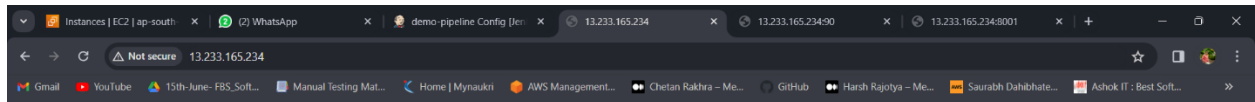

Docker Assignment-1

We have one repo in that 3 branches are there, that branch contains index file.

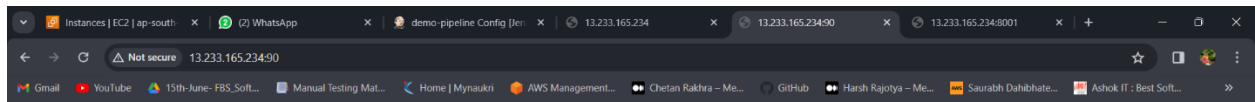
Create Jenkins job to deploy index file on httpd container

The screenshot shows the Jenkins Pipeline Configuration page for a job named 'demo-pipeline'. The 'Script' tab is selected, displaying a Groovy script. The script defines three stages: 'install docker', 'delte wsp' (sic), and 'clone'. The 'install docker' stage runs 'yum install docker -y' and 'systemctl start docker'. The 'delte wsp' stage runs 'rm -rf /root/wsp/*'. The 'clone' stage clones three branches (23Q1, 23Q2, 23Q3) from a GitHub repository and copies the 'index.html' file to the root of each branch. A final stage, 'copy index file in container', copies the 'index.html' file from each branch to the 'httpd' container's '/usr/local/apache2/htdocs/' directory.

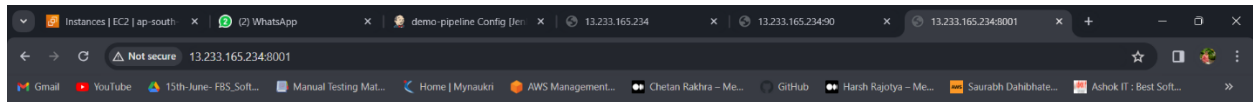
```
1 stages{
2   stage('install docker'){
3     steps{
4       sh "yum install docker -y"
5       sh "systemctl start docker"
6     }
7   }
8   stage('delte wsp'){
9     steps{
10      sh "rm -rf /root/wsp/*"
11    }
12  }
13  stage('clone'){
14    steps{
15      sh "git clone https://github.com/AniketUdale/docker-repo.git 23Q1 -b 23Q1"
16      sh "git clone https://github.com/AniketUdale/docker-repo.git 23Q2 -b 23Q2"
17      sh "git clone https://github.com/AniketUdale/docker-repo.git 23Q3 -b 23Q3"
18      sh "chmod -R 777 /root/wsp/23Q1/index.html"
19      sh "chmod -R 777 /root/wsp/23Q2/index.html"
20      sh "chmod -R 777 /root/wsp/23Q3/index.html"
21    }
22  }
23  stage('copy index file in container'){
24    steps{
25      sh "docker cp /root/wsp/23Q1/index.html httpd-1:/usr/local/apache2/htdocs/"
26      sh "docker cp /root/wsp/23Q2/index.html httpd-2:/usr/local/apache2/htdocs/"
27      sh "docker cp /root/wsp/23Q3/index.html httpd-3:/usr/local/apache2/htdocs/"
28    }
29  }
30 }
```



Deployed httpd container on port80



Deployed on httpd container on port 90



this is index file from 23Q3 branch



Deployed on port 8001