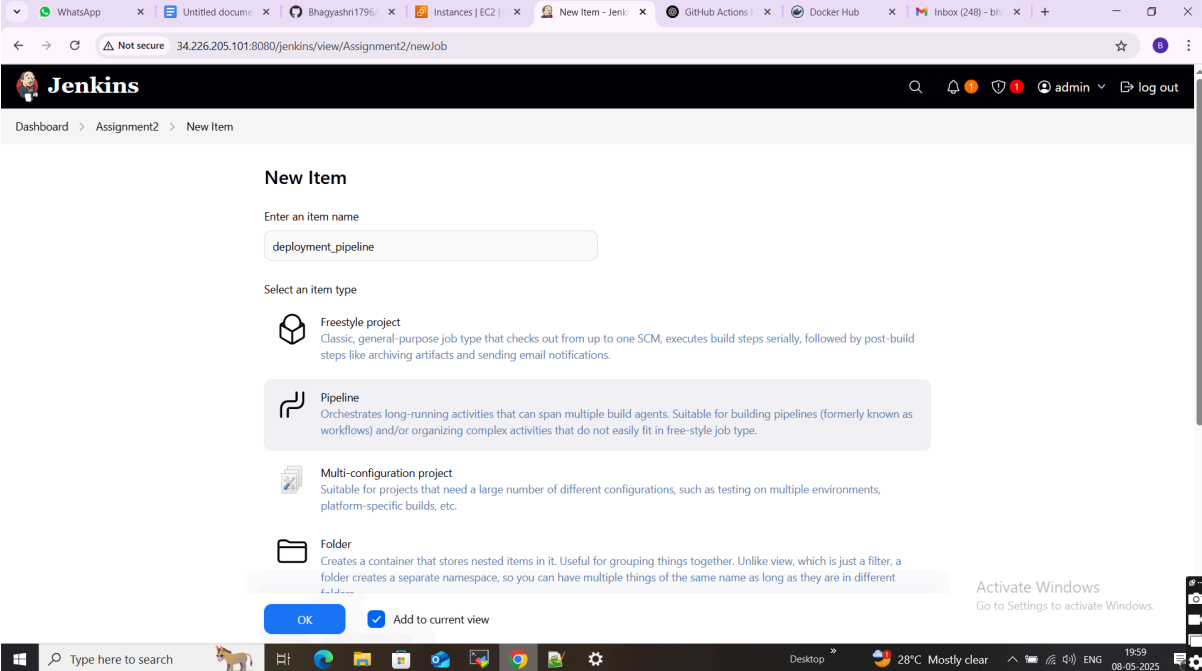
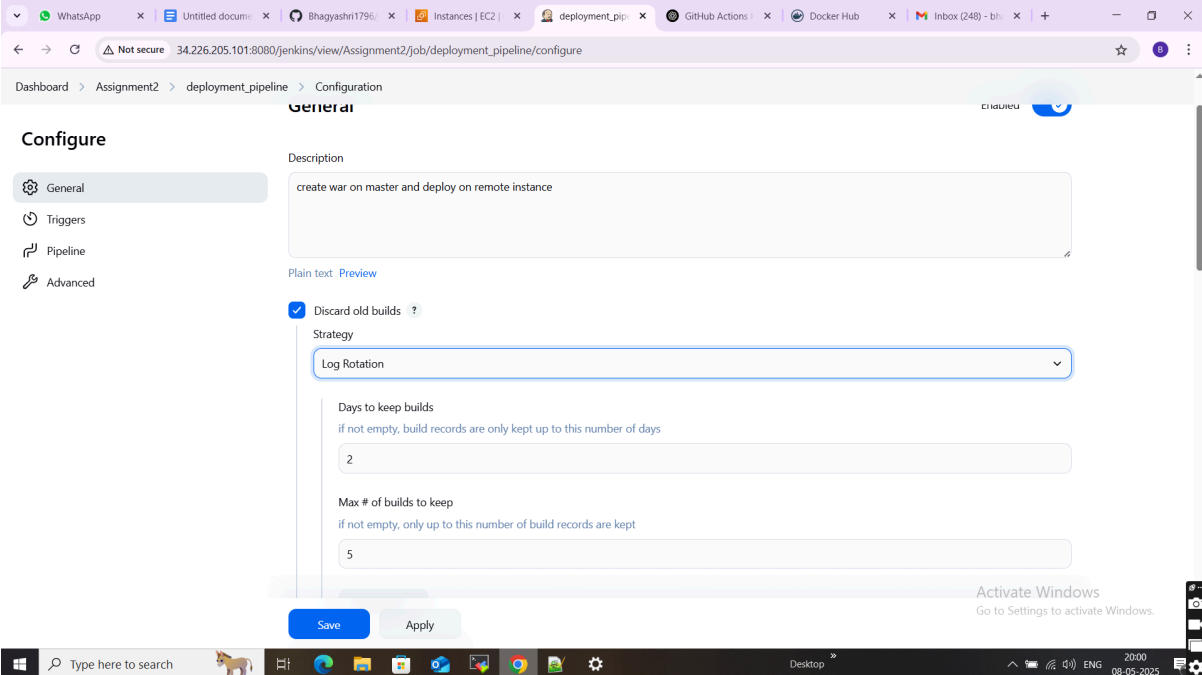


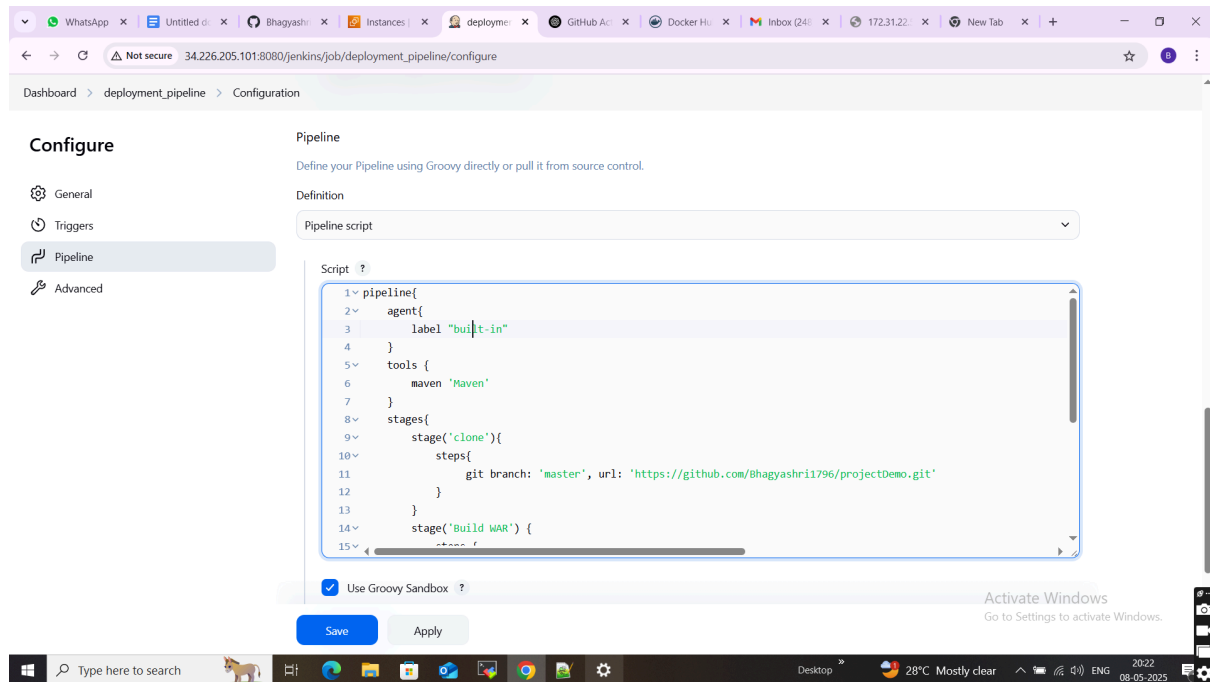
Assignment 2.1 Create war on master and deploy on remote instance



The screenshot shows the Jenkins 'New Item' page. The browser address bar indicates the URL is 34.226.205.101:8080/jenkins/view/Assignment2/newJob. The Jenkins header shows the user is logged in as 'admin'. The breadcrumb trail is 'Dashboard > Assignment2 > New Item'. The main heading is 'New Item'. Below it, there is a text input field for 'Enter an item name' containing 'deployment_pipeline'. Under 'Select an item type', four options are listed: 'Freestyle project' (Classic, general-purpose job type), 'Pipeline' (Orchestrates long-running activities), 'Multi-configuration project' (Suitable for projects that need a large number of different configurations), and 'Folder' (Creates a container that stores nested items). The 'Pipeline' option is highlighted. At the bottom, there are 'OK' and 'Add to current view' buttons. An 'Activate Windows' watermark is visible in the bottom right corner.



The screenshot shows the Jenkins 'Configure' page for the 'deployment_pipeline' job. The browser address bar indicates the URL is 34.226.205.101:8080/jenkins/view/Assignment2/job/deployment_pipeline/configure. The breadcrumb trail is 'Dashboard > Assignment2 > deployment_pipeline > Configuration'. The left sidebar shows the 'Configure' section with tabs for 'General', 'Triggers', 'Pipeline', and 'Advanced'. The 'General' tab is selected. The 'Description' field contains 'create war on master and deploy on remote instance'. Below it, 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', and the 'Max # of builds to keep' field is set to '5'. At the bottom, there are 'Save' and 'Apply' buttons. An 'Activate Windows' watermark is visible in the bottom right corner.



```
pipeline{
    agent{
        label "built-in"
    }
    tools {
        maven 'Maven'
    }
    stages{
        stage('clone'){
            steps{
                git branch: 'master', url:
'https://github.com/Bhagyashri1796/projectDemo.git'
            }
        }
        stage('Build WAR') {
            steps {
                sh 'mvn clean install'
            }
        }
        stage('transfer war to remote'){
            steps {
                sh 'chmod 400 /root/"us-virginia-key.pem"'
                sh 'scp -o StrictHostKeyChecking=no -i
/root/us-virginia-key.pem
/root/.jenkins/workspace/deployment_pipeline/target/LoginWebApp.war
ec2-user@50.17.86.97:/mnt/servers/apache-tomcat-10.1.40/webapps'
```

```
}  
  
}  
  
}  
  
}
```

Dashboard > deployment_pipeline > #4

```
[Pipeline] }  
[Pipeline] // stage  
[Pipeline] stage  
[Pipeline] { (transfer war to remote)  
[Pipeline] tool  
[Pipeline] envVarsForTool  
[Pipeline] withEnv  
[Pipeline] {  
[Pipeline] sh  
+ chmod 400 /root/us-virginia-key.pem  
[Pipeline] sh  
+ scp -o StrictHostKeyChecking=no -i /root/us-virginia-key.pem /root/.jenkins/workspace/deployment_pipeline/target/LoginWebApp.war ec2-  
user@50.17.86.97:/mnt/servers/apache-tomcat-10.1.40/webapps  
Warning: Permanently added '50.17.86.97' (ED25519) to the list of known hosts.  
[Pipeline] }  
[Pipeline] // withEnv  
[Pipeline] }  
[Pipeline] // stage  
[Pipeline] }  
[Pipeline] // withEnv  
[Pipeline] }  
[Pipeline] // node  
[Pipeline] End of Pipeline  
Finished: SUCCESS
```

Activate Windows
Go to Settings to activate Windows.
REST API Jenkins 2.504.1

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50.17.86.97:8080/LoginWebApp/

Login Page

Username

Password

New User [Register Here](#)

Activate Windows
Go to Settings to activate Windows.

2023
08-05-2025