**Module 4: Continuous Integration with Jenkins Assignment - 1**

***Problem Statement & Solution Steps :-***

• 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

A computer screen shot of a computer program

AI-generated content may be incorrect.

• 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. A screenshot of a computer

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• 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. A screenshot of a computer

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• 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

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AI-generated content may be incorrect.

• The pipelines can also be extended to running web tests and load tests.

Explain how you would do the same using Jenkins?

**We will take help from Developer in preparing use case and test cases.**

**With help of developers, we will create web and load test using Jenkins.**