

# Module 4: Continuous Integration With Jenkins

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## Assignment - 1

edureka!

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## 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?