Module 4: Continuous Integration Using Jenkins

Case Study

edureka!

Module 4: 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 successful build of unit testing

- Create a freestyle project with the name QA_ METRICS _CHECK in Jenkins to check the test cases.

  Make sure **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 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?