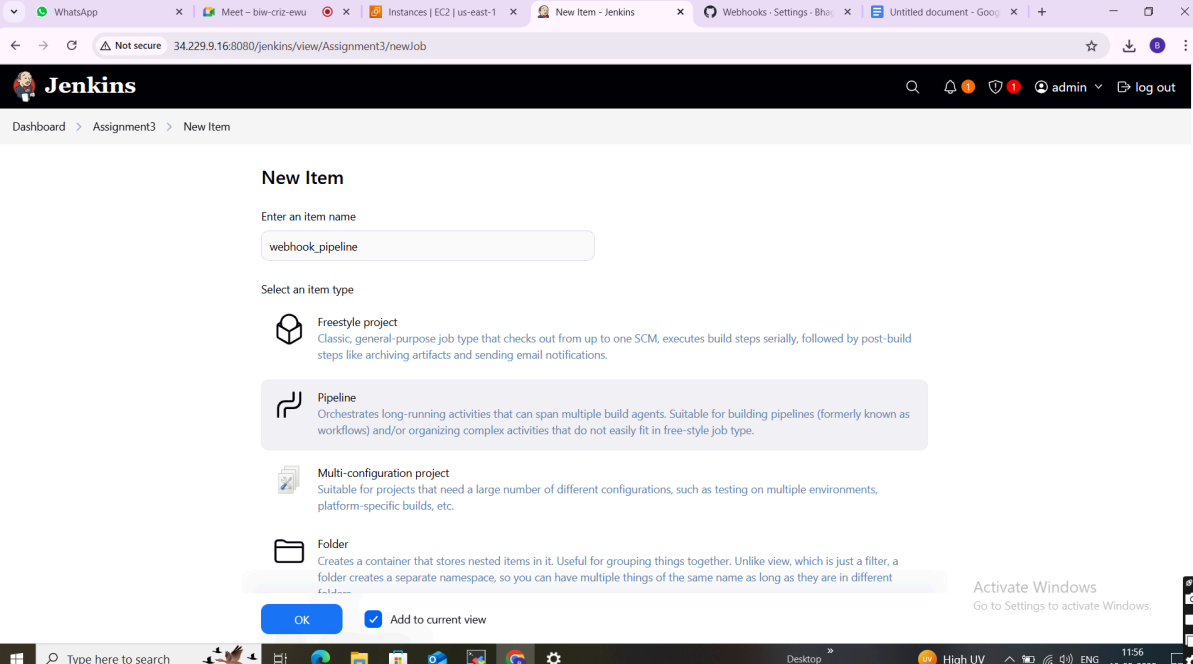
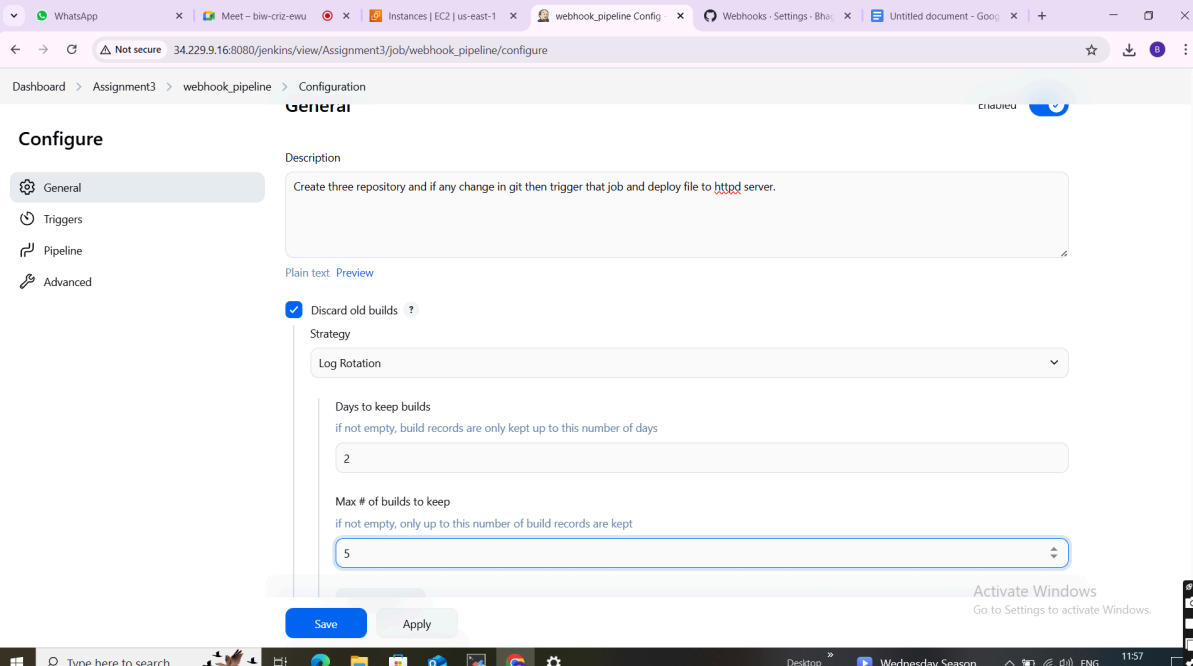


Assignment 3.1- Create three repository and if any change in git then trigger that job and deploy file to httpd server using pipeline.



The screenshot shows the Jenkins 'New Item' page. The browser address bar indicates the URL is `34.229.9.16:8080/jenkins/view/Assignment3/newJob`. The Jenkins header shows the user is logged in as 'admin'. The breadcrumb trail is 'Dashboard > Assignment3 > New Item'. The 'New Item' section has a text input field for 'Enter an item name' containing 'webhook_pipeline'. Below this, the 'Select an item type' section lists four options: 'Freestyle project', 'Pipeline', 'Multi-configuration project', and 'Folder'. The 'Pipeline' option is highlighted. At the bottom, there are 'OK' and 'Add to current view' buttons. The Windows taskbar at the bottom shows the time as 11:56 on 10-05-2025.



The screenshot shows the Jenkins 'Configure' page for the 'webhook_pipeline' job. The browser address bar indicates the URL is `34.229.9.16:8080/jenkins/view/Assignment3/job/webhook_pipeline/configure`. The breadcrumb trail is 'Dashboard > Assignment3 > webhook_pipeline > Configuration'. The 'General' tab is selected in the left sidebar. The 'Description' field contains the text: 'Create three repository and if any change in git then trigger that job and deploy file to httpd server.' Below this, the 'Discard old builds' checkbox is checked. The 'Strategy' dropdown is set to 'Log Rotation'. The 'Days to keep builds' field is set to '2'. The 'Max # of builds to keep' field is set to '5'. At the bottom, there are 'Save' and 'Apply' buttons. The Windows taskbar at the bottom shows the time as 11:57 on 10-05-2025.

The image displays two screenshots of the Jenkins configuration page for a pipeline named 'webhook_pipeline'. The top screenshot shows the 'Triggers' section, where the 'GitHub hook trigger for GITScm polling' option is selected. The bottom screenshot shows the 'Definition' section, where the 'Pipeline script' is defined using a Groovy script. The script defines a pipeline with a built-in agent and two stages: 'install and start httpd' and 'master_repo'. The 'master_repo' stage uses a git branch named 'master' and pulls the code from a specific GitHub repository. The 'Use Groovy Sandbox' option is checked in the bottom screenshot.

Configuration Details:

- Triggers:**
 - ☐ This project is parameterized ?
 - ☐ Throttle builds ?
 - ☐ Build after other projects are built ?
 - ☐ Build periodically ?
 - ☒ GitHub hook trigger for GITScm polling ?
 - ☐ Poll SCM ?
 - ☐ Trigger builds remotely (e.g., from scripts) ?
- Pipeline:**
 - Definition: Pipeline script
 - Script:

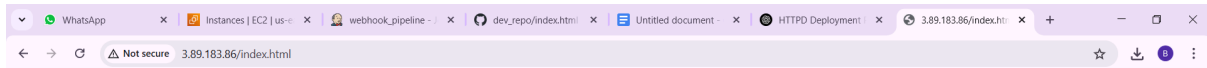
```
1 pipeline {
2   agent {
3     label "built-in"
4   }
5   stages {
6     stage('install and start httpd'){
7       steps {
8         sh "sudo yum install httpd -y"
9         sh "sudo service httpd start"
10      }
11    }
12    stage ("master_repo"){
13      steps {
14        git branch: "master", url: "https://github.com/Bhagyashri1796/master_repo.git"
15        sh "sudo cp -r index.html /var/www/html/"
16      }
17    }
18  }
19 }
```
 - ☒ Use Groovy Sandbox ?

```
pipeline {
  agent {
    label "built-in"
  }
  stages {
    stage('install and start httpd'){
      steps {
        sh "sudo yum install httpd -y"
        sh "sudo service httpd start"
      }
    }
  }
}
```

```

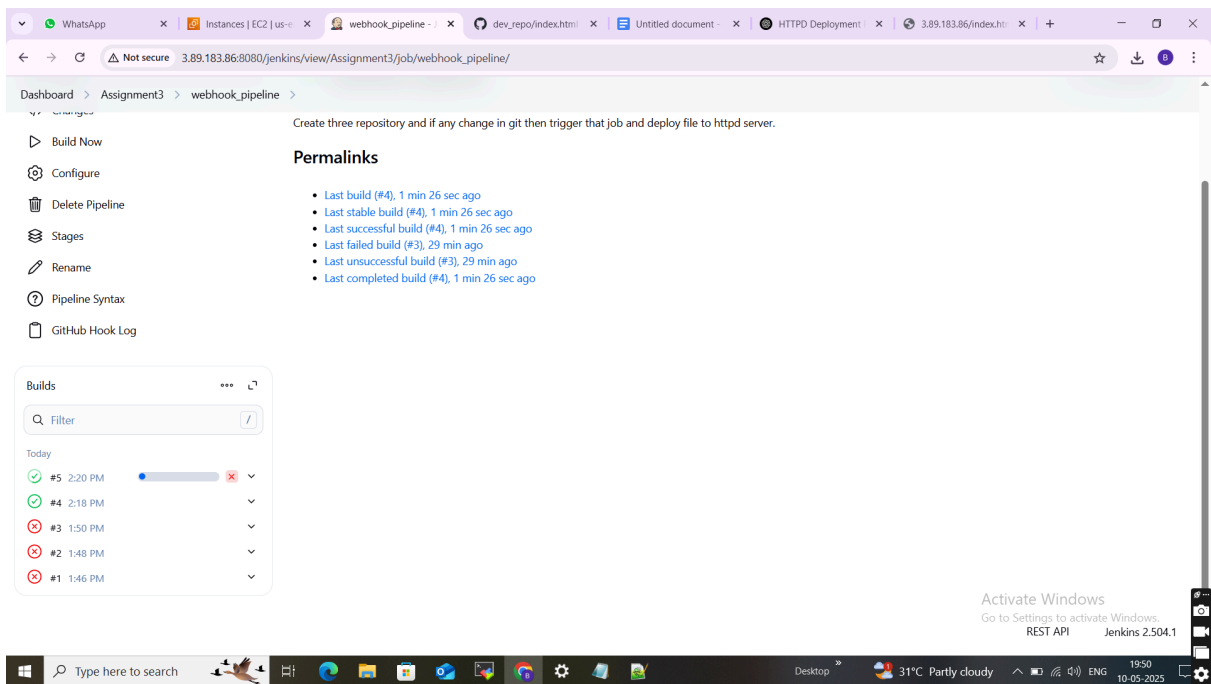
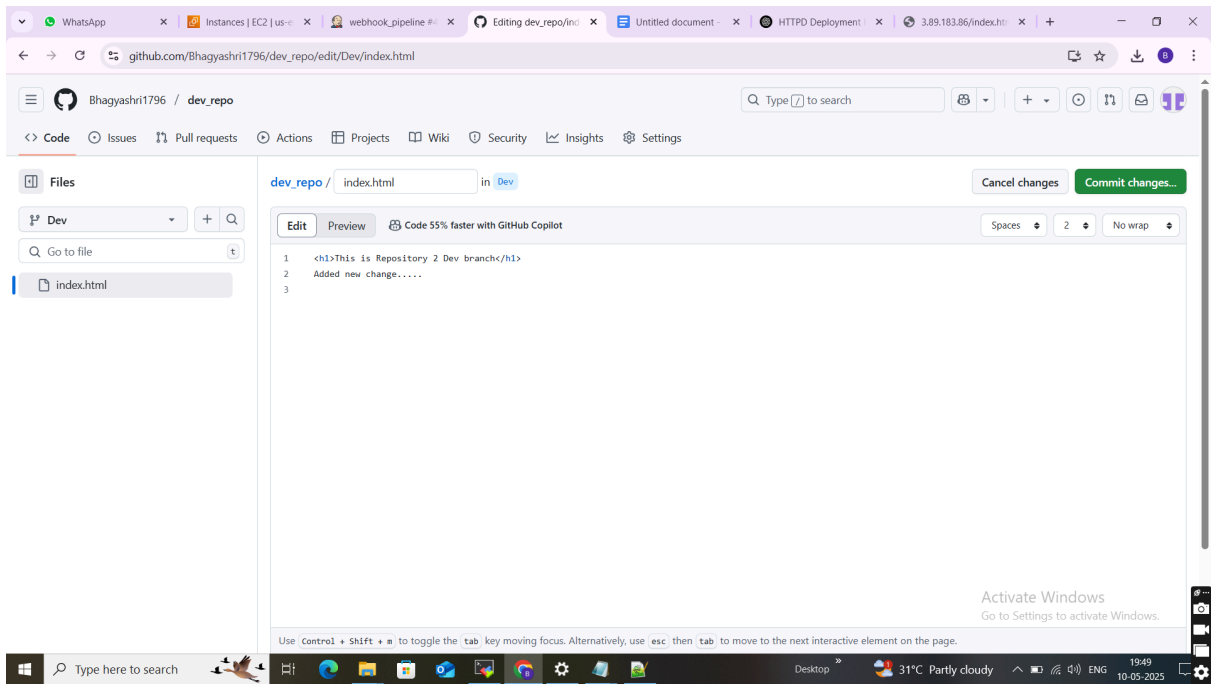
stage ("master_repo"){
  steps {
    git branch: "master", url: "https://github.com/Bhagyashri1796/master_repo.git"
    sh "sudo cp -r index.html /var/www/html/"
    sh "sudo chmod 777 /var/www/html/index.html"
  }
}
stage ("dev_repo"){
  steps {
    git branch: "Dev", url: "https://github.com/Bhagyashri1796/dev_repo.git"
    sh "sudo cp -r index.html /var/www/html/"
    sh "sudo chmod 777 /var/www/html/index.html"
  }
}
stage ("qa_repo"){
  steps {
    git branch: "QA", url: "https://github.com/Bhagyashri1796/QA_repo.git"
    sh "sudo cp -r index.html /var/www/html/"
    sh "sudo chmod 777 /var/www/html/index.html"
  }
}
}
}
}

```



This is Repo 3 QA branch





Dashboard > Assignment3 > webhook_pipeline > #5

```
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Bhagyashri1796/QA_repo.git # timeout=10
Fetching upstream changes from https://github.com/Bhagyashri1796/QA_repo.git
> git --version # timeout=10
> git --version # 'git version 2.47.1'
> git fetch --tags --force --progress -- https://github.com/Bhagyashri1796/QA_repo.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/QA^[commit] # timeout=10
Checking out Revision bed23e6d294767aafabb3308951909b5cc188a98 (refs/remotes/origin/QA)
> git config core.sparsecheckout # timeout=10
> git checkout -f bed23e6d294767aafabb3308951909b5cc188a98 # timeout=10
> git branch -a -v --no-abbrev # timeout=10
> git branch -D QA # timeout=10
> git checkout -b QA bed23e6d294767aafabb3308951909b5cc188a98 # timeout=10
Commit message: "Update index.html"
> git rev-list --no-walk bed23e6d294767aafabb3308951909b5cc188a98 # timeout=10
[Pipeline] sh
+ sudo cp -r index.html /var/www/html/
[Pipeline] sh
+ sudo chmod 777 /var/www/html/index.html
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Activate Windows
Go to Settings to activate Windows.

REST API Jenkins 2.504.1

Desktop 31°C Partly cloudy 19:50 10-05-2025

Assignment3 - Jenkins > dev_repo/index.html

This is Repository 2 Dev branch

Added new change.....

Activate Windows
Go to Settings to activate Windows.

Desktop 31°C Partly cloudy 19:51 10-05-2025