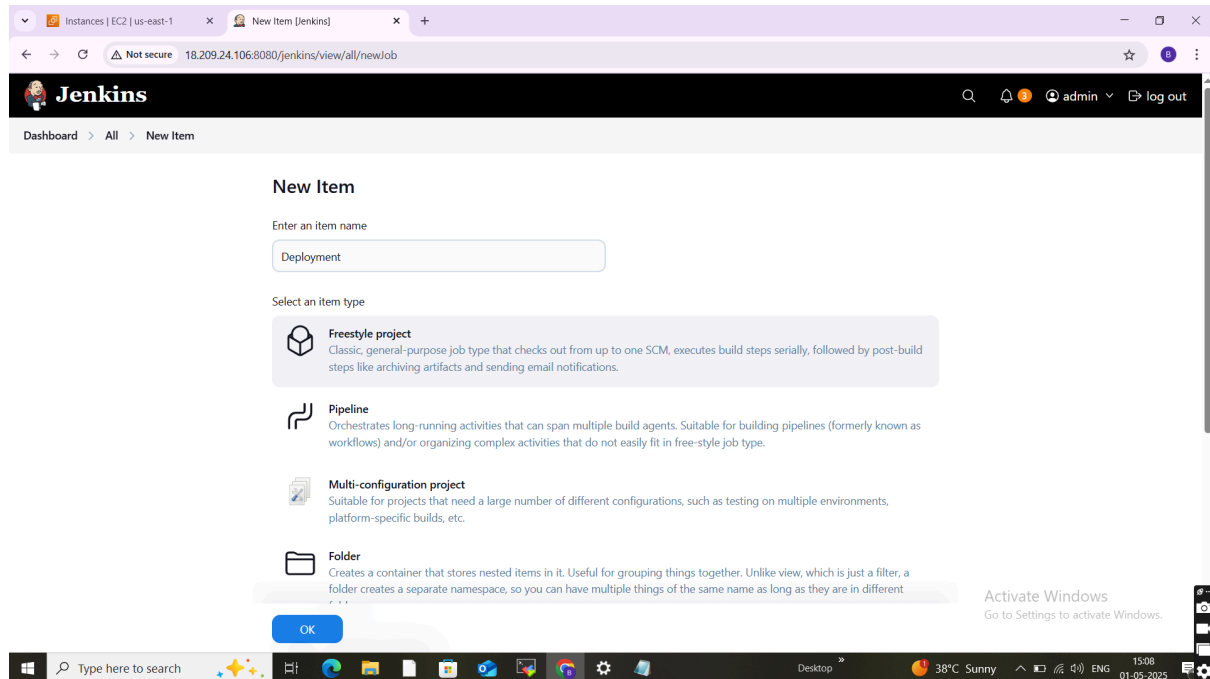
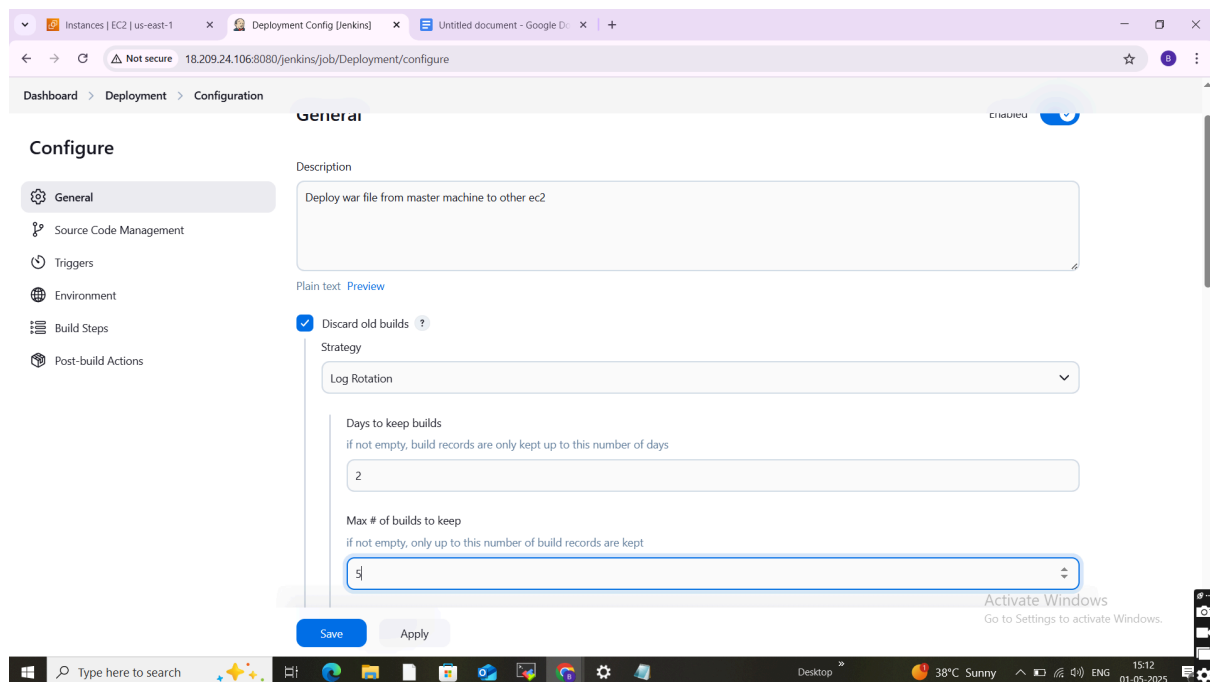


Assignment 2: Create job to generate war on jenkins master and Deploy war on second machine

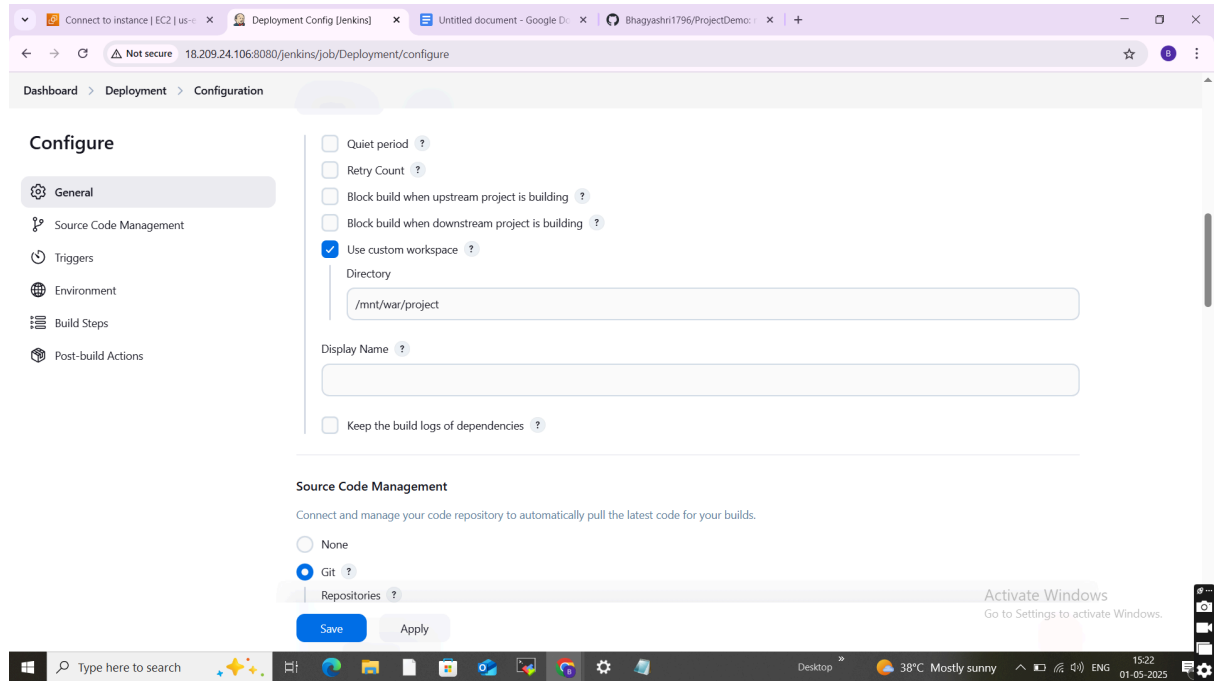
Step 1: create job and select freestyle project and then click on ok



Step 2. Discard old builds



Step 3: use custom workspace



The screenshot shows the Jenkins 'Configure' page for a job named 'Deployment'. The left sidebar contains a menu with 'General', 'Source Code Management', 'Triggers', 'Environment', 'Build Steps', and 'Post-build Actions'. The 'General' tab is selected. In the 'General' section, the 'Use custom workspace' checkbox is checked, and the 'Directory' field is set to '/mnt/war/project'. Other options like 'Quiet period', 'Retry Count', 'Block build when upstream project is building', 'Block build when downstream project is building', and 'Keep the build logs of dependencies' are unchecked. The 'Display Name' field is empty. Below the 'General' section is the 'Source Code Management' section, which is currently collapsed. The bottom of the page shows a Windows taskbar with the search bar, taskbar icons, and system tray showing the date and time as 15:22 on 01-05-2025.

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

☐ Quiet period ?

☐ Retry Count ?

☐ Block build when upstream project is building ?

☐ Block build when downstream project is building ?

☒ Use custom workspace ?

Directory

/mnt/war/project

Display Name ?

☐ Keep the build logs of dependencies ?

Source Code Management

Connect and manage your code repository to automatically pull the latest code for your builds.

☐ None

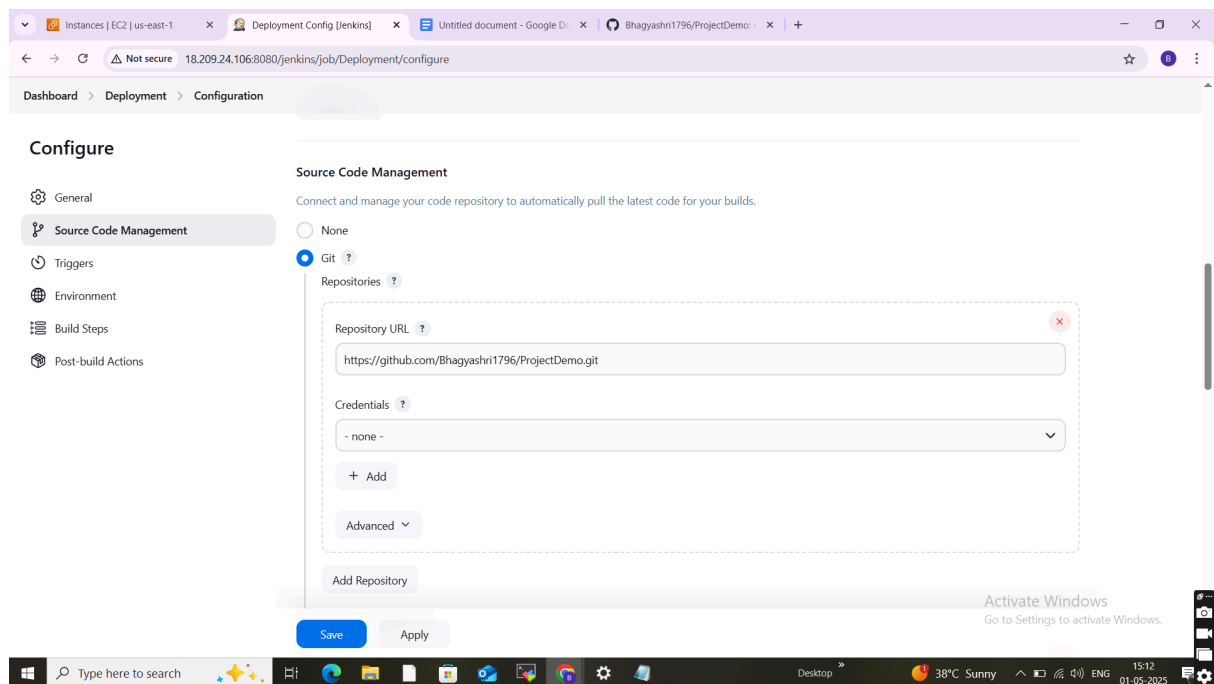
☒ Git ?

Repositories ?

Save Apply

Activate Windows
Go to Settings to activate Windows.

Step 4: Add github repository



The screenshot shows the Jenkins 'Configure' page for a job named 'Deployment'. The left sidebar contains a menu with 'General', 'Source Code Management', 'Triggers', 'Environment', 'Build Steps', and 'Post-build Actions'. The 'Source Code Management' tab is selected. In the 'Source Code Management' section, the 'Git' radio button is selected. The 'Repositories' section is expanded, showing a 'Repository URL' field with the value 'https://github.com/Bhagyashri1796/ProjectDemo.git'. The 'Credentials' dropdown menu is set to '- none -'. There is an '+ Add' button and an 'Advanced' dropdown menu. Below the 'Repositories' section is an 'Add Repository' button. The bottom of the page shows a Windows taskbar with the search bar, taskbar icons, and system tray showing the date and time as 15:12 on 01-05-2025.

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

Source Code Management

Connect and manage your code repository to automatically pull the latest code for your builds.

☐ None

☒ Git ?

Repositories ?

Repository URL ?

https://github.com/Bhagyashri1796/ProjectDemo.git

Credentials ?

- none -

+ Add

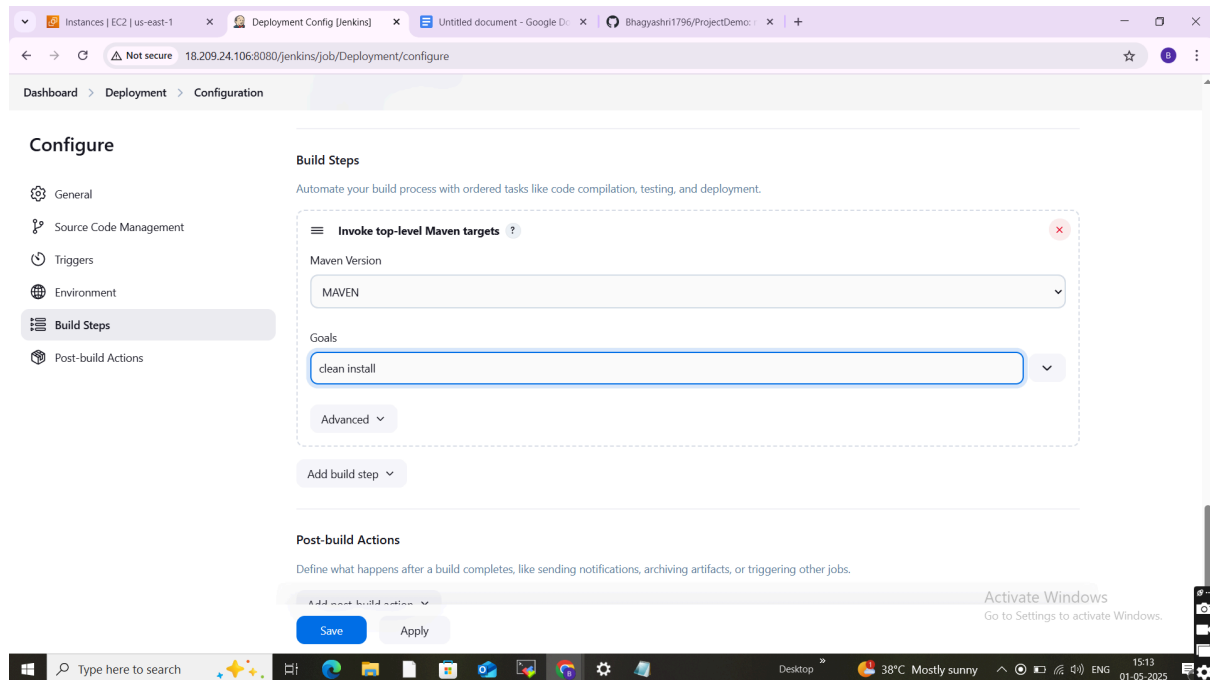
Advanced

Add Repository

Save Apply

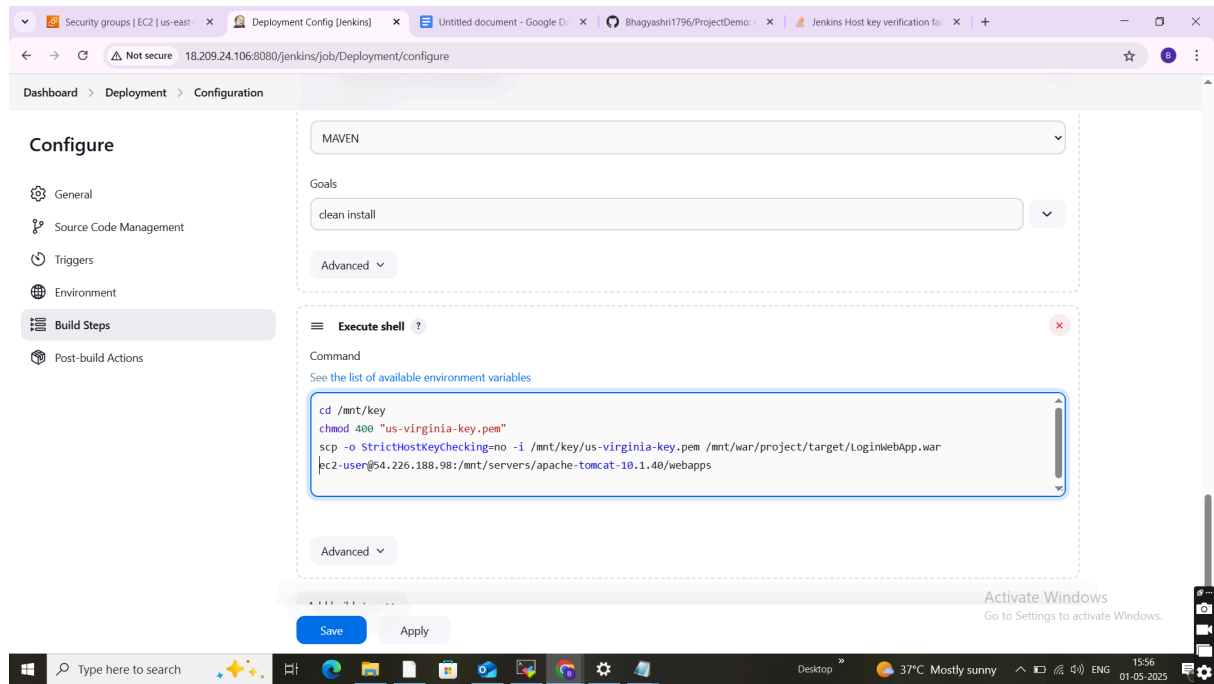
Activate Windows
Go to Settings to activate Windows.

Step 5: Add Maven command

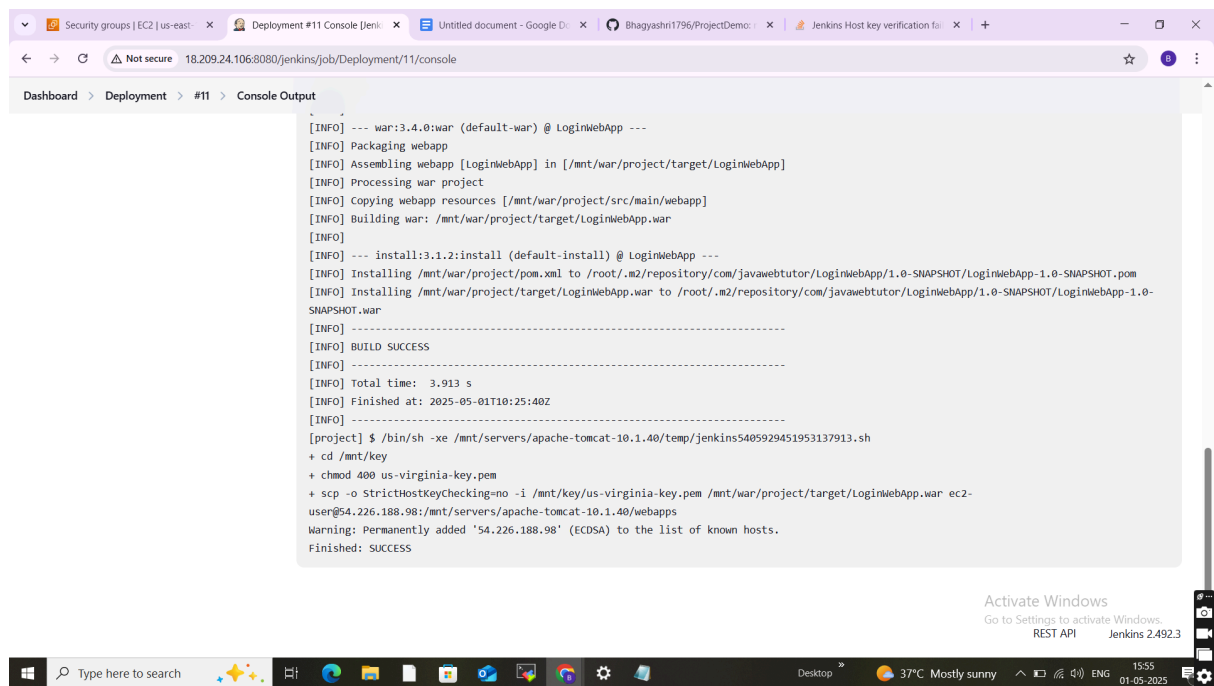


Step 6 : Add execute shell to move war file from jenkins master to other ec2 tomcat folder

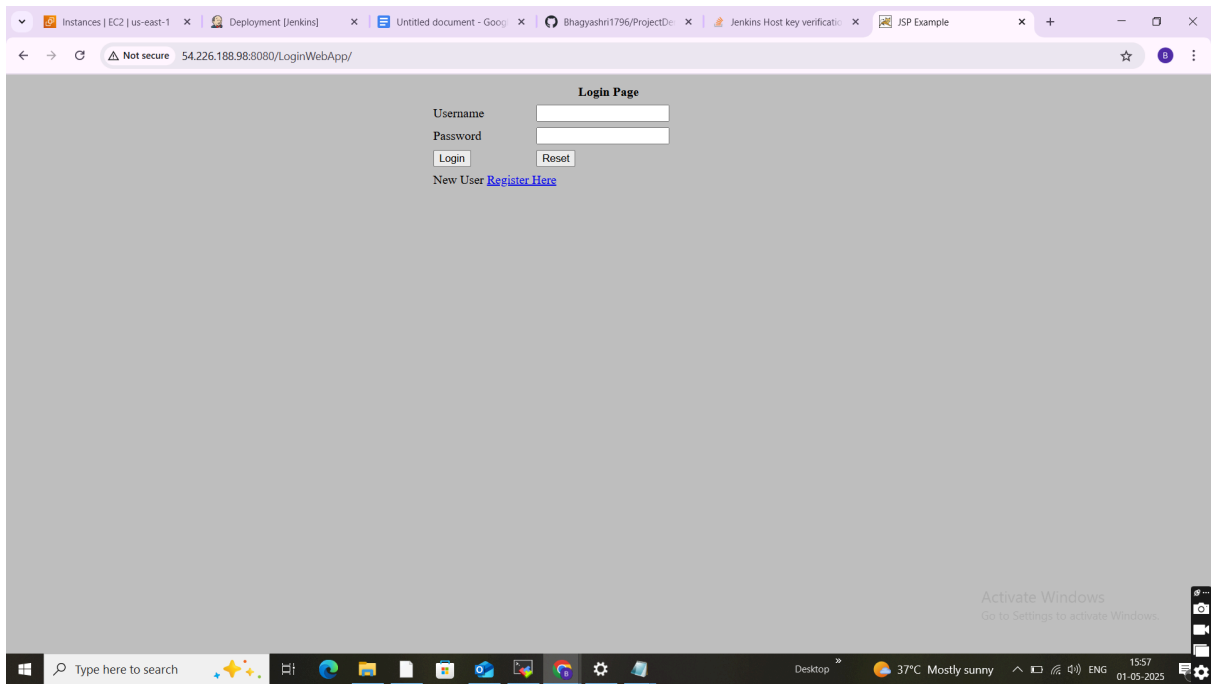
```
cd /mnt/key
chmod 400 "us-virginia-key.pem"
scp -o StrictHostKeyChecking=no -i /mnt/key/us-virginia-key.pem
/mnt/war/project/target/LoginWebApp.war
ec2-user@54.226.188.98:/mnt/servers/apache-tomcat-10.1.40/webapps
```



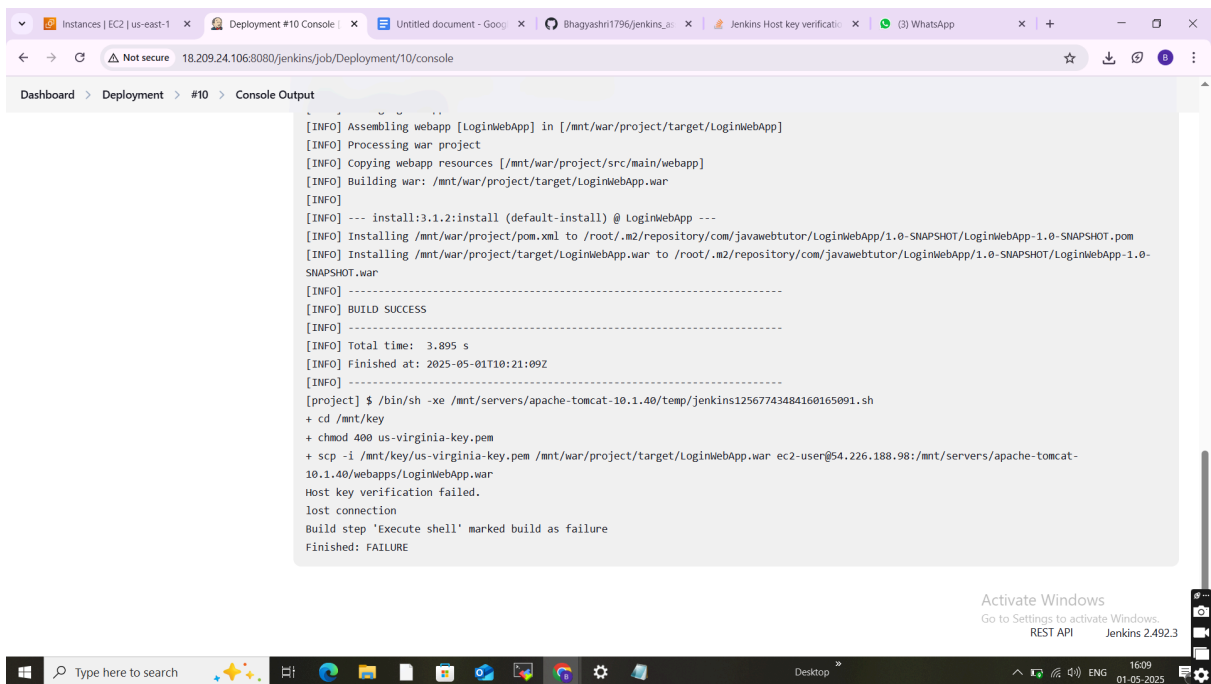
Step 7 : Check console output



Step 8: After success run application with second ec2 ip.



Issue-



solution->

1. Manually add EC2 host to `~/ .ssh/known_hosts`.

2. Bypass Host Key Verification

`scp -o StrictHostKeyChecking=no -i /mnt/key/us-virginia-key.pem`

`/mnt/war/project/target/LoginWebApp.war`

`ec2-user@54.226.188.98:/mnt/servers/apache-tomcat-10.1.40/webapps/LoginWebApp.war`