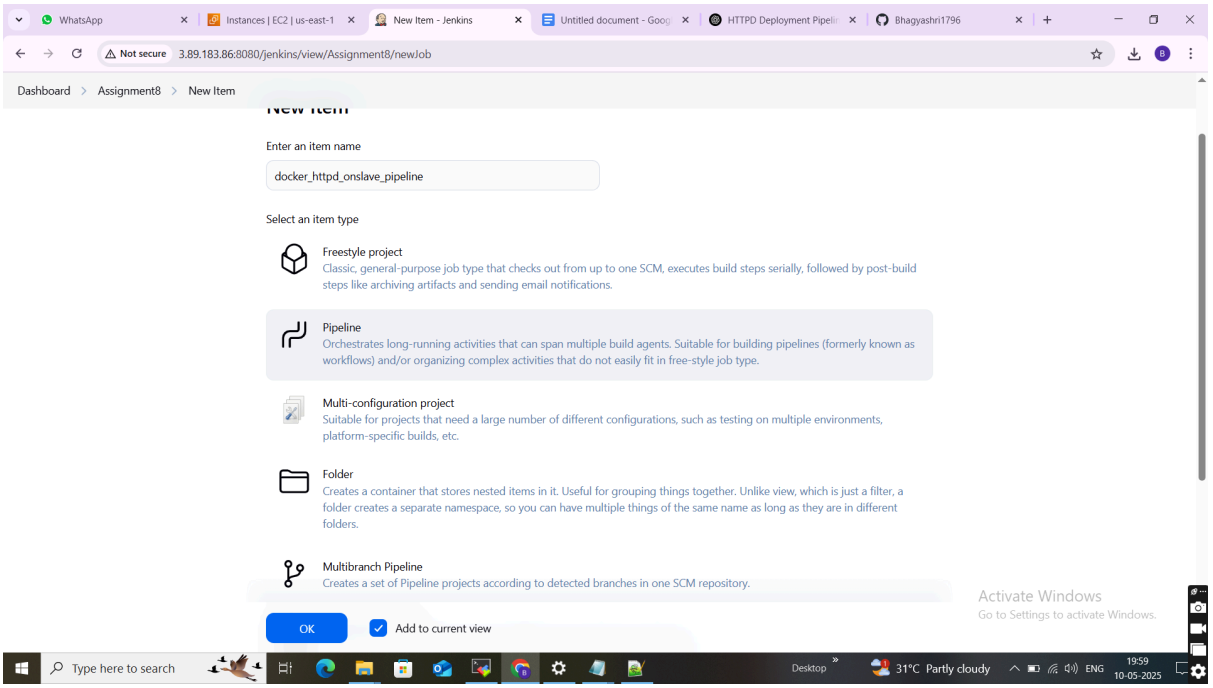
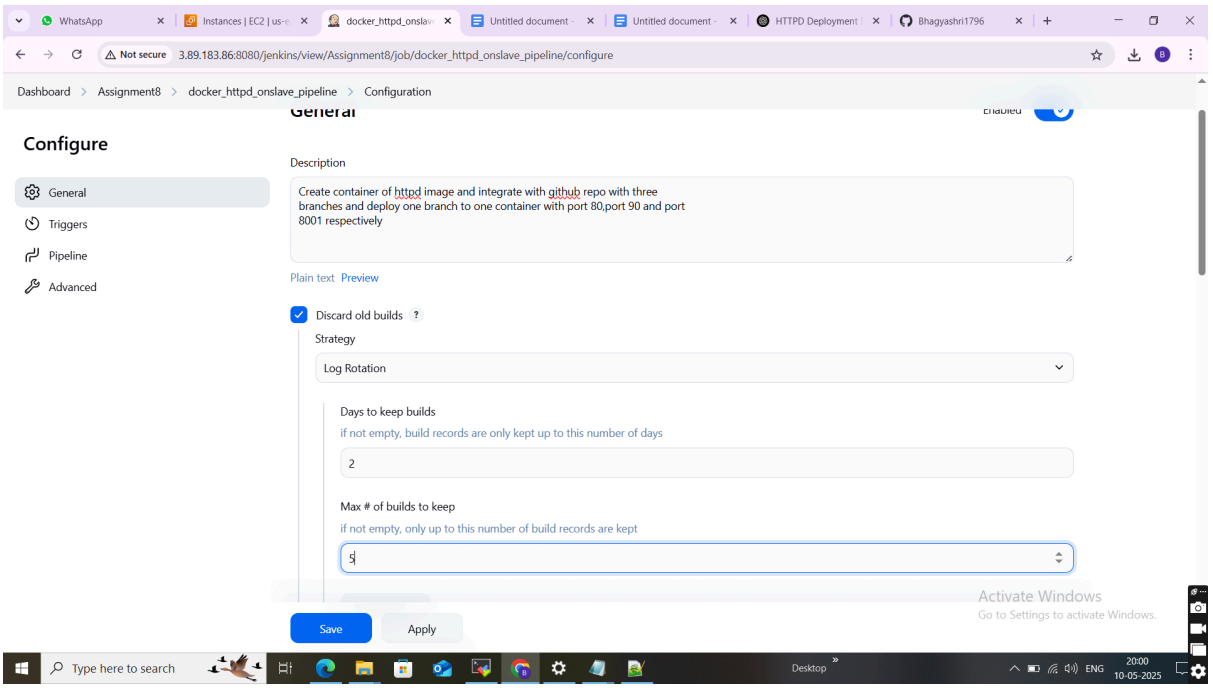
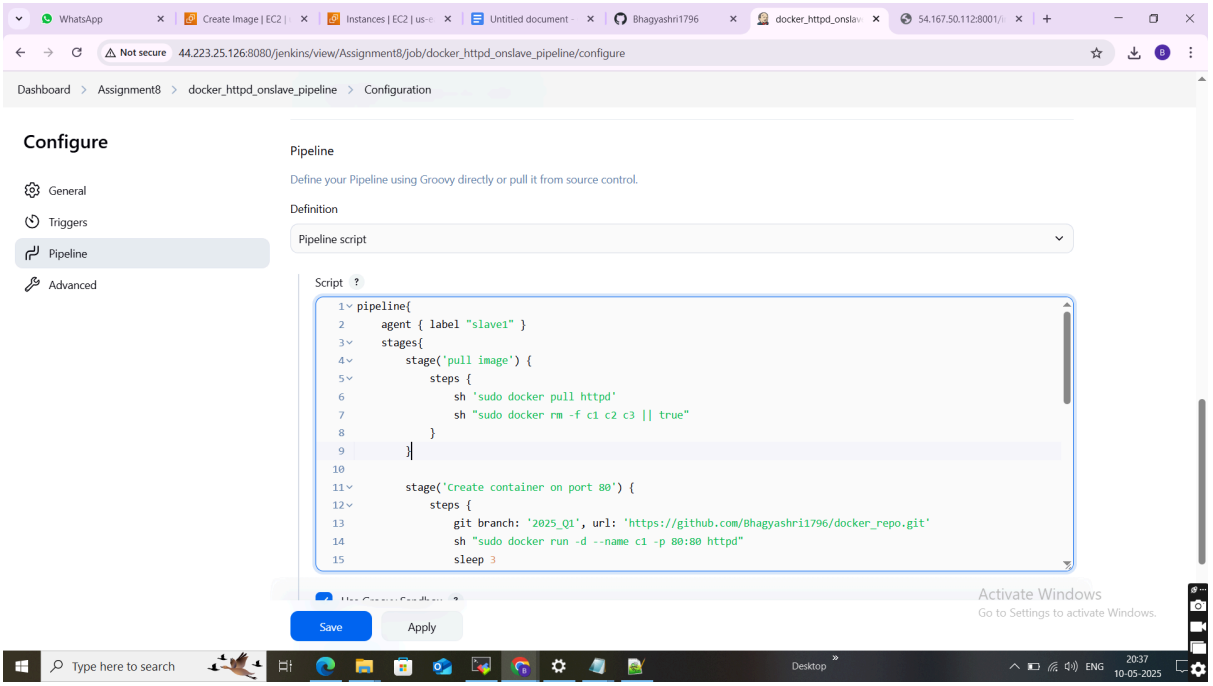
Docker

Assignment 2-Create container of httpd image and integrate with github repo with three branches and deploy one branch to one container with port 80,port 90 and port 8001 respectively and run on slave machine

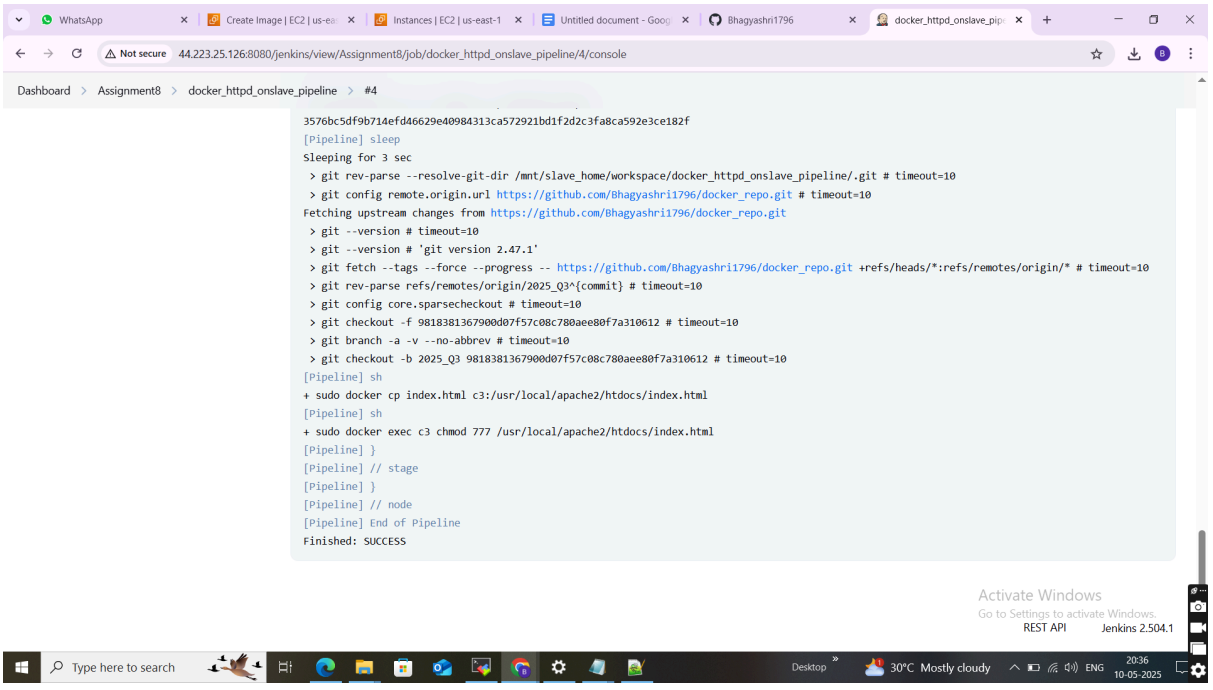


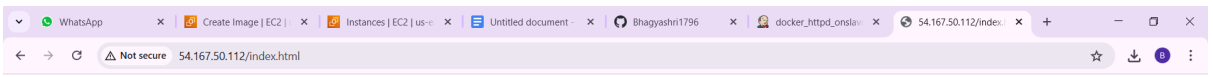




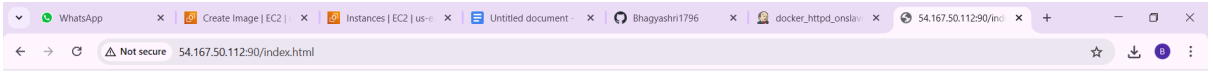

```
pipeline{
        agent { label "slave1" }
        stages{
                stage('pull image') {
        steps {
           sh 'sudo docker pull httpd'
                                sh "sudo docker rm -f c1 c2 c3 || true"
        }
      }

                stage('Create container on port 80') {
                        steps {
                                git branch: '2025_Q1', url:
'https://github.com/Bhagyashri1796/docker_repo.git'
                                sh "sudo docker run -d --name c1 -p 80:80 httpd"
            sleep 3
                                sh "sudo docker cp index.html
c1:/usr/local/apache2/htdocs/index.html"
                                sh "sudo docker exec c1 chmod 777
/usr/local/apache2/htdocs/index.html"
                        }
                }
                stage('Create container on port 90') {
                        steps {
                                git branch: '2025_Q2', url:
'https://github.com/Bhagyashri1796/docker_repo.git'
                                sh "sudo docker run -d --name c2 -p 90:80 httpd"
            sleep 3
                                sh "sudo docker cp index.html
c2:/usr/local/apache2/htdocs/index.html"
```

```
                        sh "sudo docker exec c2 chmod 777
/usr/local/apache2/htdocs/index.html"
                    }
                }
                stage('Create container on port 8001') {
                    steps {
                        git branch: '2025_Q3', url:
'https://github.com/Bhagyashri1796/docker_repo.git'
                        sh "sudo docker run -d --name c3 -p 8001:80 httpd"
            sleep 3
                        sh "sudo docker cp index.html
c3:/usr/local/apache2/htdocs/index.html"
                        sh "sudo docker exec c3 chmod 777
/usr/local/apache2/htdocs/index.html"
                    }
                }
        }
}
```

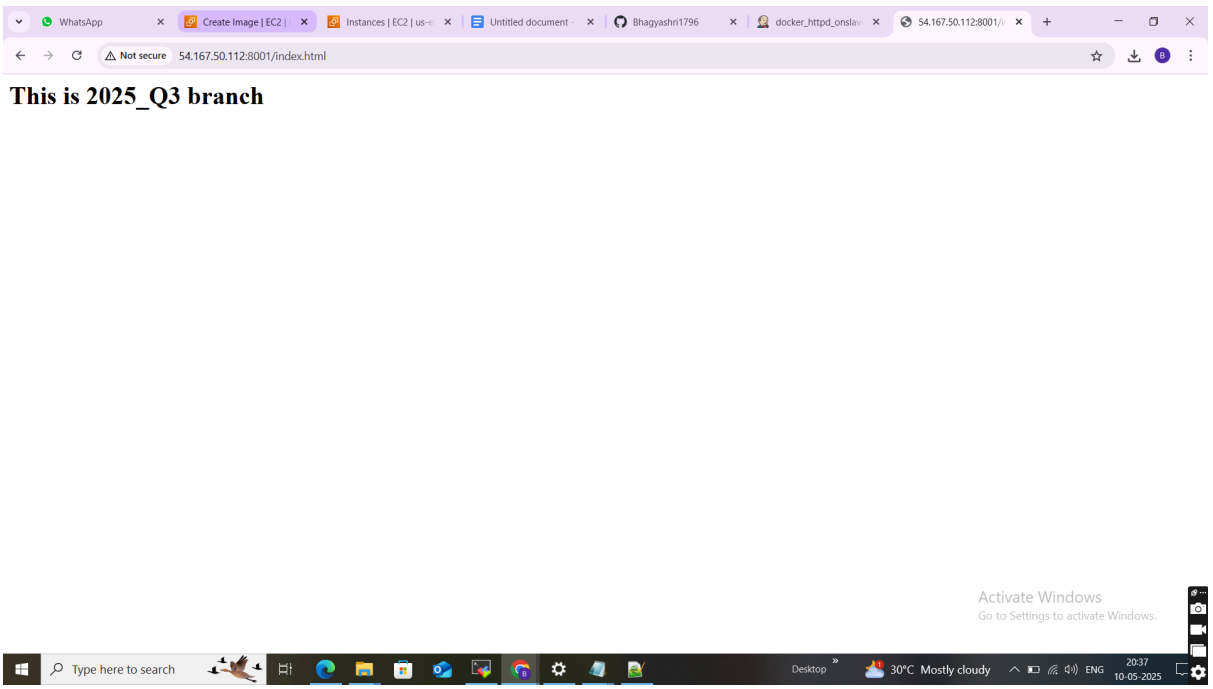




This is 2025_Q1 branch



This is 2025_Q2 branch


WhatsApp
Create Image | EC2 |
Instances | EC2 | us-e
Untitled document -
Bhagyashri1796
docker_httpd_onslav
54.167.50.112:8001/i
Not secure
54.167.50.112:8001/index.html
This is 2025_Q3 branch
Activate Windows
Go to Settings to activate Windows.
Type here to search
Desktop
30°C Mostly cloudy
ENG
20:37
10-05-2025