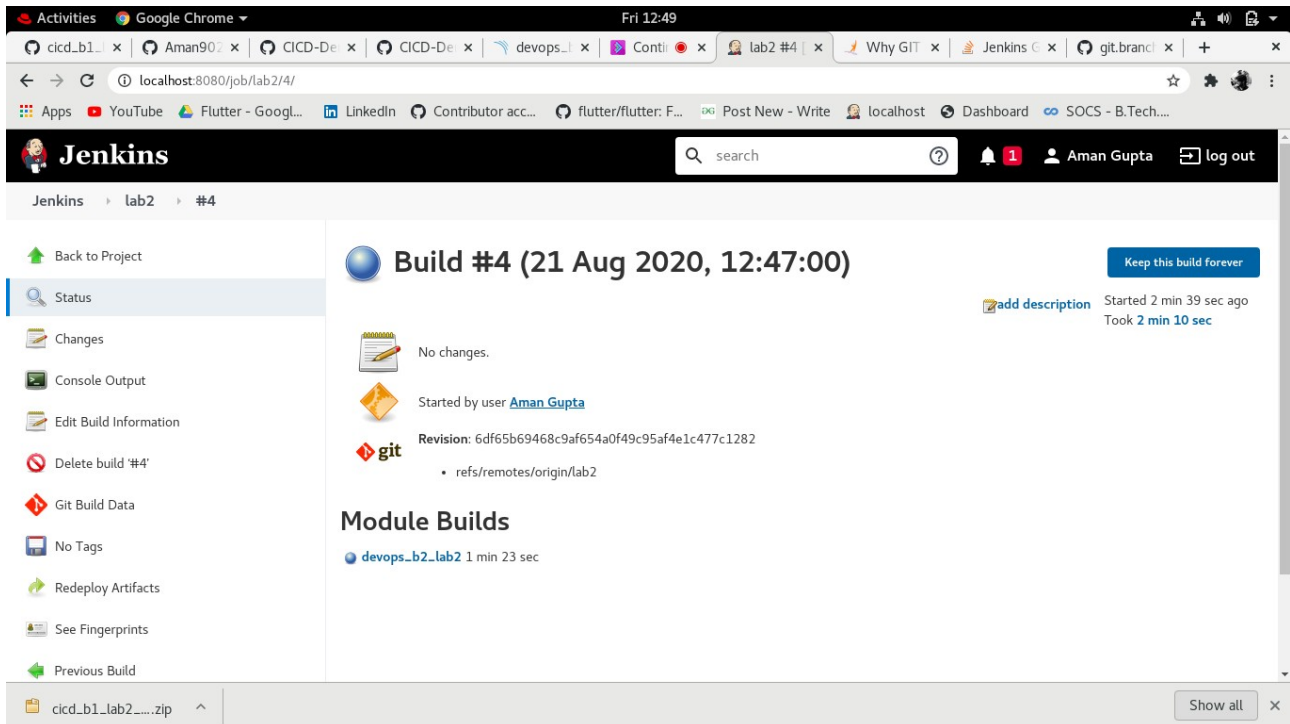
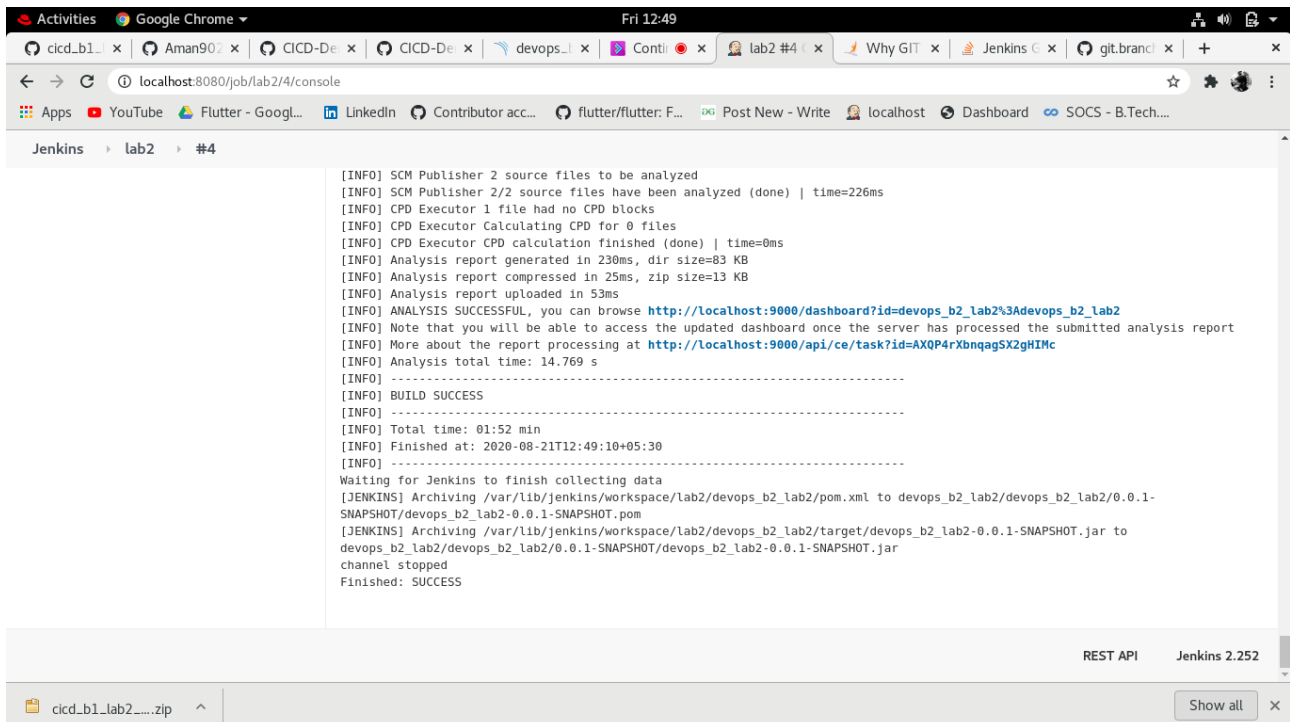


Experiment 5

Aim: Jenkins integration with SonarQube



The screenshot shows the Jenkins web interface for a build named 'Build #4' (dated 21 Aug 2020, 12:47:00). The left sidebar contains navigation links: Back to Project, Status (selected), Changes, Console Output, Edit Build Information, Delete build '#4', Git Build Data, No Tags, Redeploy Artifacts, See Fingerprints, and Previous Build. The main content area displays build details: 'No changes', 'Started by user Aman Gupta', and 'Revision: 6df65b69468c9af654a0f49c95af4e1c477c1282' from the 'refs/remotes/origin/lab2' branch. A 'Module Builds' section shows 'devops_b2_lab2' completed in 1 min 23 sec. A 'Keep this build forever' button is in the top right. The bottom status bar shows the file 'cicd_b1_lab2_...zip' and a 'Show all' link.



This screenshot shows the console output of the same Jenkins build. The output log includes the following information:

- [INFO] SCM Publisher 2 source files to be analyzed
- [INFO] SCM Publisher 2/2 source files have been analyzed (done) | time=226ms
- [INFO] CPD Executor 1 file had no CPD blocks
- [INFO] CPD Executor Calculating CPD for 0 files
- [INFO] CPD Executor CPD calculation finished (done) | time=0ms
- [INFO] Analysis report generated in 230ms, dir size=83 KB
- [INFO] Analysis report compressed in 25ms, zip size=13 KB
- [INFO] Analysis report uploaded in 53ms
- [INFO] ANALYSIS SUCCESSFUL, you can browse http://localhost:9000/dashboard?id=devops_b2_lab2%3Adevops_b2_lab2
- [INFO] Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
- [INFO] More about the report processing at <http://localhost:9000/api/ce/task?id=AXQP4rXbnqagSX2gHIMc>
- [INFO] Analysis total time: 14.769 s
- [INFO] BUILD SUCCESS
- [INFO] Total time: 01:52 min
- [INFO] Finished at: 2020-08-21T12:49:10+05:30
- [INFO] Waiting for Jenkins to finish collecting data
- [JENKINS] Archiving /var/lib/jenkins/workspace/lab2/devops_b2_lab2/pom.xml to devops_b2_lab2/devops_b2_lab2/0.0.1-SNAPSHOT/devops_b2_lab2-0.0.1-SNAPSHOT.pom
- [JENKINS] Archiving /var/lib/jenkins/workspace/lab2/devops_b2_lab2/target/devops_b2_lab2-0.0.1-SNAPSHOT.jar to devops_b2_lab2/devops_b2_lab2/0.0.1-SNAPSHOT/devops_b2_lab2-0.0.1-SNAPSHOT.jar
- channel stopped
- Finished: SUCCESS

The bottom status bar indicates 'REST API' and 'Jenkins 2.252'. The file 'cicd_b1_lab2_...zip' is still visible in the bottom bar.

