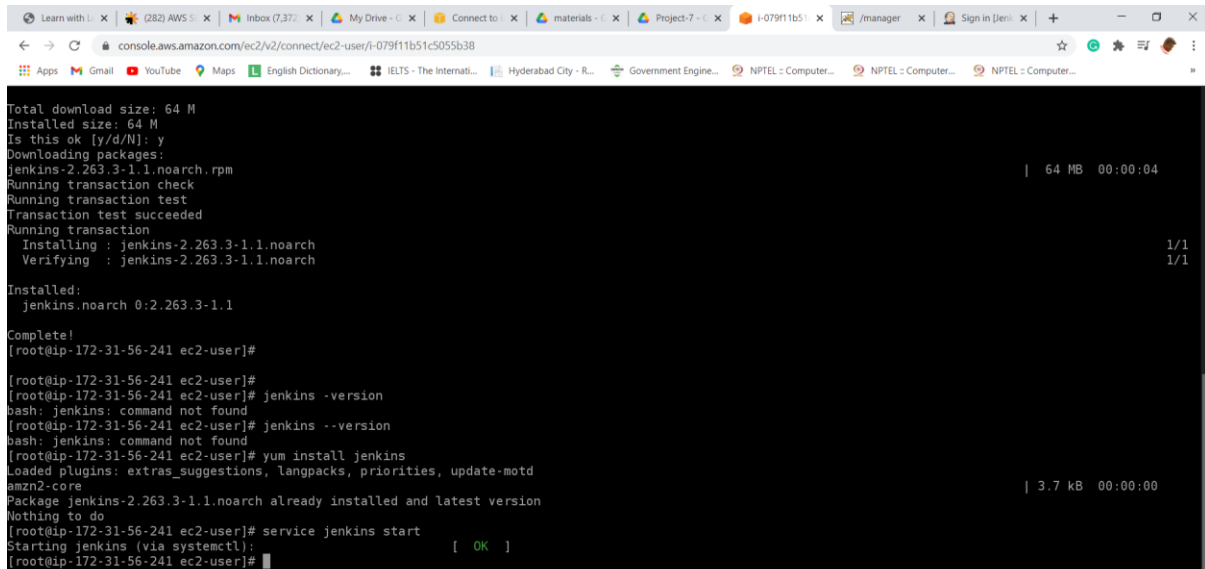


ASSESSMENT PROJECT 7

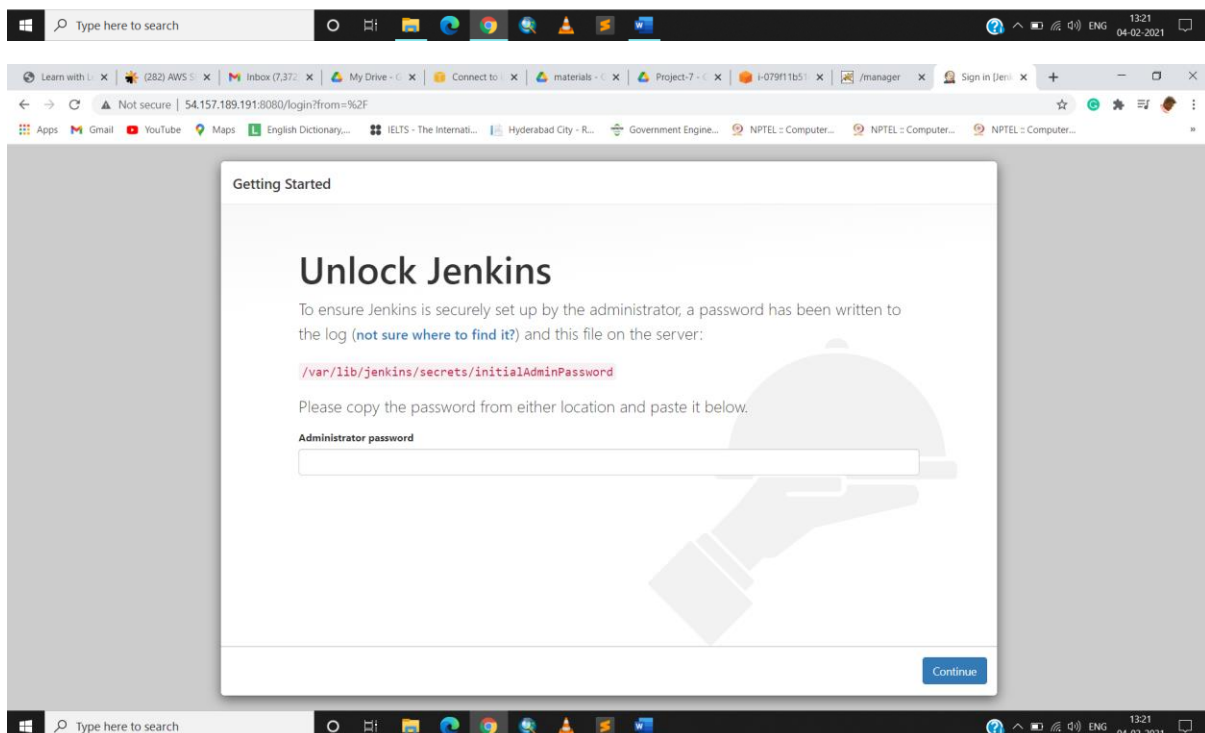
Project Name: Project-DevOps-Jenkins-Installation and Configuration on Linux

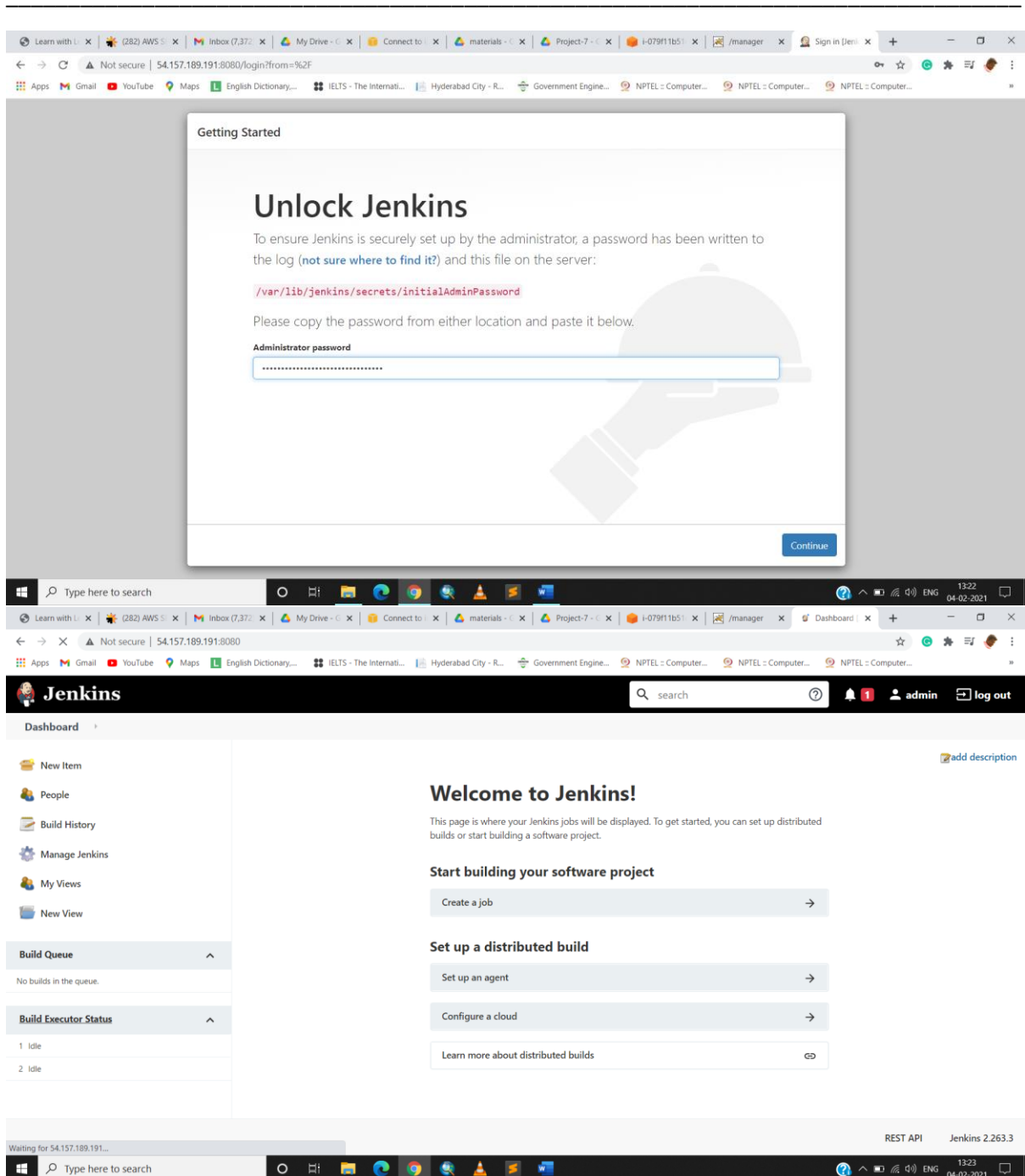


```
Total download size: 64 M
Installed size: 64 M
Is this ok [y/d/N]: y
Downloading packages:
jenkins-2.263.3-1.1.noarch.rpm | 64 MB 00:00:04
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : jenkins-2.263.3-1.1.noarch 1/1
  Verifying  : jenkins-2.263.3-1.1.noarch 1/1
Installed:
jenkins.noarch 0:2.263.3-1.1
Complete!
[root@ip-172-31-56-241 ec2-user]#
[root@ip-172-31-56-241 ec2-user]# jenkins -version
bash: jenkins: command not found
[root@ip-172-31-56-241 ec2-user]# jenkins --version
bash: jenkins: command not found
[root@ip-172-31-56-241 ec2-user]# yum install jenkins
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
Package jenkins-2.263.3-1.1.noarch already installed and latest version
Nothing to do
[root@ip-172-31-56-241 ec2-user]# service jenkins start
Starting jenkins (via systemctl): [ OK ]
[root@ip-172-31-56-241 ec2-user]#
```

i-079f11b51c5055b38 (DevOps-LetsUpgrade)

Public IPs: 54.157.189.191 Private IPs: 172.31.56.241



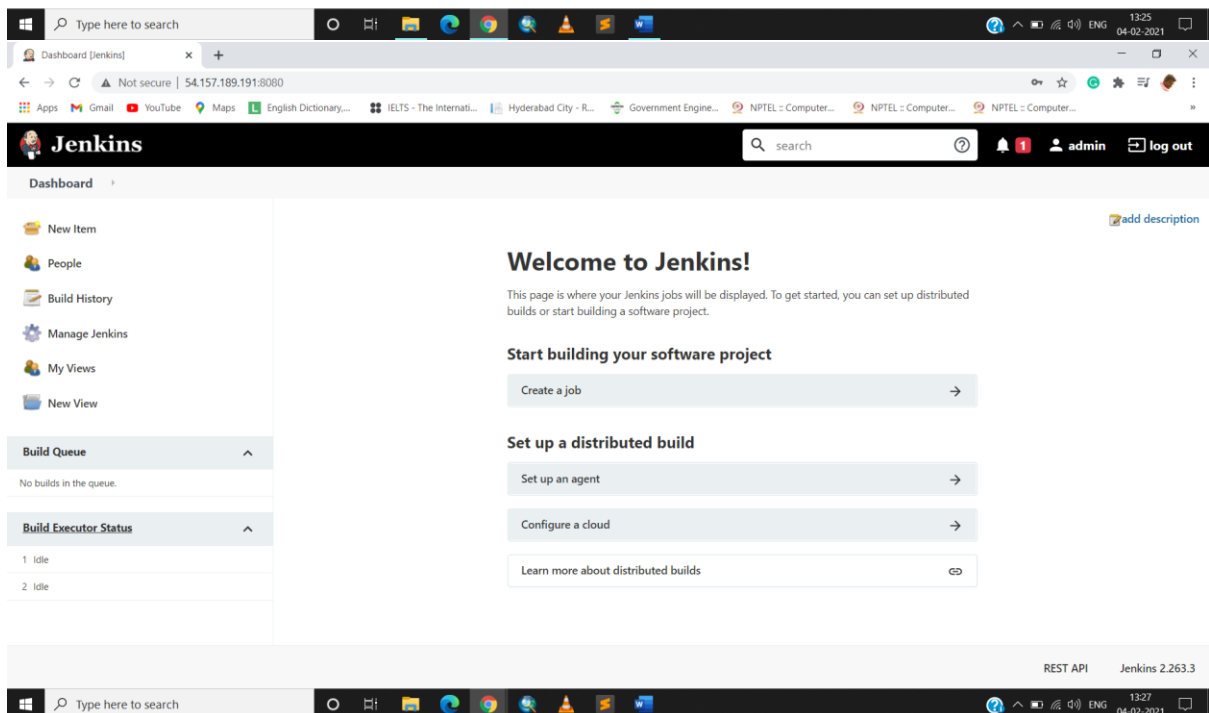
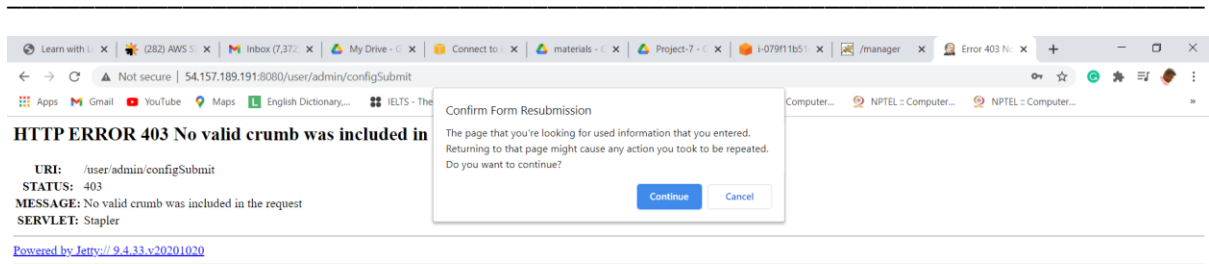


The screenshot shows a web browser window with multiple tabs. The active tab is displaying the Jenkins 'Getting Started' screen. The page title is 'Getting Started'. The main heading is 'Unlock Jenkins'. Below it, a paragraph states: 'To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:'. The file path is shown in red: `/var/lib/jenkins/secrets/initialAdminPassword`. Below this, it says 'Please copy the password from either location and paste it below.' There is a text input field labeled 'Administrator password' with a masked password '*****'. A 'Continue' button is at the bottom right of the dialog.

Below the dialog, the Jenkins Dashboard is visible. The top bar shows the Jenkins logo, a search bar, and user information 'admin' with a 'log out' button. The left sidebar contains links: 'New Item', 'People', 'Build History', 'Manage Jenkins', 'My Views', 'New View', 'Build Queue', and 'Build Executor Status'. The 'Build Queue' section shows 'No builds in the queue.' The 'Build Executor Status' section shows two executors: '1 Idle' and '2 Idle'.

The main content area has a heading 'Welcome to Jenkins!' and a subtext: 'This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.' Below this, there are two sections: 'Start building your software project' with a 'Create a job' button, and 'Set up a distributed build' with buttons for 'Set up an agent', 'Configure a cloud', and a link 'Learn more about distributed builds'.

The bottom status bar shows 'Waiting for 54.157.189.191...' on the left and 'REST API Jenkins 2.263.3' on the right. The system tray at the bottom shows the time as 13:23 on 04-02-2021.



The image shows two screenshots of the Jenkins web interface. The top screenshot displays the configuration page for a job named 'goodluck'. The 'Build' tab is selected, showing an 'Execute shell' build step with the command `echo "Good Luck my boy... you done it"`. Below this, there are sections for 'Post-build Actions' and 'Advanced...' options. The bottom screenshot shows the 'Console Output' for the same job. The output indicates the build was started by user 'admin', running as 'SYSTEM', and successfully executed the shell command, printing 'Good Luck my boy... you done it'.

Jenkins Configuration (Top Screenshot):

- Dashboard > goodluck
- General | Source Code Management | Build Triggers | **Build** | Post-build Actions
- Execute shell** (with close and help icons)
- Command: `echo "Good Luck my boy... you done it"`
- See the list of available environment variables
- Advanced...
- Add build step
- Post-build Actions
- Add post-build action
- Save | Apply
- REST API | Jenkins 2.263.3

Jenkins Console Output (Bottom Screenshot):

- Dashboard > goodluck > #1
- Back to Project
- Status
- Changes
- Console Output**
- View as plain text
- Edit Build Information
- Delete build '#1'
- Console Output**
- Started by user `admin`
- Running as `SYSTEM`
- Building in workspace `/var/lib/jenkins/workspace/goodluck`
- [goodluck] `$ /bin/sh -xe /tmp/jenkins5231078548229930461.sh`
- + `echo "Good Luck my boy... you done it"`
- Good Luck my boy... you done it
- Finished: **SUCCESS**
- REST API | Jenkins 2.263.3