

Assignment 3

- 1) Change the below code and add the Jfrog Repo Stage in between the pipeline script
- 2) File to add the below script after maven build
https://github.com/praveen1994dec/Java_app_3.0/blob/main/Jenkinsfile
- 3) This Assignment3 should only be done after completing the Assignment1 under Session5 of Jfrog setup in same server of Jenkins

NOTE: Change the artifactoryUrl / apiKeyOrUsername / apiKeyOrPassword of jfrog as per your jfrog repo details

```
stage('Build and Add Artifact to the repo : JFrog') {
    steps {
        script {
            // Artifactory configuration
            def artifactoryUrl = 'http://44.202.242.34:8081/artifactory'
            def repoName = 'example-repo-local'
            def targetPath = 'kubernetes-configmap-reload-0.0.1-SNAPSHOT.jar'
            def localArtifactPath =
'/var/lib/jenkins/.m2/repository/com/minikube/sample/kubernetes-configmap-reload/0.0.1-SN
APSHOT/kubernetes-configmap-reload-0.0.1-SNAPSHOT.jar'
            def apiKeyOrUsername = 'admin'
            def apiKeyOrPassword = 'Password@123'

            // Extract the filename from the localArtifactPath
            def fileName = localArtifactPath.split('/').last()

            // Construct the full URL to upload the artifact
            def uploadUrl = "${artifactoryUrl}/${repoName}/${targetPath}/${fileName}"

            // Upload the artifact using curl
            def uploadCommand = """
            curl -X PUT -u ${apiKeyOrUsername}:${apiKeyOrPassword} -T
            ${localArtifactPath} ${uploadUrl}
            """
            def uploadResult = sh(script: uploadCommand, returnStatus: true)

            if (uploadResult == 0) {
                echo "Artifact successfully uploaded to Artifactory."
            } else {
                error "Failed to upload artifact to Artifactory. Exit code: ${uploadResult}"
            }
        }
    }
}
```

Expected Output : The jar kubernetes-configmap-reload-0.0.1-SNAPSHOT.jar should be pushed to example-repo-local [Repo of jfrog]