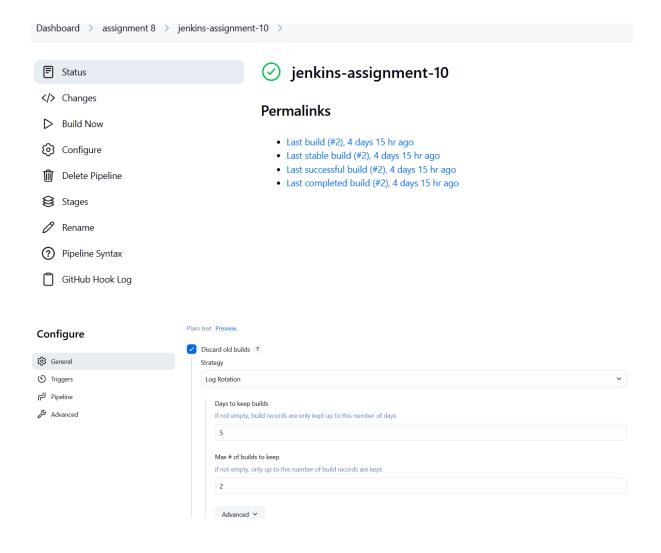
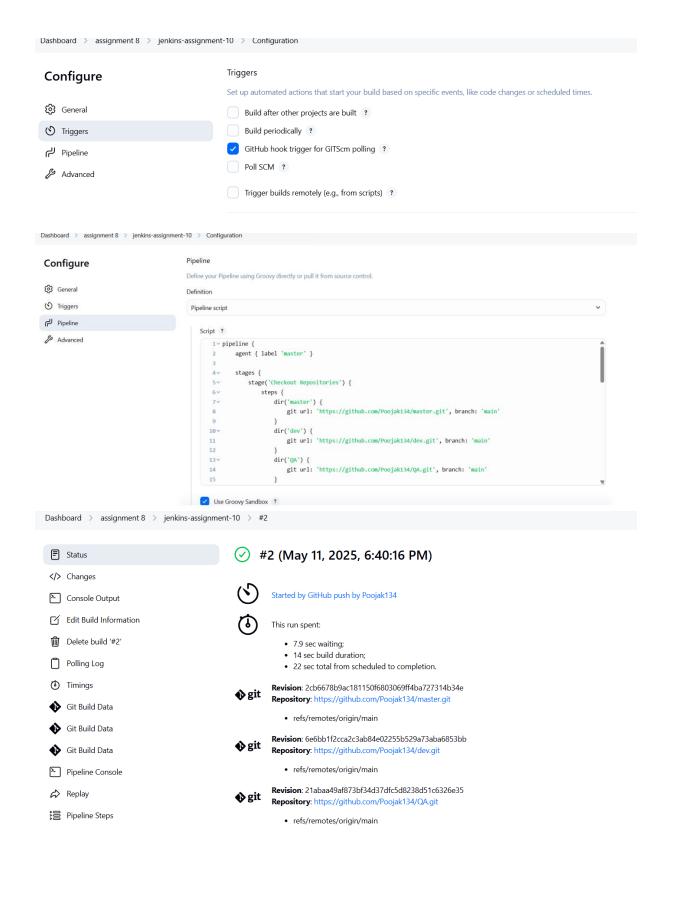
Jenkins assignment 10

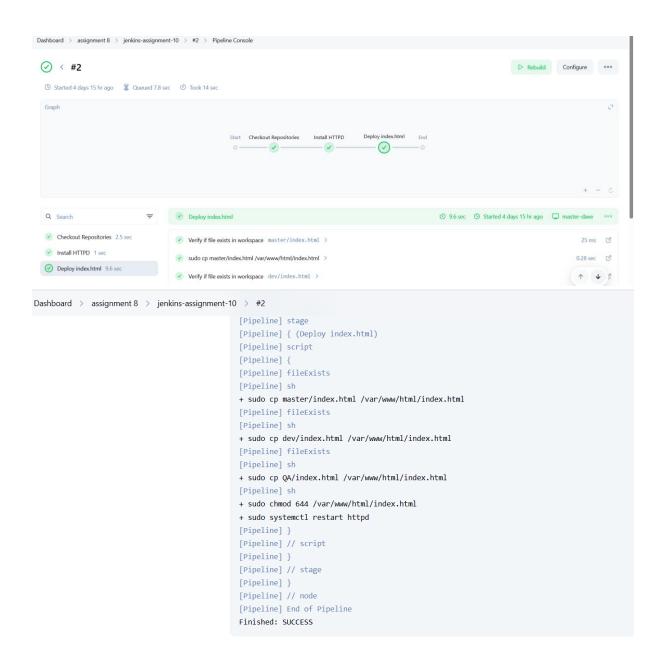
Create Jenkins declarative pipeline to build and three httpd container name c1,c2,c3 with port 80,90,8001 respectively from single repo which has three branch 2025Q1, 2025Q2, 2025Q3 and each has serving unique index.html file and verify the access of each here also add the deployment with docker volume

Note: deploy on slave machine

Create job in declarative pipeline







```
pipeline {
  agent { label 'master' }
  stages {
    stage('Checkout Repositories') {
      steps {
         dir('master') {
           git url: 'https://github.com/Poojak134/master.git', branch: 'main'
         }
         dir('dev') {
           git url: 'https://github.com/Poojak134/dev.git', branch: 'main'
         }
         dir('QA') {
           git url: 'https://github.com/Poojak134/QA.git', branch: 'main'
         }
      }
    }
    stage('Install HTTPD') {
      steps {
         sh '''
           sudo yum install -y httpd
```

```
sudo systemctl start httpd
       sudo systemctl enable httpd
  }
}
stage('Deploy index.html') {
  steps {
     script {
       // Define the target directory for the index.html file
       def targetDir = '/var/www/html/index.html'
       // Copy the index.html from each repository if it exists
       if (fileExists('master/index.html')) {
         sh "sudo cp master/index.html ${targetDir}"
       }
       if (fileExists('dev/index.html')) {
         sh "sudo cp dev/index.html ${targetDir}"
       }
       if (fileExists('QA/index.html')) {
         sh "sudo cp QA/index.html ${targetDir}"
       }
       // Set the appropriate permissions and restart Apache
       sh '''
         sudo chmod 644 /var/www/html/index.html
         sudo systemctl restart httpd
```

