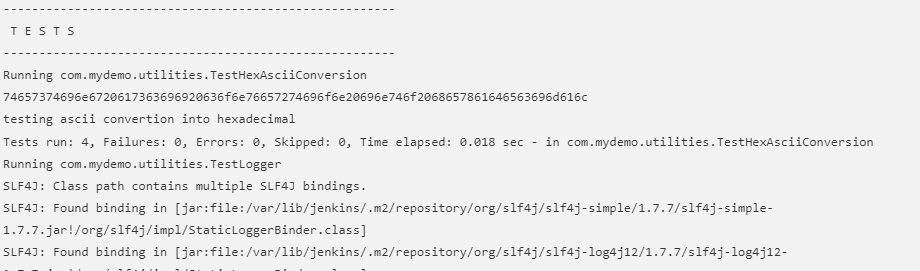
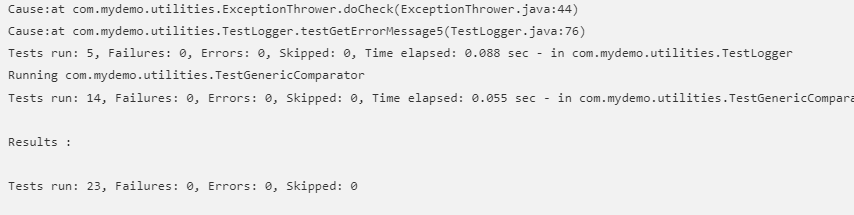
**Module 4: Continuous Integration With Jenkins**

**Done By BhavaniRaju**

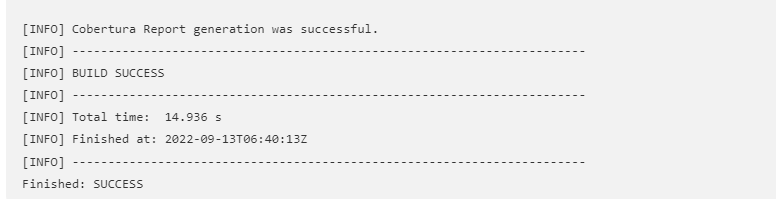
**Problem Statement**

* Create a freestyle project with the name QA\_UNIT\_TEST in Jenkins that is driven from job DEVELOPER\_CODE\_REVIEW and performs unit testing.Take a screenshot of the console output showing a successful build of unit testing.

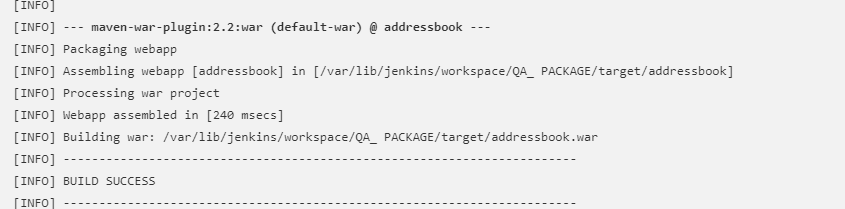


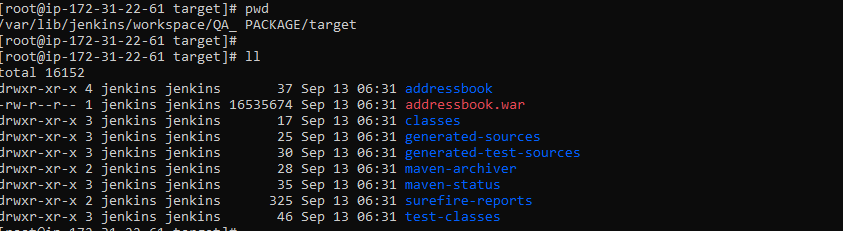


* Create a freestyle project with the name QA\_ METRICS \_CHECK in Jenkins to check the test cases. Make sure the Cobertura plugin is installed in Jenkins.Take a screenshot of the metrics from the dashboard of the project.

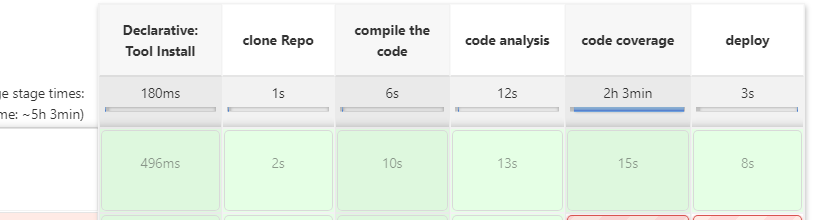


* Create a freestyle project with the name QA\_ PACKAGE in Jenkins to create an executable jar/war file. Take a screenshot of the target folder created in the workspace.





* Create a pipeline named SAMPLE\_COMPILE\_VIEW with Build Pipeline View option, select DEVELOPER\_COMPILE project under layout section, and run the pipeline to check the console output.Take a screenshot of the pipeline dashboard showing the status of the projects



* The pipelines can also be extended to running web tests and load tests. Explain how you would do the same using Jenkins?