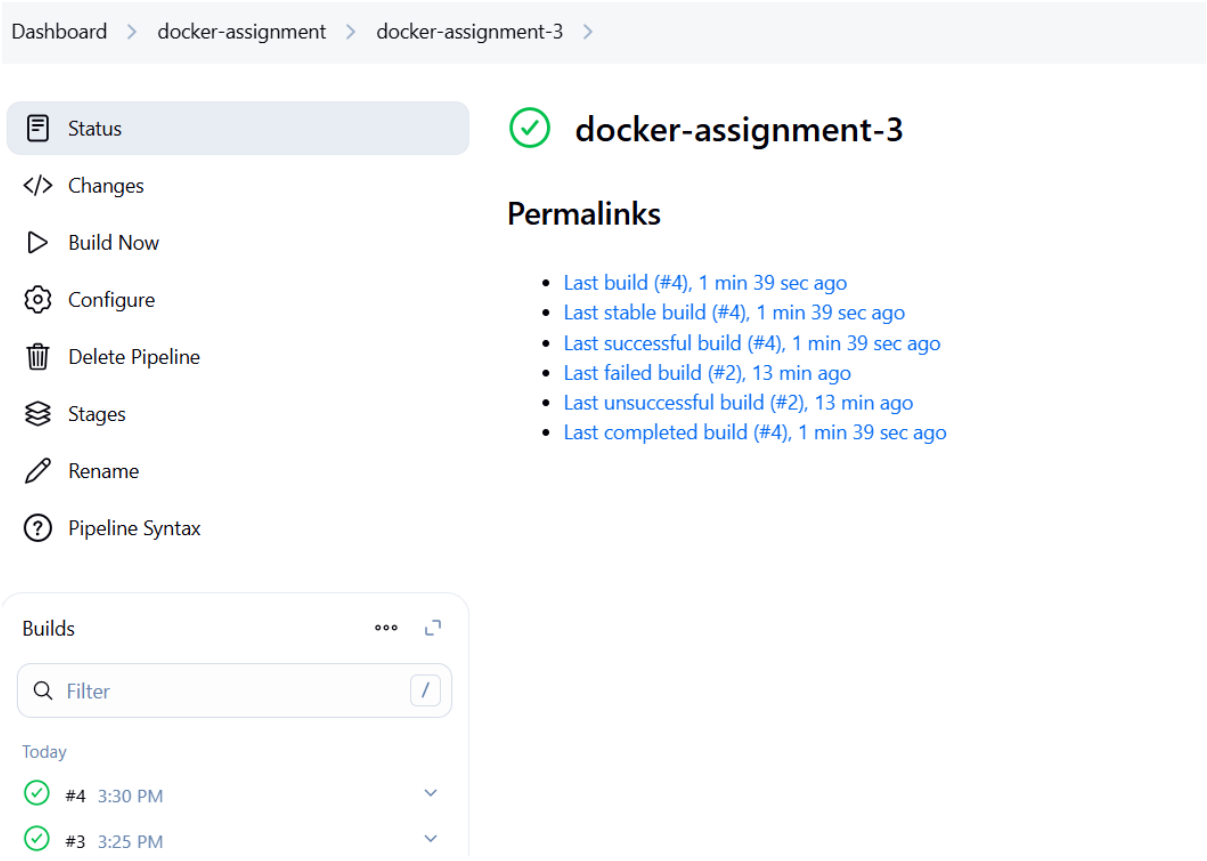
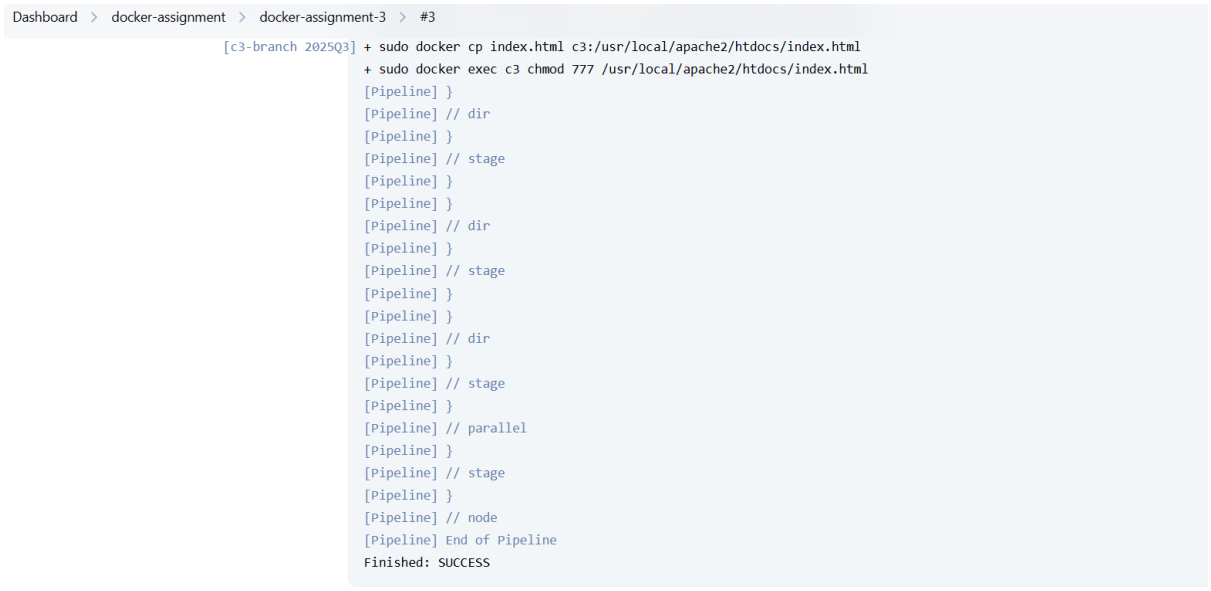
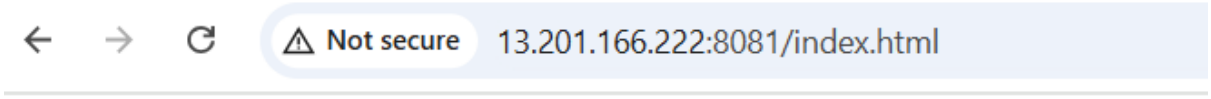
Docker assignment 3

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







this is 2025Q1 branch

Script

```
pipeline {
  agent {
    label 'slave'
  }
  stages {
    stage('Clone') {
      steps {
        git url: 'https://github.com/Poojak134/docker-httpd.git', branch: 'main'
      }
    }
    stage('Pull') {
      steps {
        sh '''
          sudo docker pull httpd:latest
          sudo docker rm -f c1 c2 c3 || true
        '''
      }
    }
    stage('Setup Containers') {
      parallel {
        stage('c1-branch 2025Q1') {
          steps {
            dir('workspace-c1') {
              git url: 'https://github.com/Poojak134/docker-httpd.git', branch: '2025Q1'
              sh '''
                sudo docker run -dp 80:80 --name c1 -v c1-webdata:/usr/local/apache2/htdocs
httpd:latest
                sudo docker cp index.html c1:/usr/local/apache2/htdocs/index.html
```

```
            sudo docker exec c1 chmod 777 /usr/local/apache2/htdocs/index.html
          '''
        }
      }
    }
    stage('c2-branch 2025Q2') {
      steps {
        dir('workspace-c2') {
          git url: 'https://github.com/Poojak134/docker-httpd.git', branch: '2025Q2'
          sh '''
            sudo docker run -dp 90:80 --name c2 -v c2-webdata:/usr/local/apache2/htdocs
httpd:latest
            sudo docker cp index.html c2:/usr/local/apache2/htdocs/index.html
            sudo docker exec c2 chmod 777 /usr/local/apache2/htdocs/index.html
          '''
        }
      }
    }
    stage('c3-branch 2025Q3') {
      steps {
        dir('workspace-c3') {
          git url: 'https://github.com/Poojak134/docker-httpd.git', branch: '2025Q3'
          sh '''
            sudo docker run -dp 8001:80 --name c3 -v c3-webdata:/usr/local/apache2/htdocs
httpd:latest
            sudo docker cp index.html c3:/usr/local/apache2/htdocs/index.html
            sudo docker exec c3 chmod 777 /usr/local/apache2/htdocs/index.html
          '''
        }
```

```
        }
      }
    }
  }
 }
}
```