Q1. Build a manual ci-cd pipeline for a java application and also write a simple test.sh for testing , after that convert the same in automated ci-cd pipeline using jenkins but you have to also use maven for java application.

MANUAL CI-CD PIPELINE:

A manual CI/CD (Continuous Integration/Continuous Deployment) pipeline is a software development process that involves manually performing various stages of the CI/CD pipeline instead of using automated tools.

MAVEN:

Maven is a popular build automation tool primarily used for Java projects. It provides a way to manage a project's build, dependencies, and documentation. Maven uses a Project Object Model (POM) to manage a project's configuration, which defines the project's dependencies, build settings, and plugins.