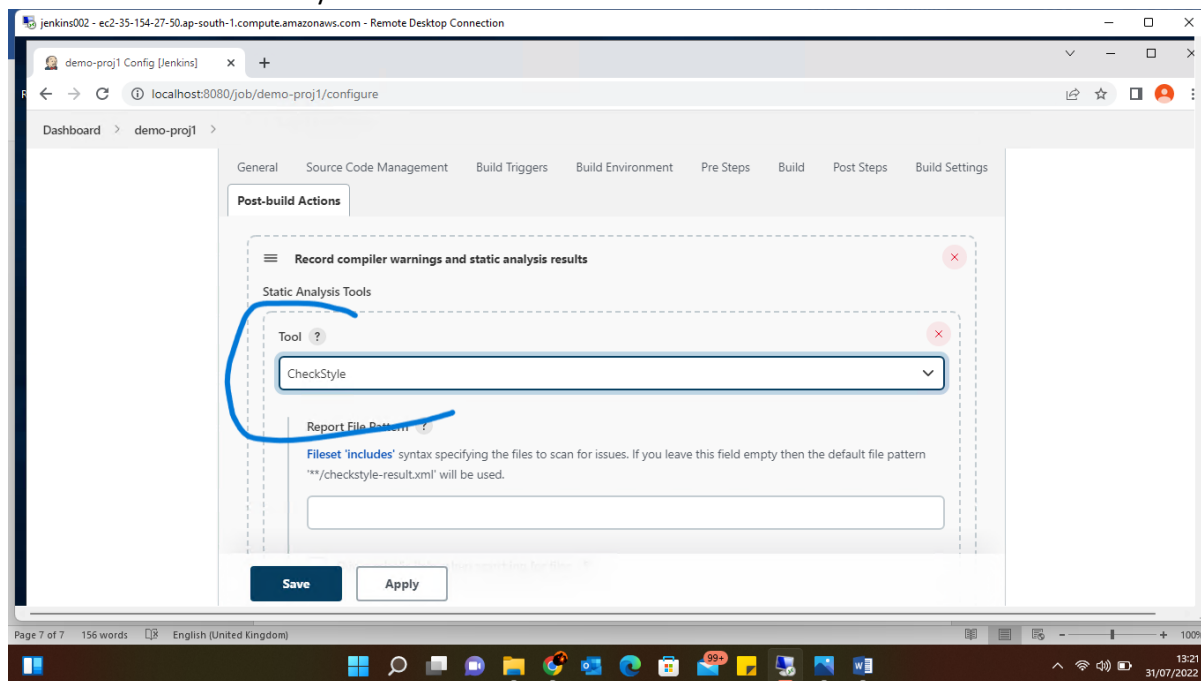12. Select Maven version (Maven name provided by you)

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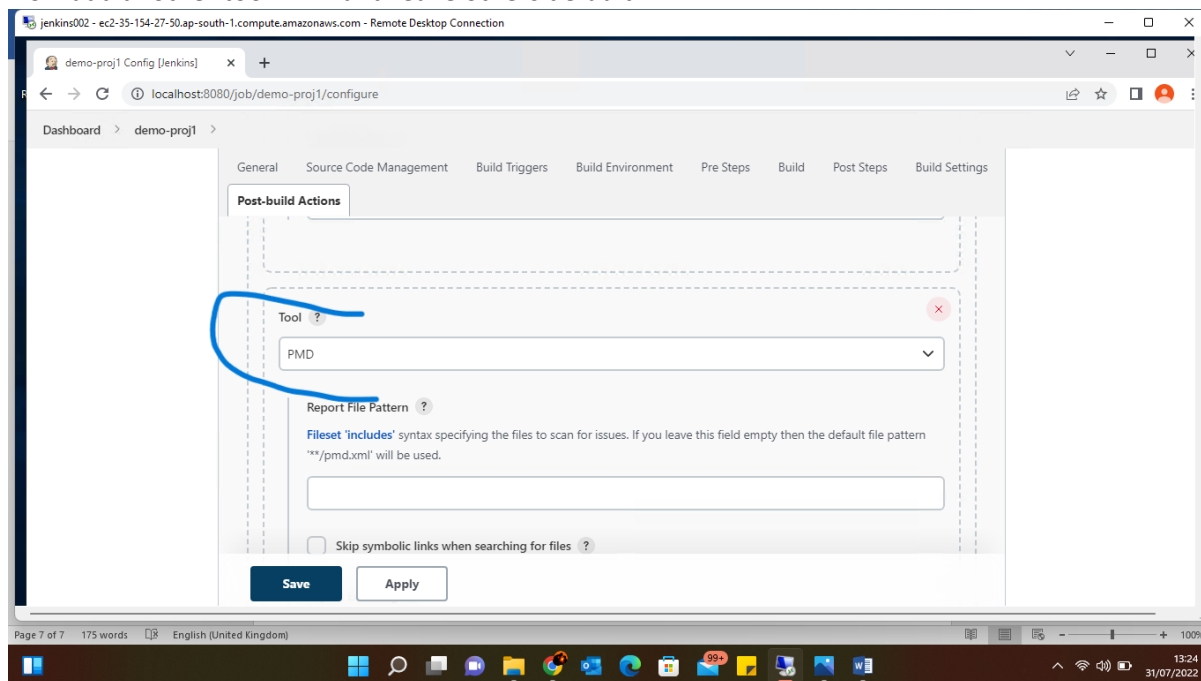

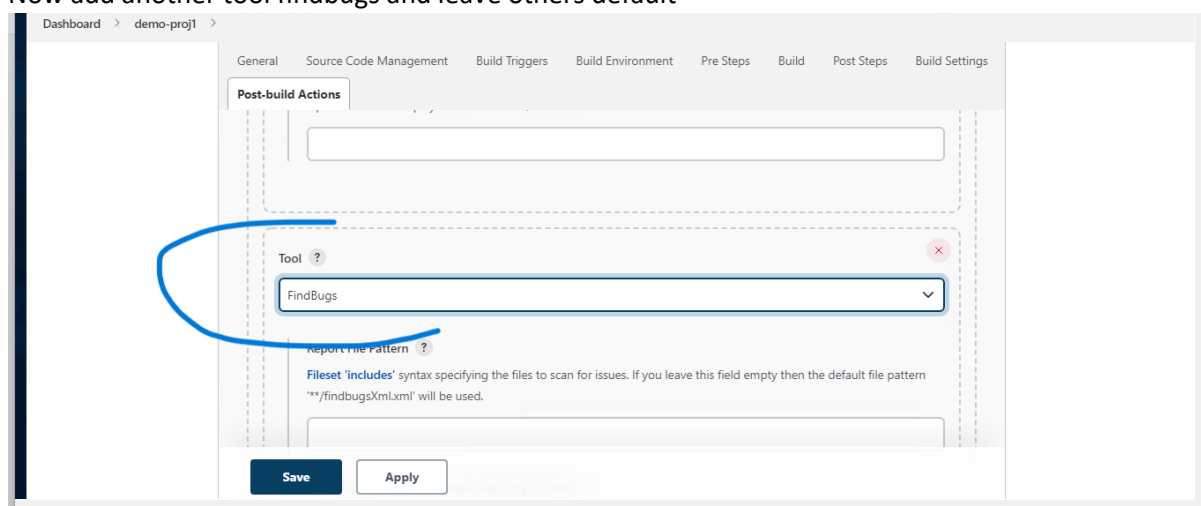14. Click on post build action and select Record compiler warnings

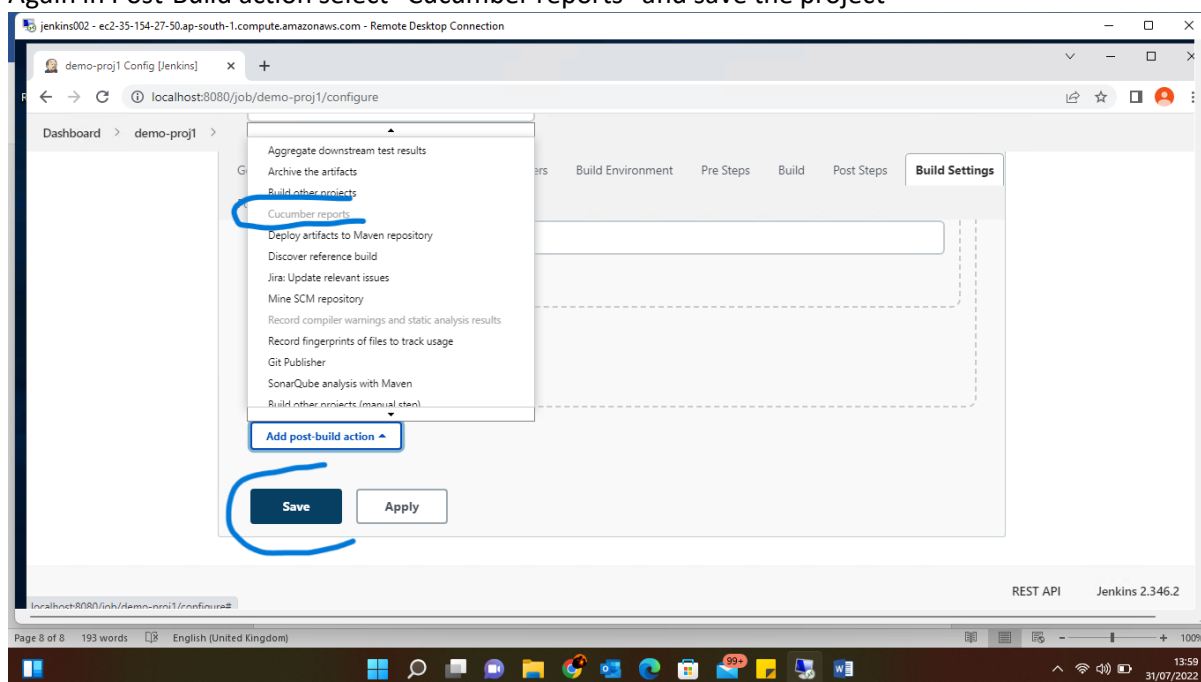15. In the tools select checkstyle and leave others default

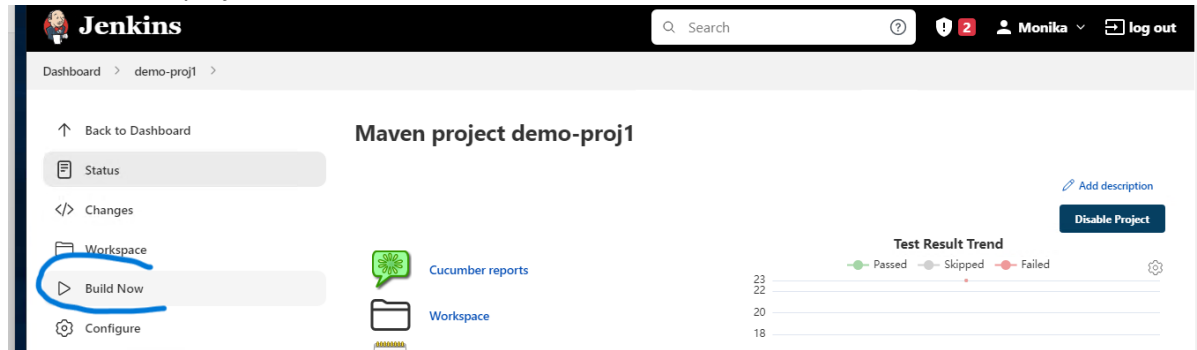16. Now add another tool PMD and leave others default

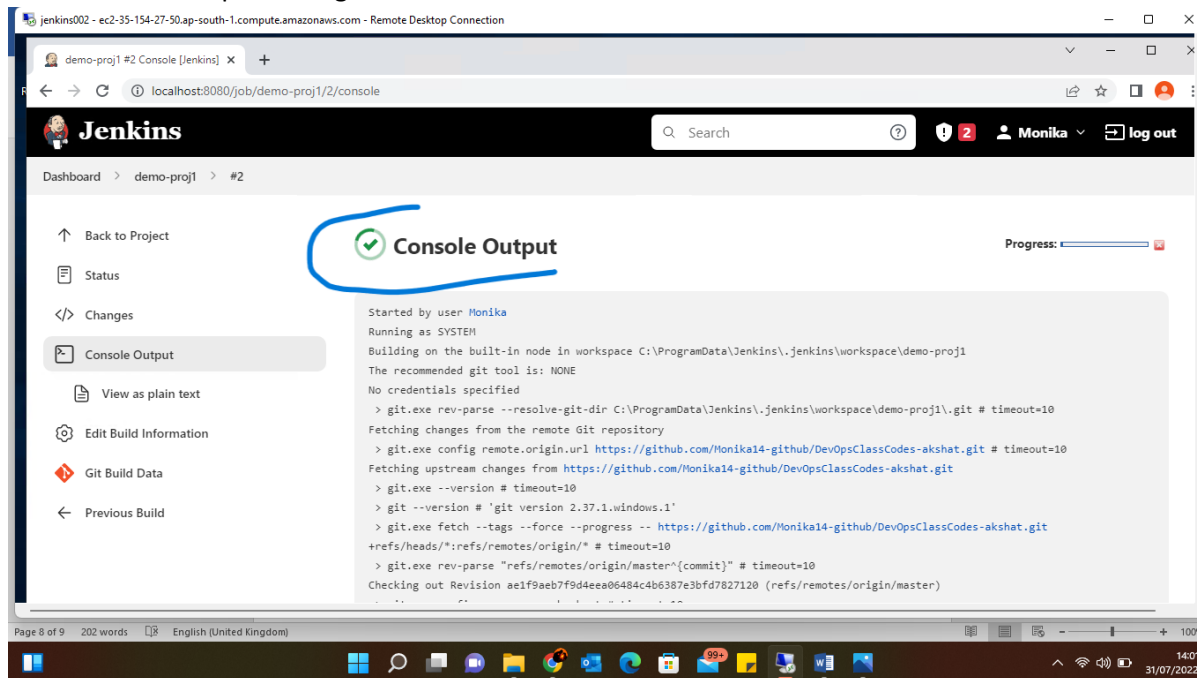17. Now add another tool findbugs and leave others default

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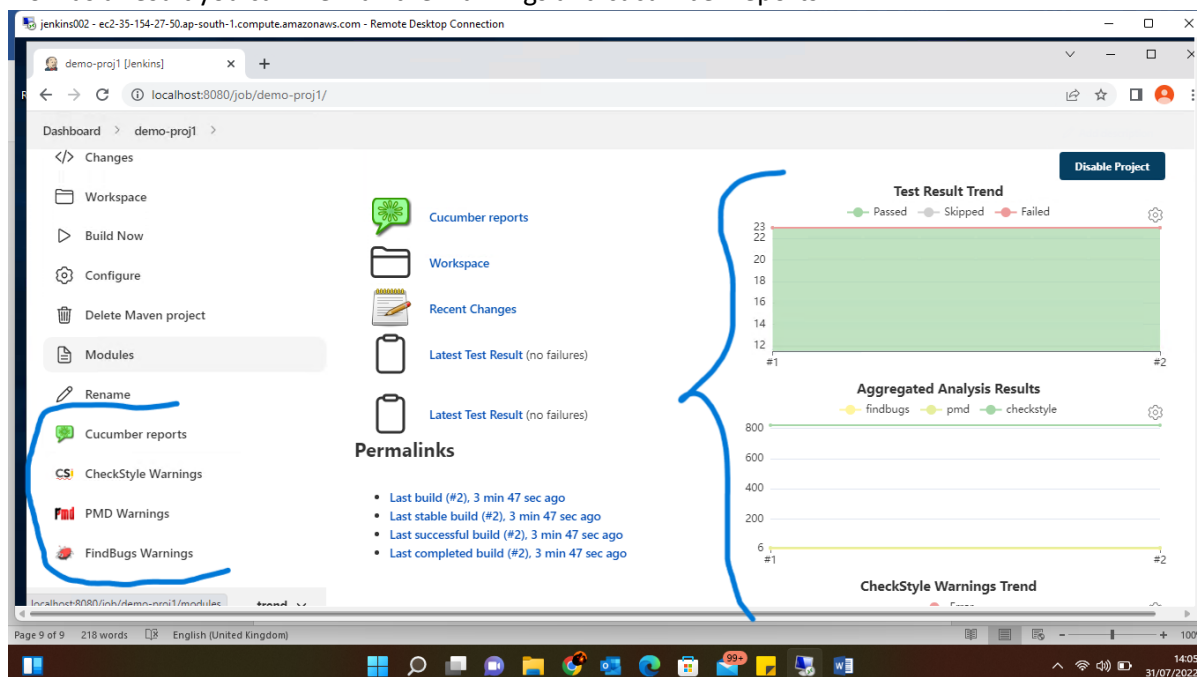
19. Now build the project

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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