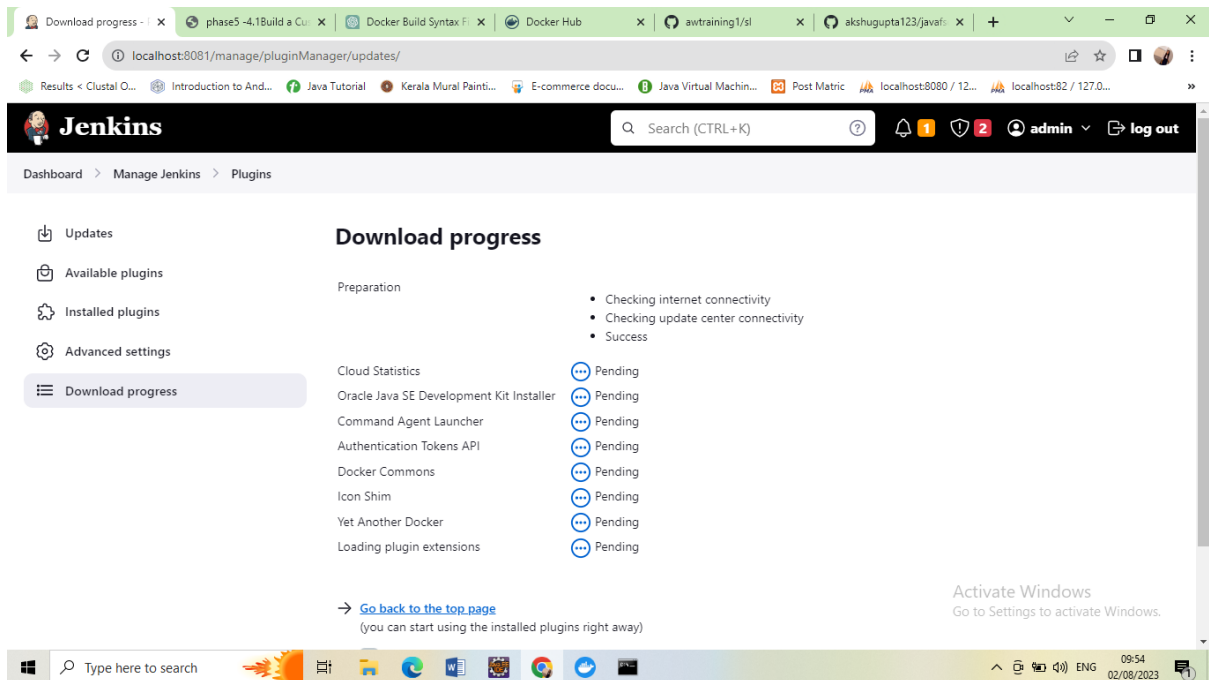


Phase5--4.6 Setting Up Jenkins Pipeline



The screenshot shows the Jenkins web interface at the 'Download progress' page. The browser's address bar displays 'localhost:8081/manage/pluginManager/updates/'. The Jenkins logo is in the top left, and a search bar is in the top right. The left sidebar contains a menu with 'Updates', 'Available plugins', 'Installed plugins', 'Advanced settings', and 'Download progress' (which is selected). The main content area is titled 'Download progress' and shows a list of plugins being installed, all with a 'Pending' status. The plugins listed are: Cloud Statistics, Oracle Java SE Development Kit Installer, Command Agent Launcher, Authentication Tokens API, Docker Commons, Icon Shim, Yet Another Docker, and Loading plugin extensions. A 'Preparation' section on the right lists: 'Checking internet connectivity', 'Checking update center connectivity', and 'Success'. At the bottom, there is a link to 'Go back to the top page' and a Windows activation watermark.

Docker Host URI: `unix:///var/run/docker.sock`

Cloud

Docker

Name

Docker Host URI

Server credentials - none - Add

Advanced...


Test Connection

Enabled ☒

`chmod 777 /var/run/docker.sock`

Enter an item name

» Required field

 **Freestyle project**

This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

Source Code Management

☐ None
☒ Git

Repositories

Repository URL

Credentials - none - Add

Advanced...

Add Repository

Branches to build

Branch Specifier (blank for 'any')

Add Branch

Repository browser (Auto)

Build

Build / Publish Docker Image

Directory for Dockerfile

Location to look for the Dockerfile in, which is used to build the image.

Credentials to pull image from upstream registry

Registry Credentials

Docker registry URL

Registry credentials anujsharma1990/***** (DockerHubCreds) Add

Cloud

docker

Cloud to use to build image

Image

Push image ☒

Successfully built 57c0eeb63850

Tagging built image with anujsharma1990/phpcode:4

Docker Build Response : 57c0eeb63850

Pushing [anujsharma1990/phpcode:4]

The push refers to repository [docker.io/anujsharma1990/phpcode]

57c0eeb63850: Pushed

```
4: digest: sha256:4a9404ab7b26b05fdcd0aee10538a43667fc2b9d0834d7dffb4d330356afd106 size: 2408
Cleaning local images [57c0eeb63850]
Docker Build Done
Pulling image anujsharma1990/phpcode:4
4:Pulling from anujsharma1990/phpcode5b7339215d1d:Already exists14ca88e9f672:Already existsa31c3b1caad4:Already
existsb054a26005b7:Already existsd4db4c3dd692:Pulling fs layer42cbd6016189:Pulling fs layer58e44124d930:Pulling fs
layercb727fa74bc1:Pulling fs layer51e9e9911579:Pulling fs layeree860aead8f8:Pulling fs
layer51e9e9911579:Waitingee860aead8f8:Waitingcb727fa74bc1:Waiting58e44124d930:Verifying Checksum58e44124d930:Download
completecb727fa74bc1:Verifying Checksumcb727fa74bc1:Download complete51e9e9911579:Verifying Checksum51e9e9911579:Download
completed4db4c3dd692:Verifying Checksumd4db4c3dd692:Download completeee860aead8f8:Verifying Checksumee860aead8f8:Download
completed4db4c3dd692:Pull complete42cbd6016189:Verifying Checksum42cbd6016189:Download complete42cbd6016189:Pull
complete58e44124d930:Pull completecb727fa74bc1:Pull complete51e9e9911579:Pull completeee860aead8f8:Pull completenull:Digest:
sha256:4a9404ab7b26b05fdcd0aee10538a43667fc2b9d0834d7dffb4d330356afd106null>Status: Downloaded newer image for
anujsharma1990/phpcode:4Starting container for image anujsharma1990/phpcode:4
Started container aec3ed34f43c7d14e1166aed67b99e9f211aed2fe105b10ee5604c046522e8cc
Finished: SUCCESS
```

```
root@ip-172-31-17-73:/var/run# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED
aec3ed34f43c        anujsharma1990/phpcode:4   "/usr/sbin/apache2 -â€" 44 seconds ago
root@ip-172-31-17-73:/var/run#
```