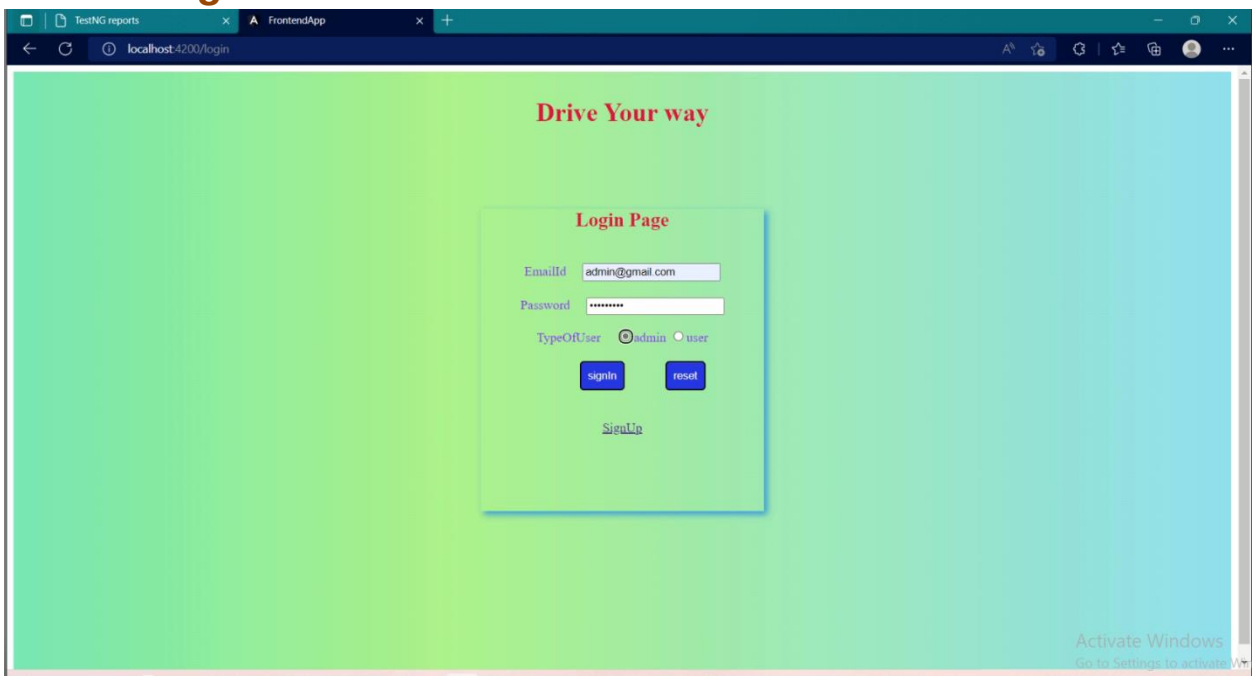
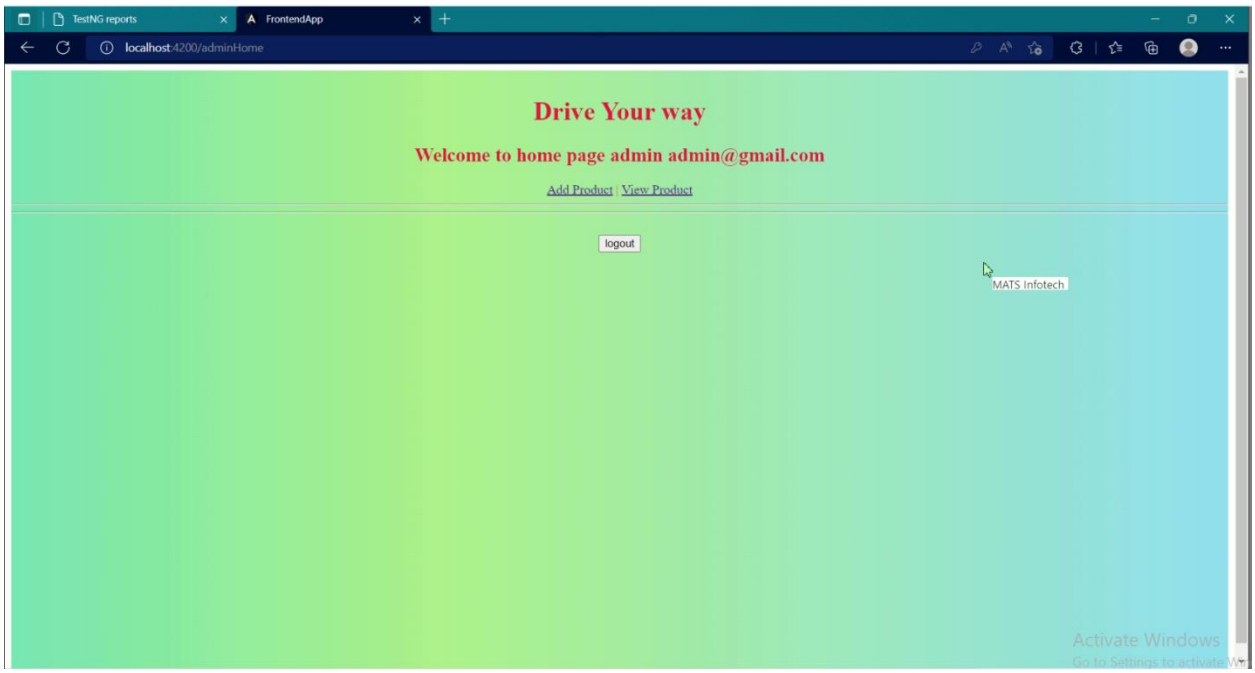
Drive Your Way Web Application

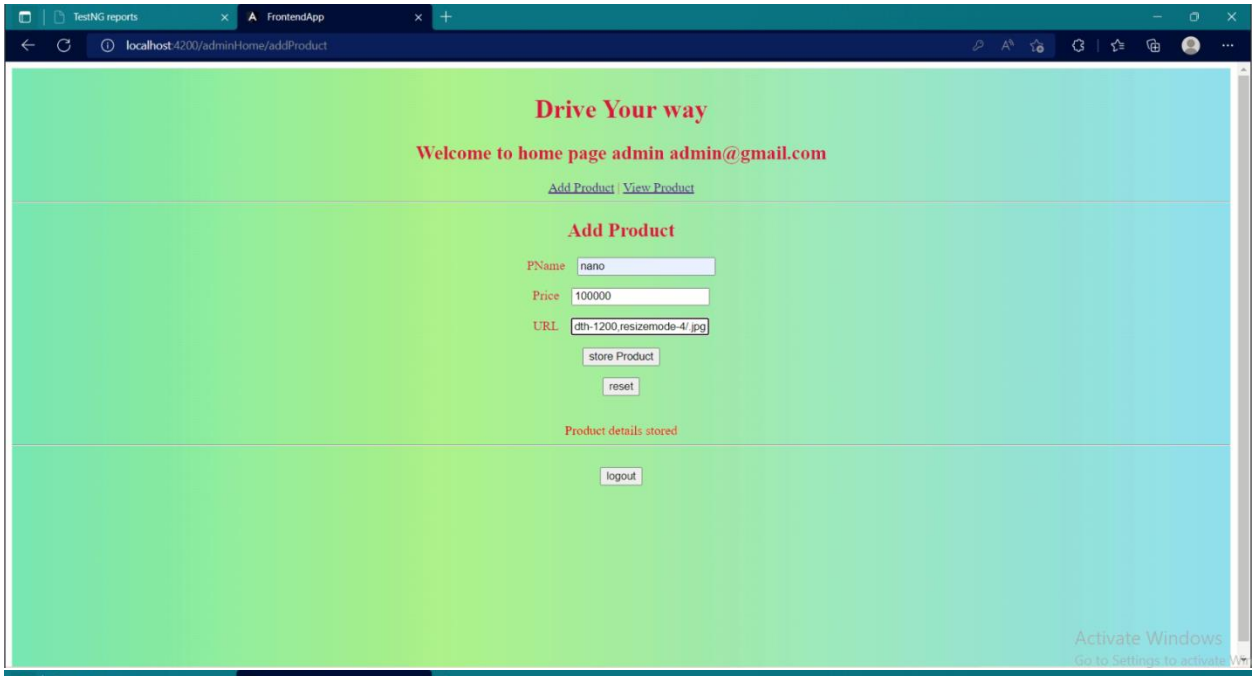
Admin Login

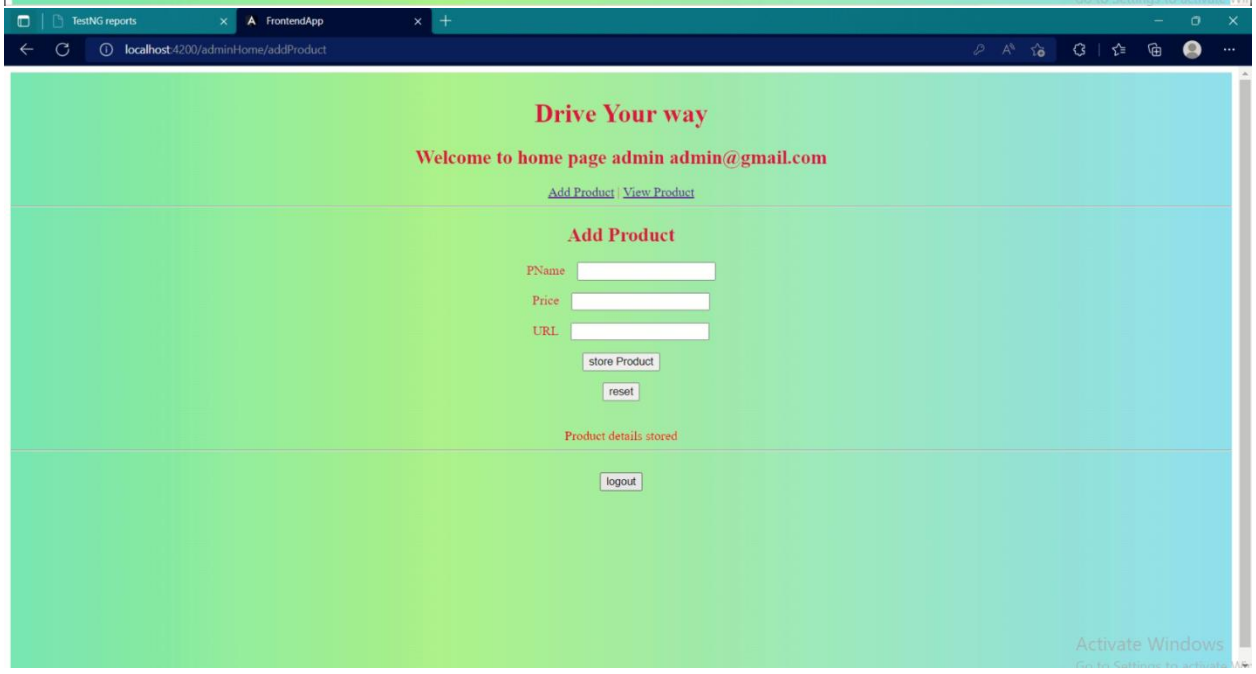


Admin Home


TestNG reports
FrontendApp
localhost:4200/adminHome
Drive Your way
Welcome to home page admin admin@gmail.com
Add Product | View Product
logout
MATS Infotech
Activate Windows

Add A Product





TestNG reports | FrontendApp

localhost:4200/adminHome/findAllProduct

Drive Your way

Welcome to home page admin admin@gmail.com

Add Product | View Product

Add Product Details

nano 100000 delete update

logout

Activate Windows
Go to Settings to activate Windows.

TestNG reports | FrontendApp

localhost:4200/adminHome/addProduct

Drive Your way

Welcome to home page admin admin@gmail.com

Add Product | View Product

Add Product

PName tata sumu

Price 100000

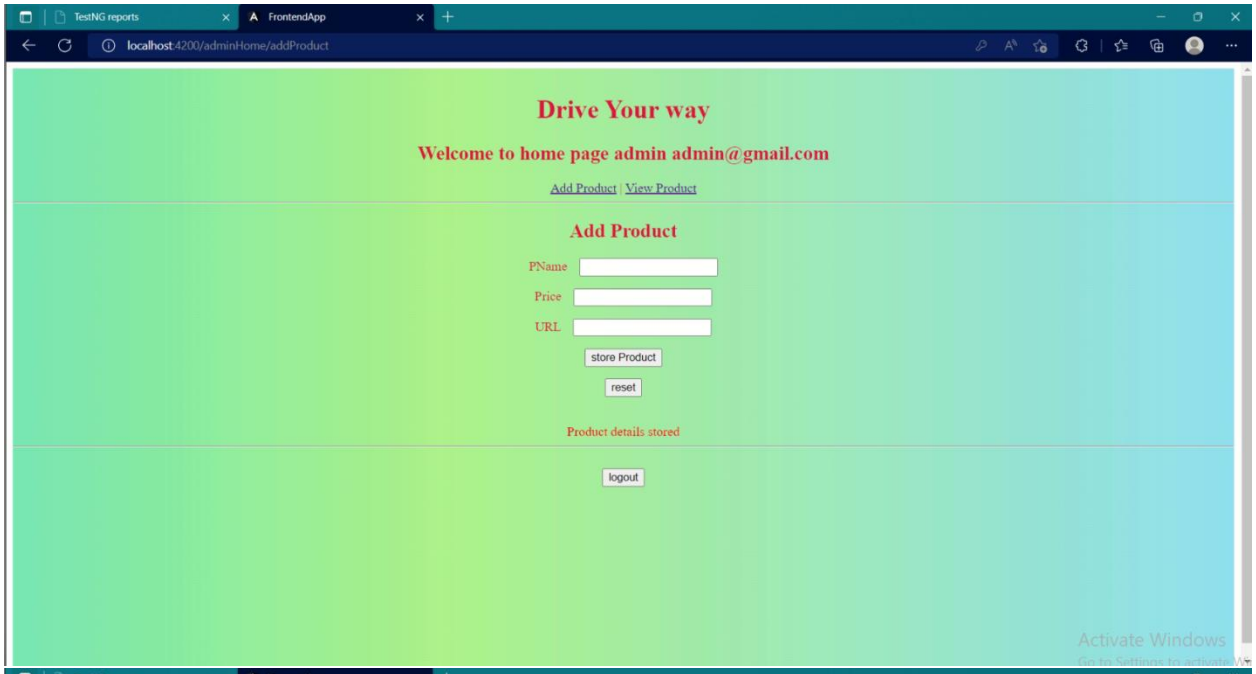
URL ls/2020/04/Tata-Sumo-2.jpg

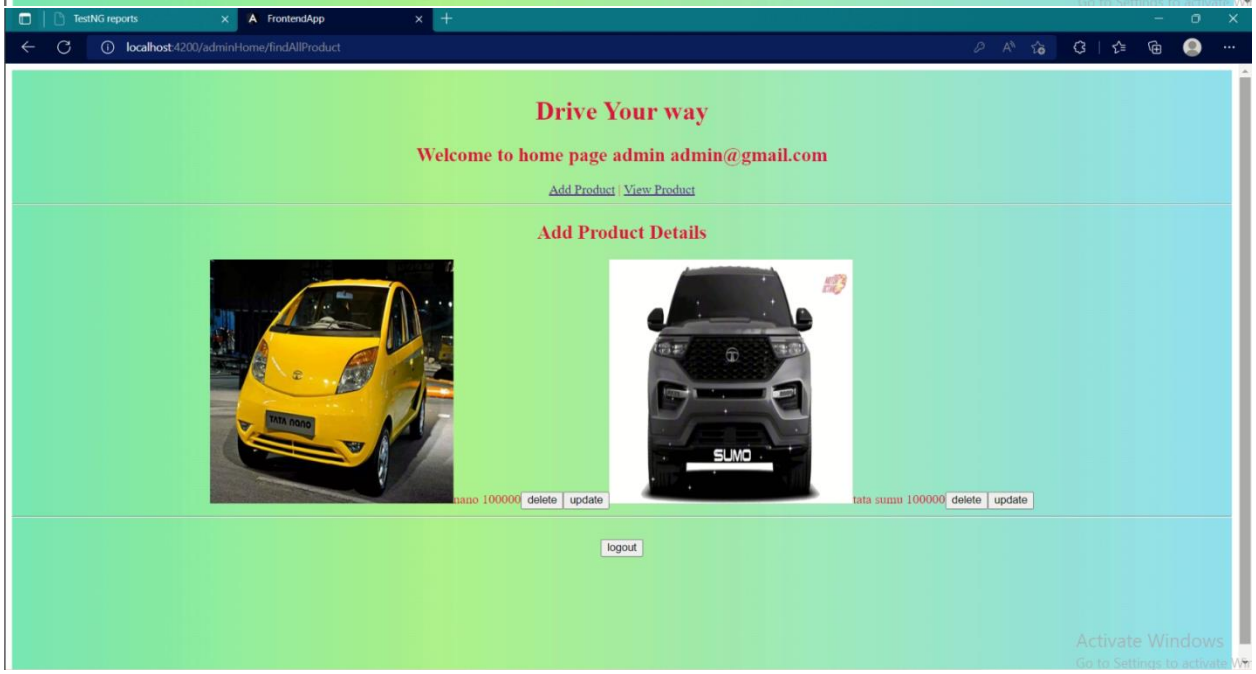
store Product

reset

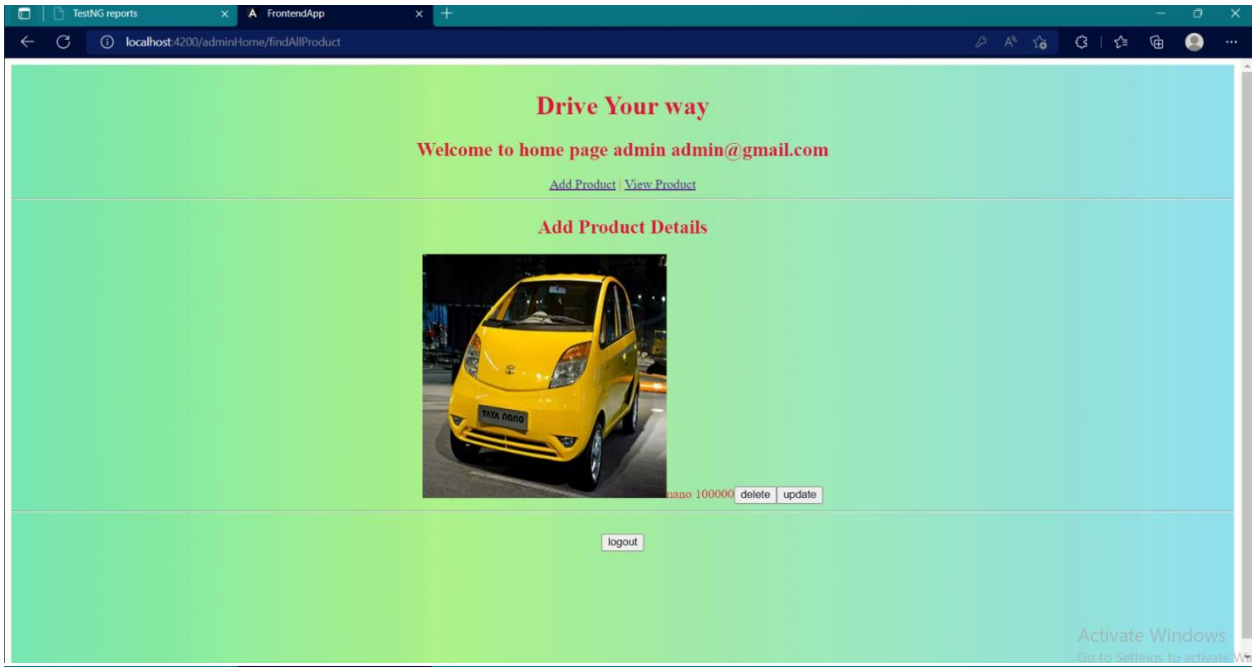
logout

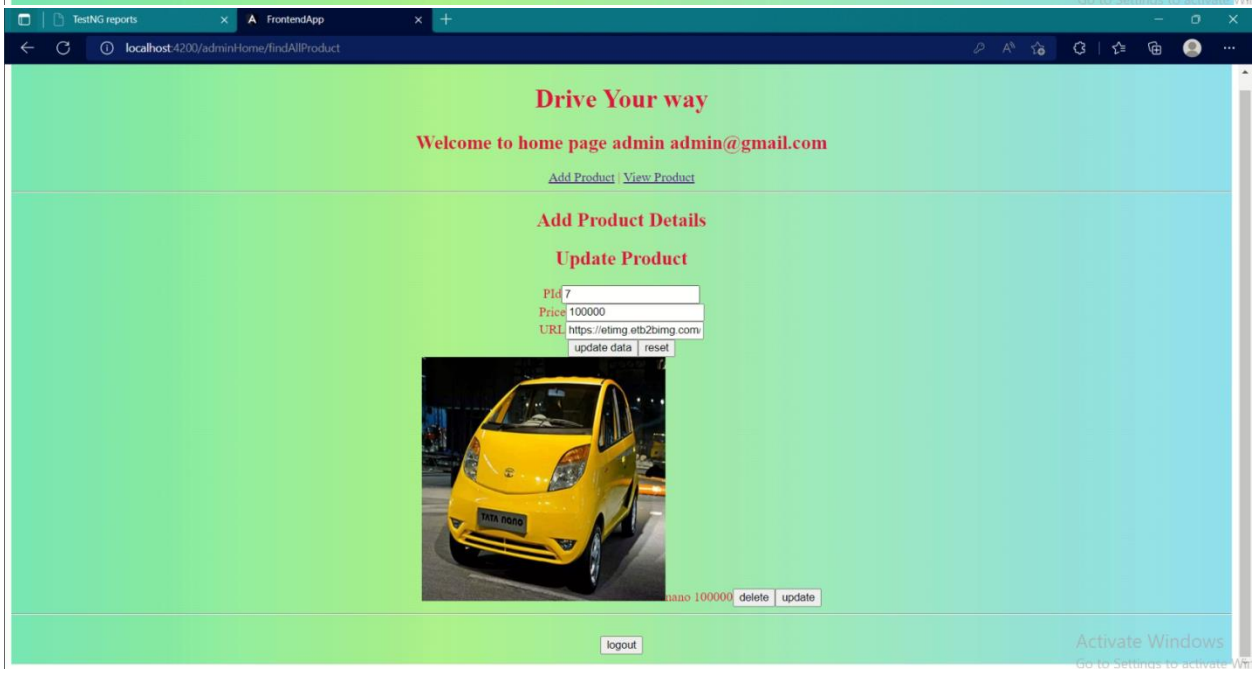
Activate Windows
Go to Settings to activate Windows.

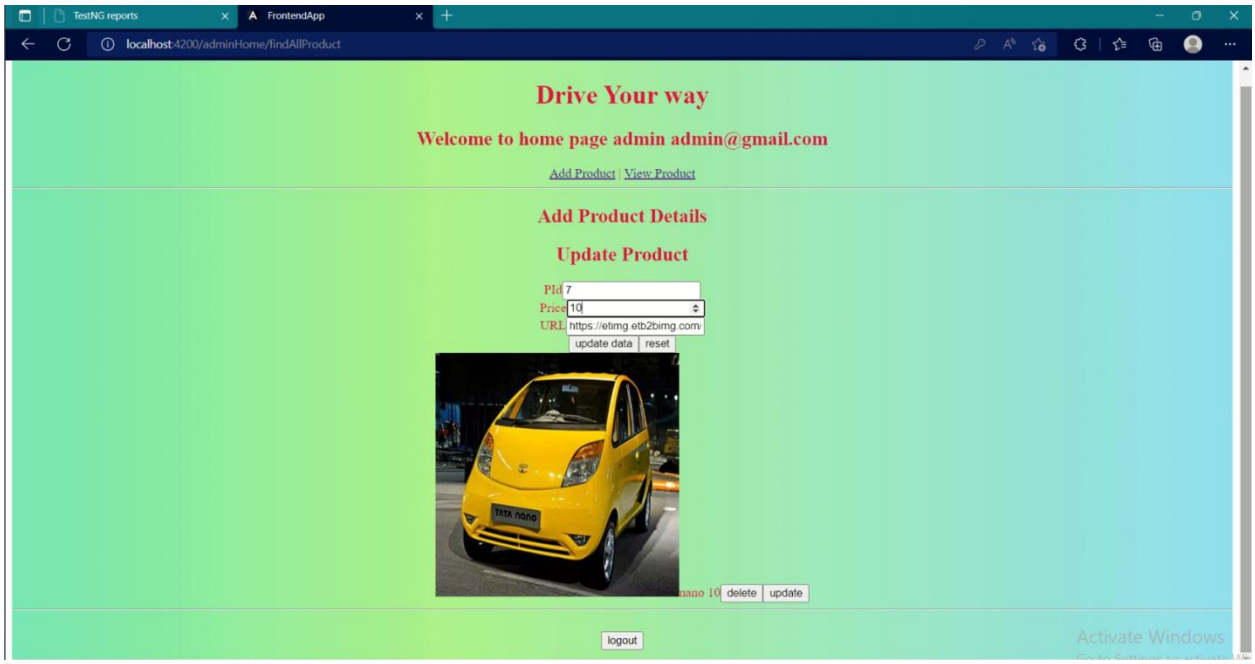




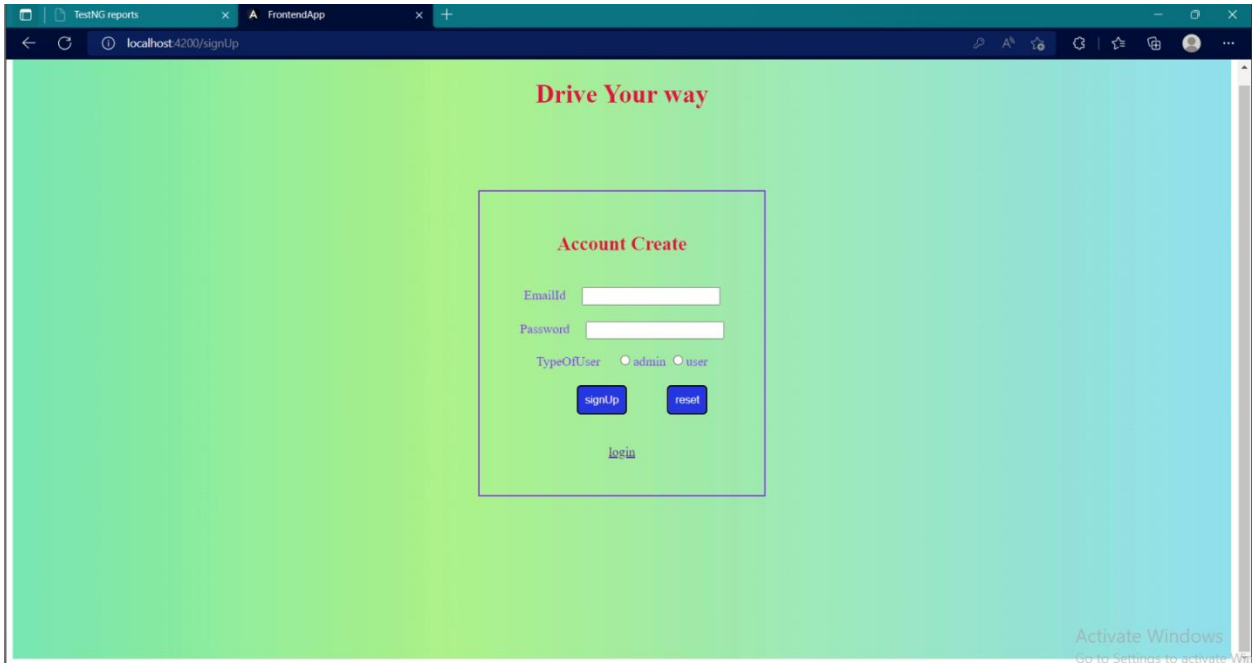
Delete & Update a Product


TestNG reports
FrontendApp
localhost:4200/adminHome/findAllProduct
Drive Your way
Welcome to home page admin admin@gmail.com
Add Product | View Product
Add Product Details
nano 100000 delete update
logout
Activate Windows

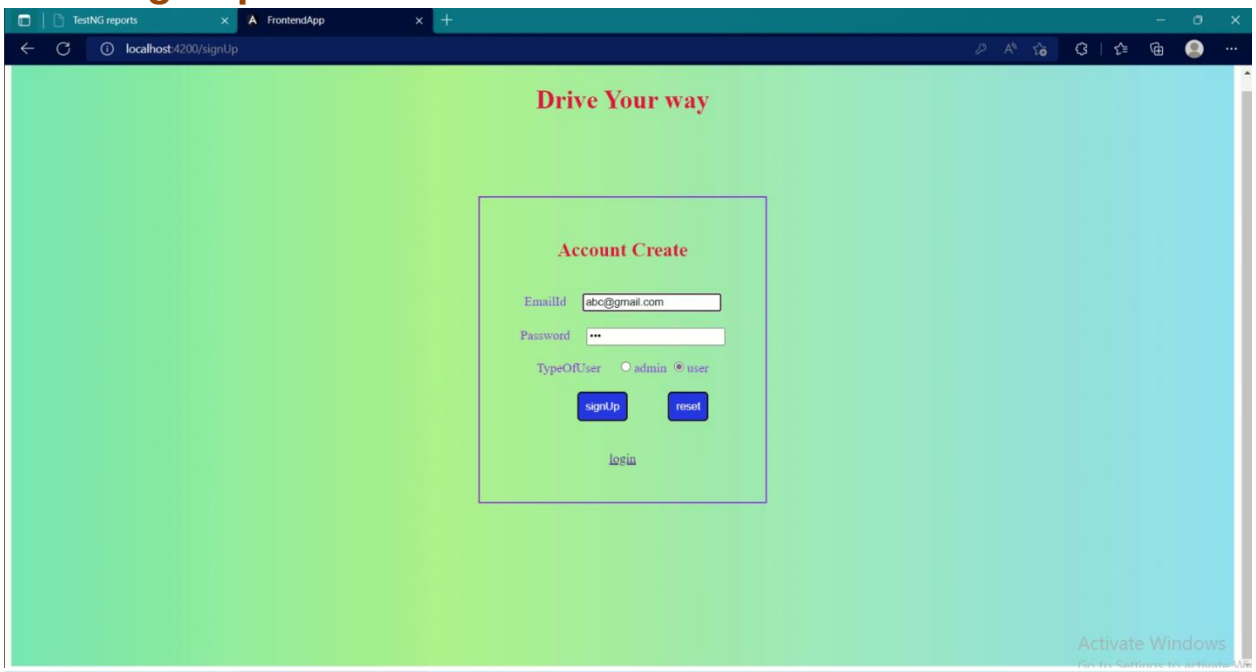

TestNG reports
FrontendApp
localhost:4200/adminHome/findAllProduct
Drive Your way
Welcome to home page admin admin@gmail.com
Add Product | View Product
Add Product Details
Update Product
Pld 7
Price 100000
URL https://etimg.etb2bimg.com
update data reset
nano 100000 delete update
logout
Activate Windows

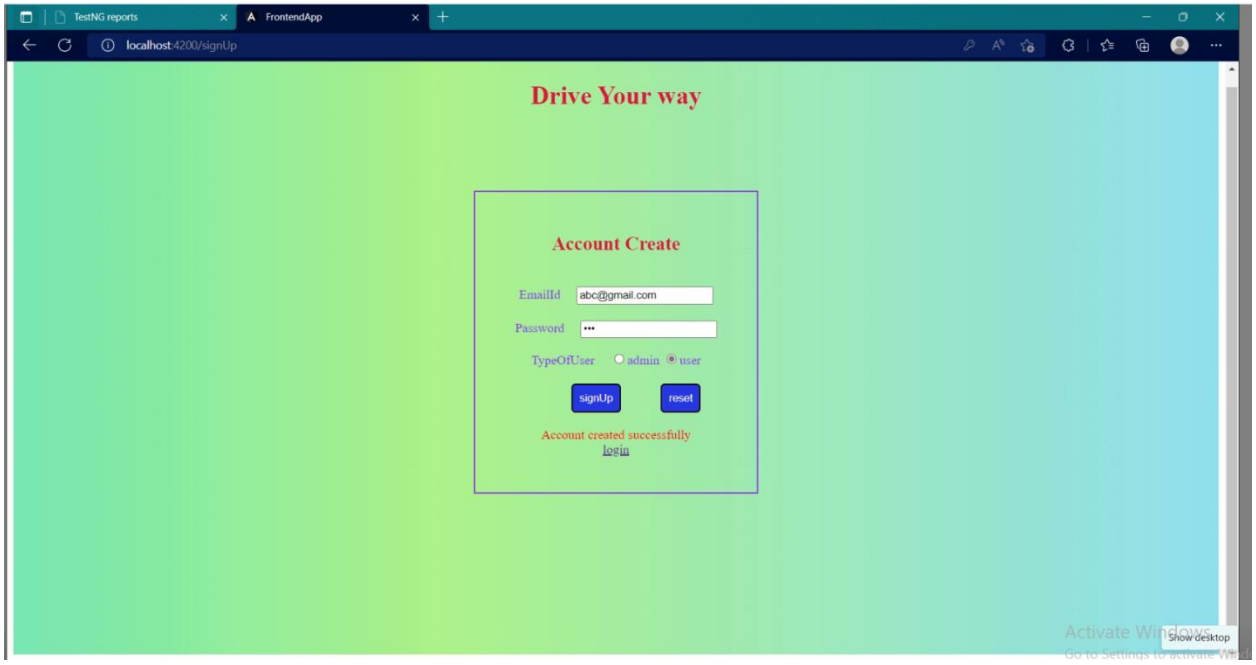

TestNG reports
FrontendApp
localhost:4200/adminHome/findAllProduct
Drive Your way
Welcome to home page admin admin@gmail.com
Add Product | View Product
Add Product Details
Update Product
PId 7
Price 10
URL https://etimg.etb2bimg.com
update data reset
TATA nano
nano 10 delete update
logout
Activate Windows

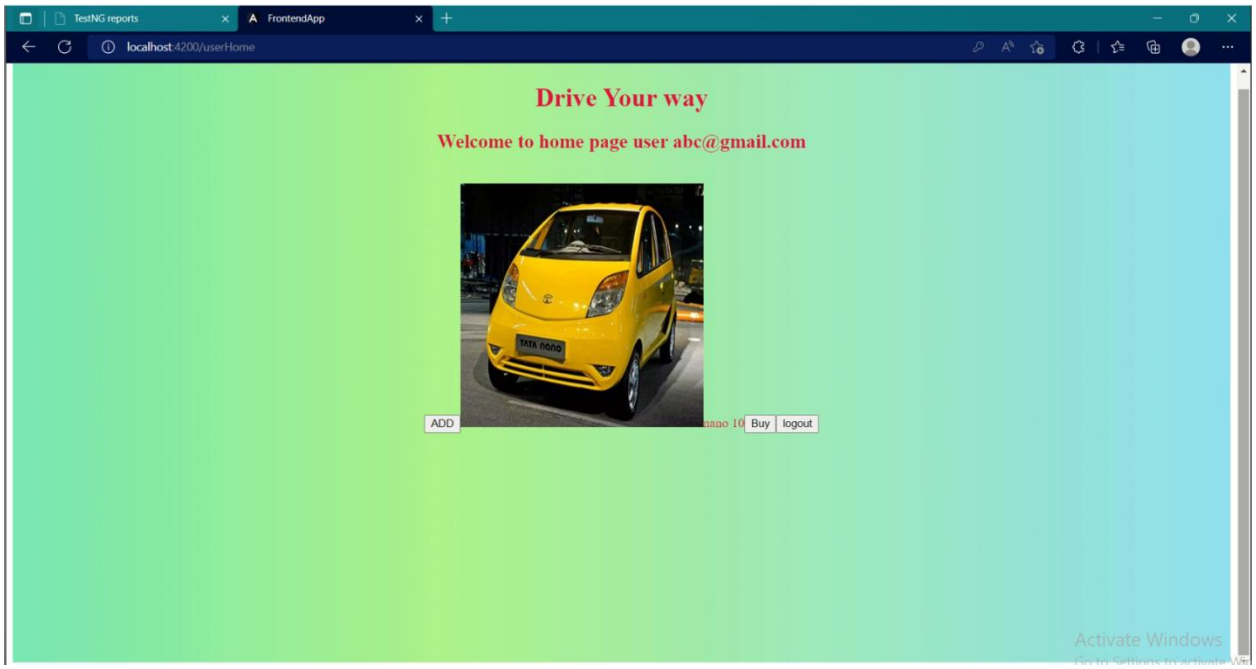
Drive Your way
Welcome to home page admin admin@gmail.com
Add Product | View Product
Add Product Details
delete update
logout
Activate Windows


TestNG reports
FrontendApp
localhost:4200/signUp
Drive Your way
Account Create
EmailId
Password
TypeOfUser
admin
user
signUp
reset
login
Activate Windows

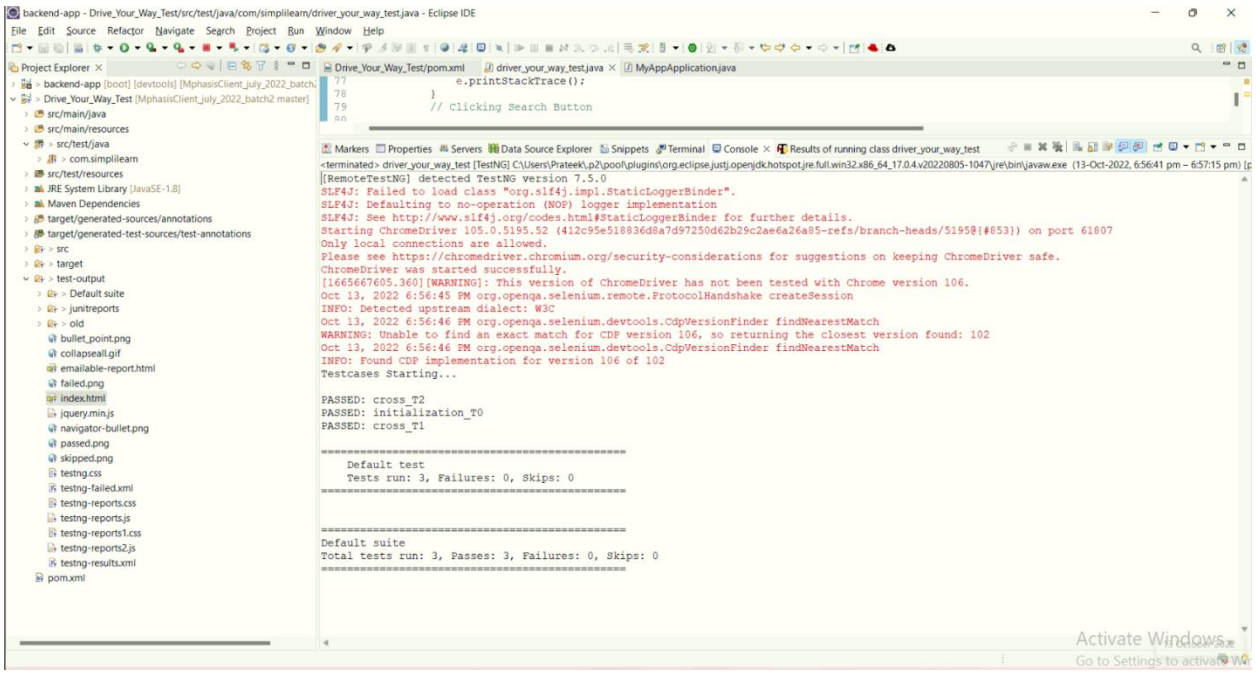
User Sign up

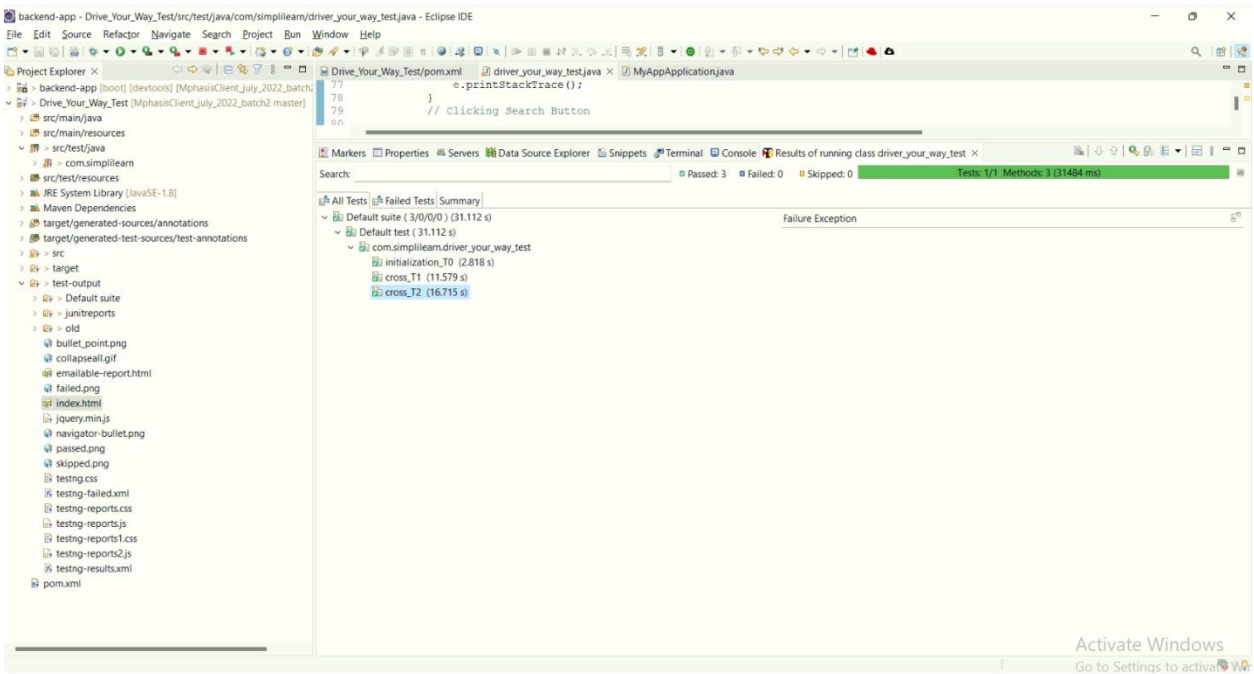

TestNG reports
FrontendApp
localhost:4200/signUp
Drive Your way
Account Create
EmailId
abc@gmail.com
Password
TypeOfUser
admin
user
signUp
reset
login
Activate Windows

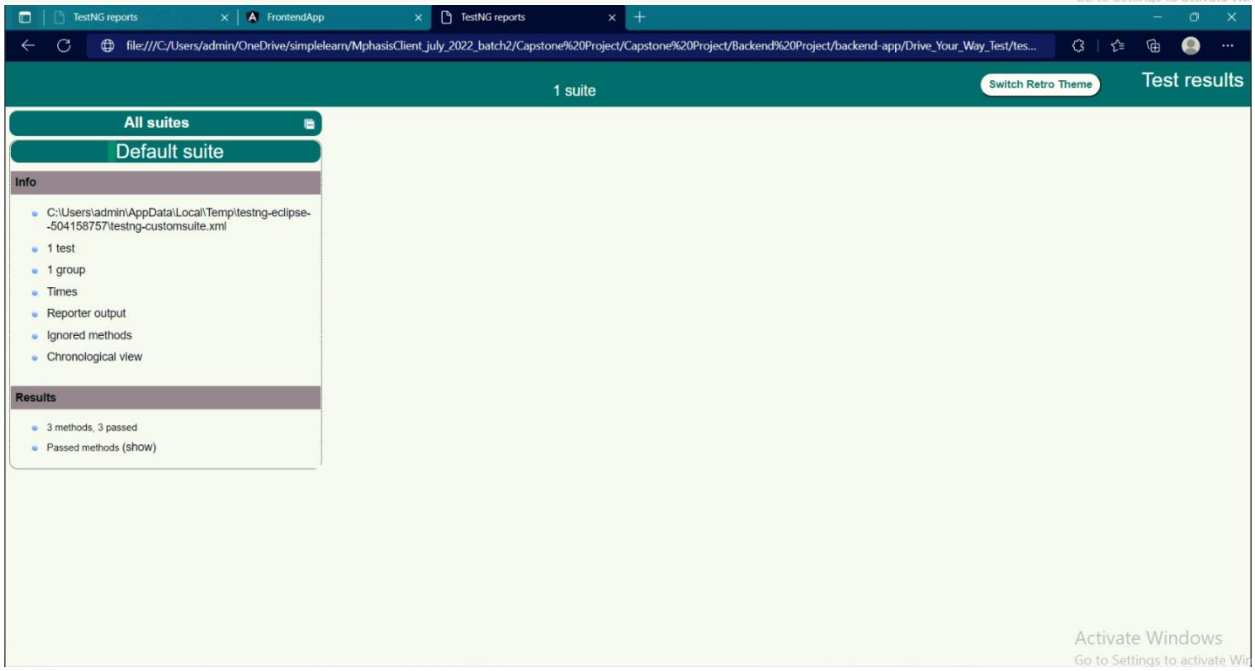

TestNG reports
FrontendApp
localhost:4200/signUp
Drive Your way
Account Create
EmailId
abc@gmail.com
Password
TypeOfUser
admin
user
signUp
reset
Account created successfully
login
Activate Windows
Show desktop

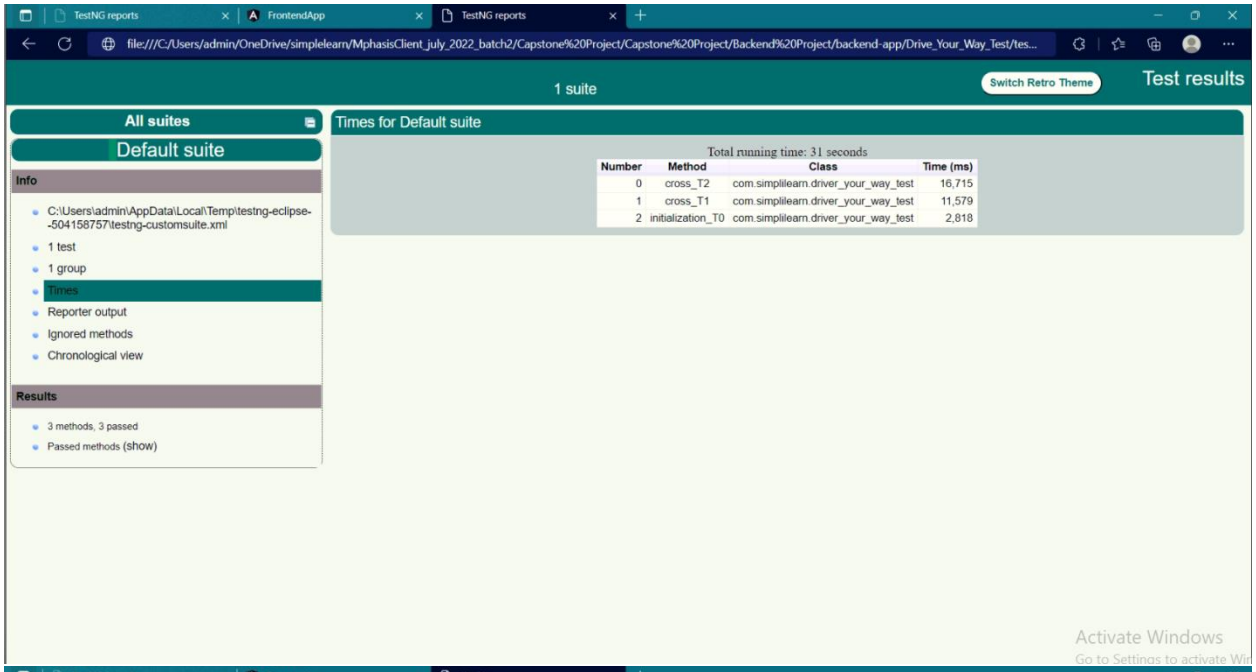


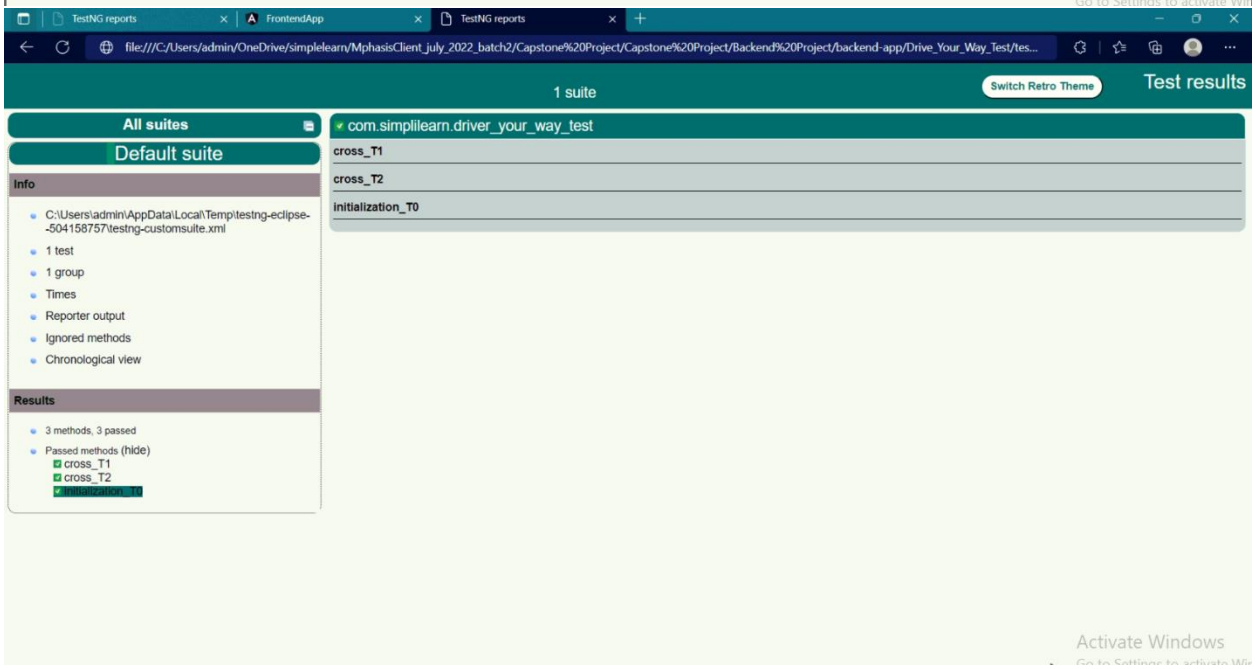
Step 7:Testing




backend-app - Drive_Your_Way_Test/src/test/java/com/simplilearn/driver_your_way_test.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer
backend-app [boot] [devtools] [MphasisClient_july_2022_batch]
Drive_Your_Way_Test [MphasisClient_july_2022_batch2 master]
src/main/java
src/main/resources
src/test/java
com.simplilearn
src/test/resources
JRE System Library [JavaSE-1.8]
Maven Dependencies
target/generated-sources/annotations
target/generated-test-sources/test-annotations
src
target
test-output
Default suite
junitreports
old
bullet_point.png
collapseall.gif
emailable-report.html
failed.png
index.html
jquery.min.js
navigator-bullet.png
passed.png
skipped.png
testng.css
testng-failed.xml
testng-reports.css
testng-reports.js
testng-reports1.css
testng-reports2.js
testng-results.xml
pom.xml
Drive_Your_Way_Test/pom.xml
driver_your_way_test.java
MyAppApplication.java
e.printStackTrace();
}
// Clicking Search Button
Markers Properties Servers Data Source Explorer Snippets Terminal Console Results of running class driver_your_way_test
Search:
Passed: 3 Failed: 0 Skipped: 0
Tests: 1/1 Methods: 3 (31484 ms)
All Tests Failed Tests Summary
Default suite (3/0/0/0) (31.112 s)
Default test (31.112 s)
com.simplilearn.driver_your_way_test
initialization_T0 (2.818 s)
cross_T1 (11.579 s)
cross_T2 (16.715 s)
Failure Exception
Activate Windows
Go to Settings to activate Windows

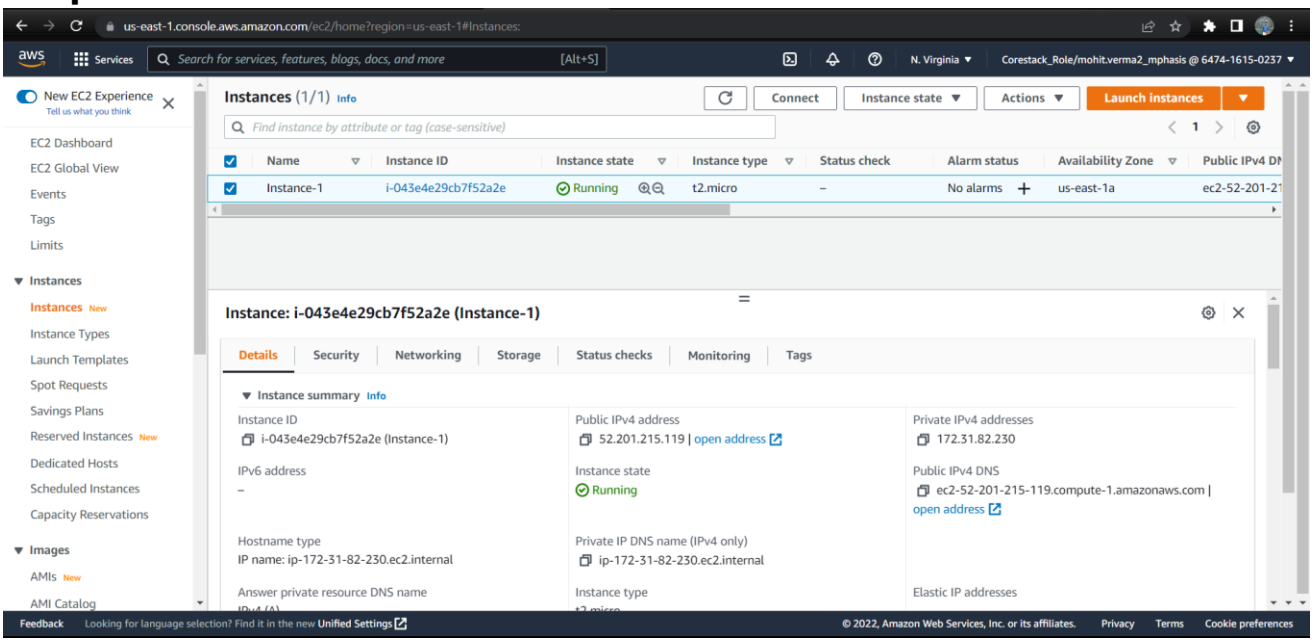

TestNG reports
FrontendApp
TestNG reports
file:///C:/Users/admin/OneDrive/simplelearn/MphasisClient_july_2022_batch2/Capstone%20Project/Capstone%20Project/Backend%20Project/backend-app/Drive_Your_Way_Test/tes...
1 suite
Switch Retro Theme
Test results
All suites
Default suite
Info
C:\Users\admin\AppData\Local\Temp\testng-eclipse--504158757\testng-customsuite.xml
1 test
1 group
Times
Reporter output
Ignored methods
Chronological view
Results
3 methods, 3 passed
Passed methods (show)
Activate Windows
Go to Settings to activate Windows


TestNG reports
FrontendApp
TestNG reports
file:///C:/Users/admin/OneDrive/simplelearn/MphasisClient_july_2022_batch2/Capstone%20Project/Capstone%20Project/Backend%20Project/backend-app/Drive_Your_Way_Test/tes...
1 suite
Switch Retro Theme
Test results
All suites
Default suite
Info
C:\Users\admin\AppData\Local\Temp\testng-eclipse--504158757\testng-customsuite.xml
1 test
1 group
Times
Reporter output
Ignored methods
Chronological view
Results
3 methods, 3 passed
Passed methods (show)
Times for Default suite
Total running time: 31 seconds
Number Method Class Time (ms)
0 cross_T2 com.simplilearn.driver_your_way_test 16,715
1 cross_T1 com.simplilearn.driver_your_way_test 11,579
2 initialization_T0 com.simplilearn.driver_your_way_test 2,818
Activate Windows


TestNG reports
FrontendApp
TestNG reports
file:///C:/Users/admin/OneDrive/simplelearn/MphasisClient_july_2022_batch2/Capstone%20Project/Capstone%20Project/Backend%20Project/backend-app/Drive_Your_Way_Test/tes...
1 suite
Switch Retro Theme
Test results
All suites
Default suite
Info
C:\Users\admin\AppData\Local\Temp\testng-eclipse--504158757\testng-customsuite.xml
1 test
1 group
Times
Reporter output
Ignored methods
Chronological view
Results
3 methods, 3 passed
Passed methods (hide)
cross_T1
cross_T2
initialization_T0
com.simplilearn.driver_your_way_test
cross_T1
cross_T2
initialization_T0
Activate Windows

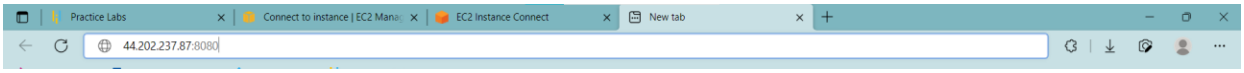
Step 8:Jenkins
Jenkins with EC2 instance

Step 1: connect to ec2 instance

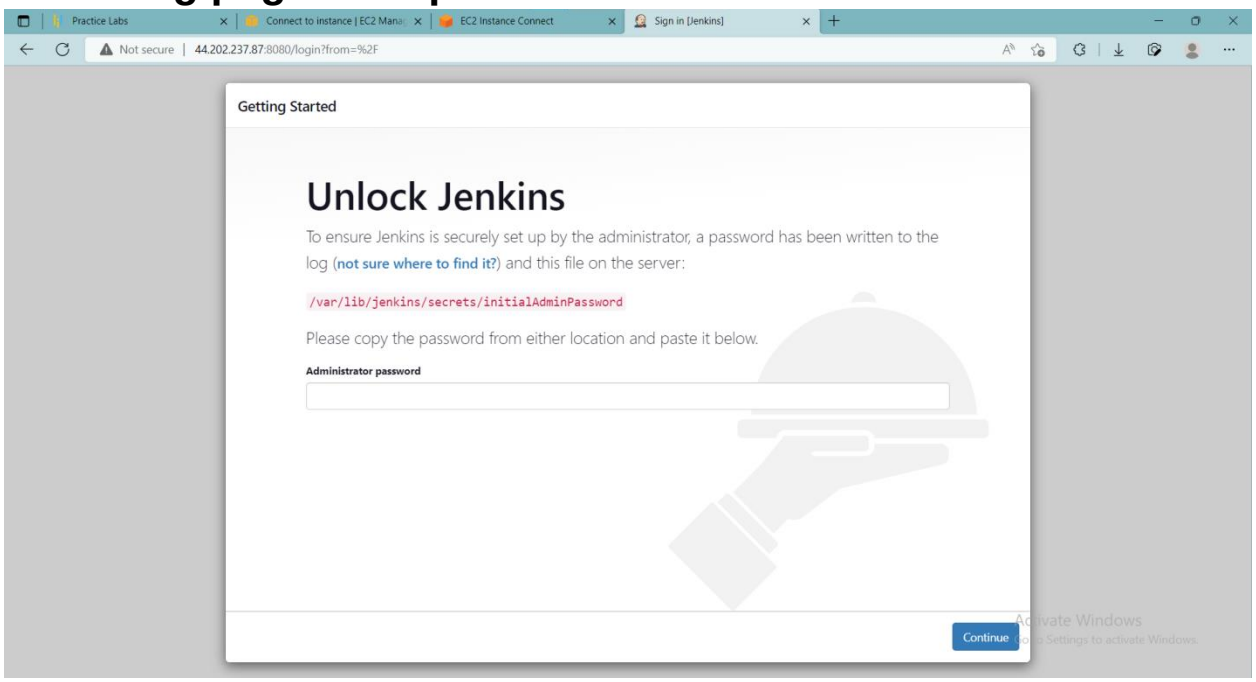


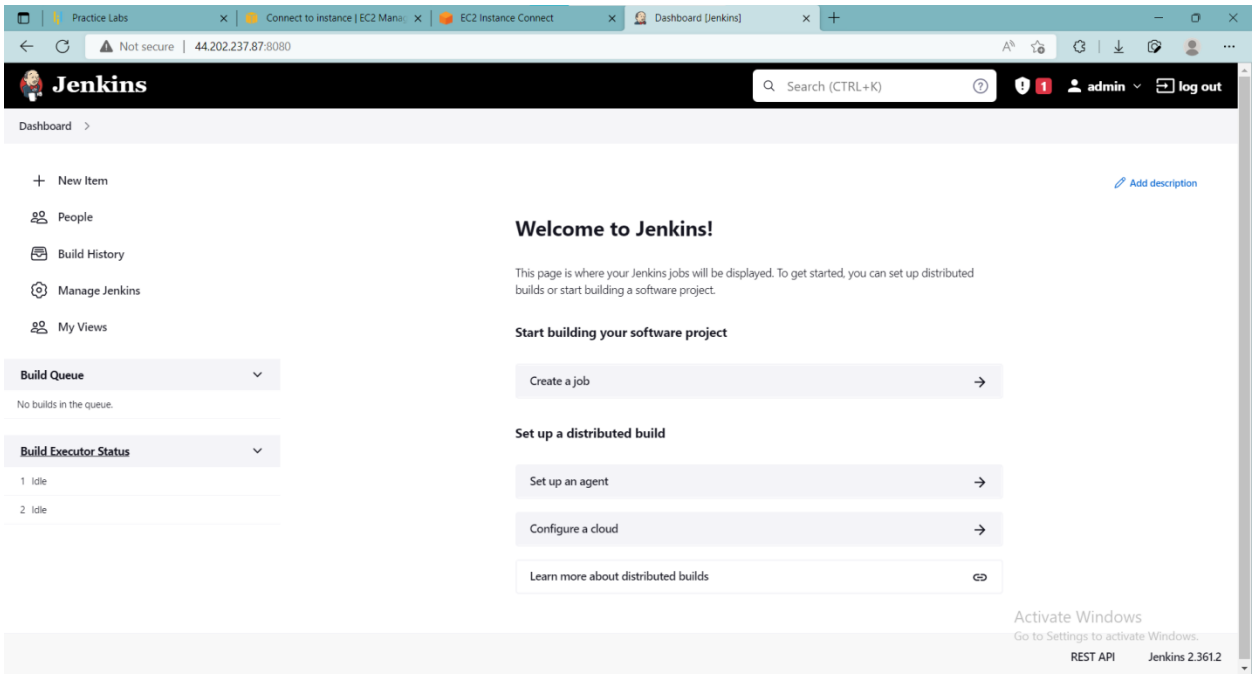
Step 2: use Jenkins

Use public ip :8080 as shown for Jenkins

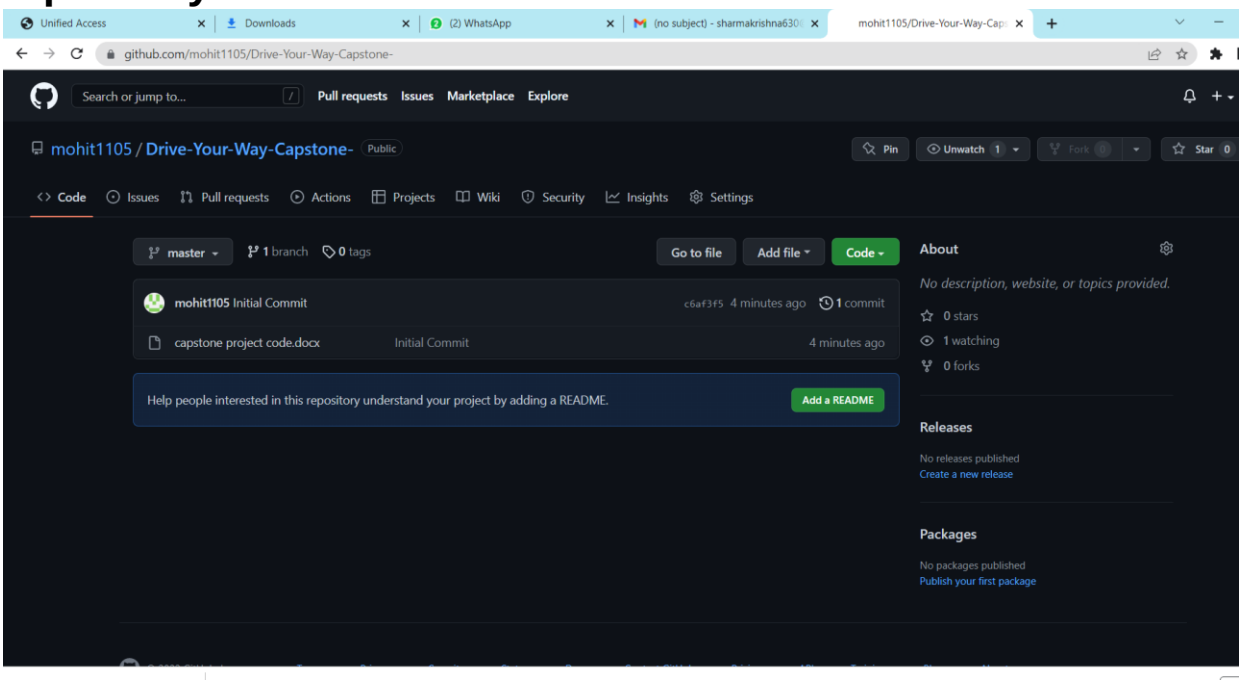


Following page will open

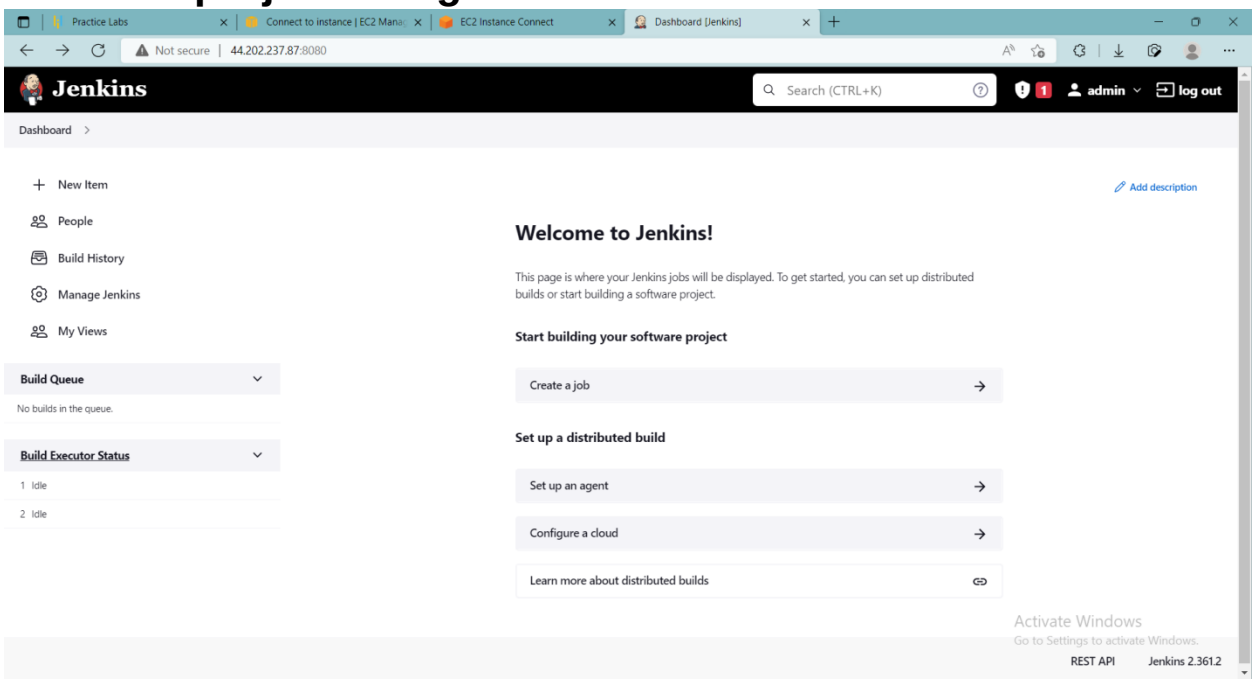


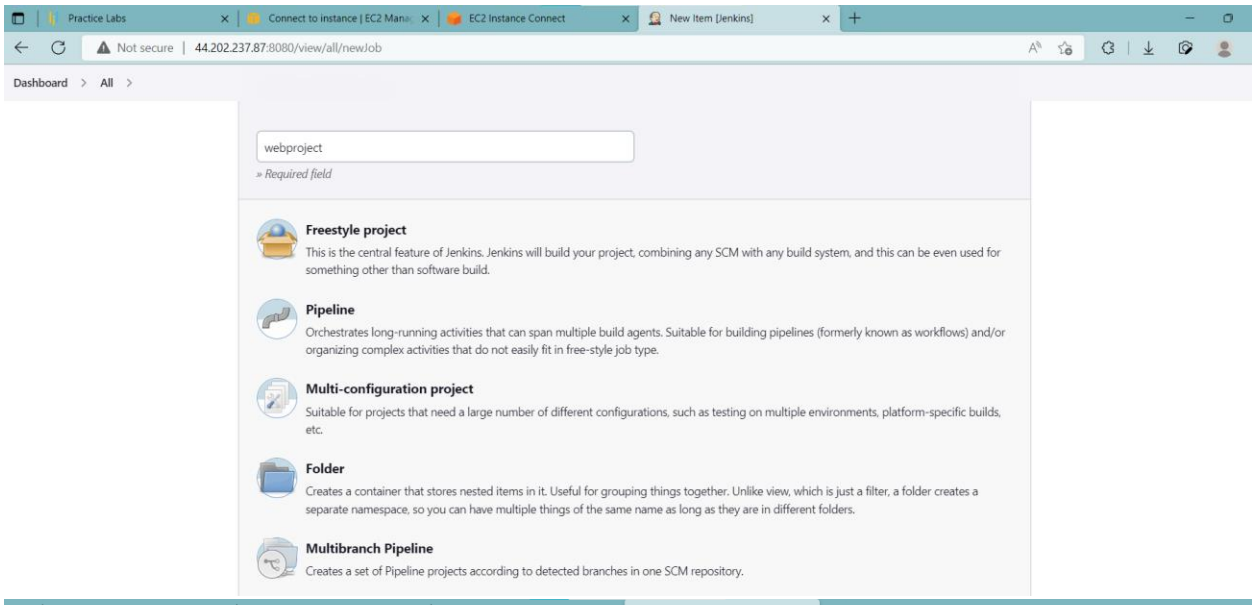


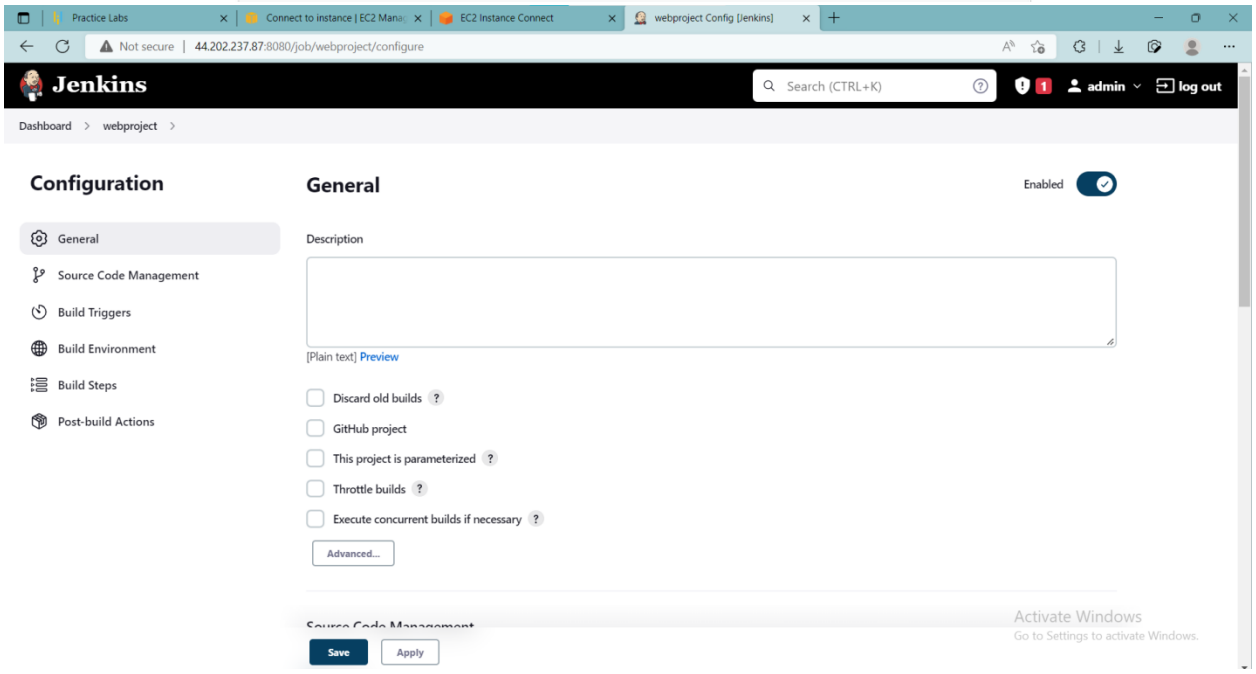
Take a spring boot project and create a separate git repository.

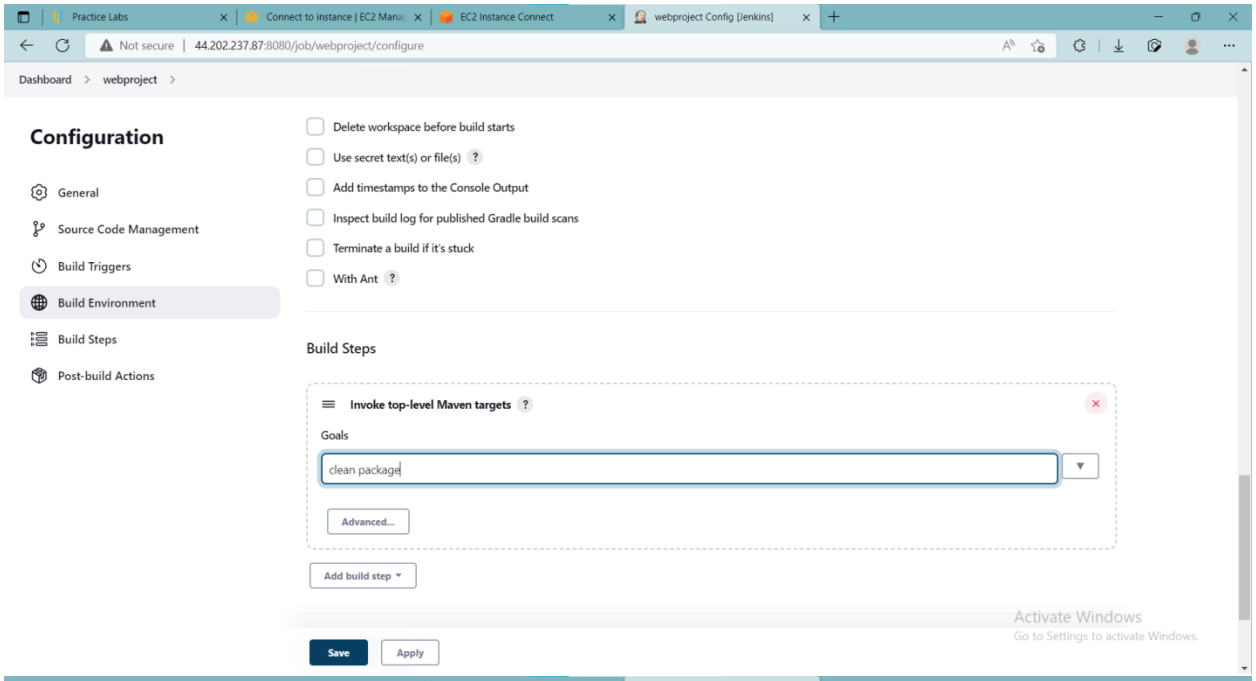


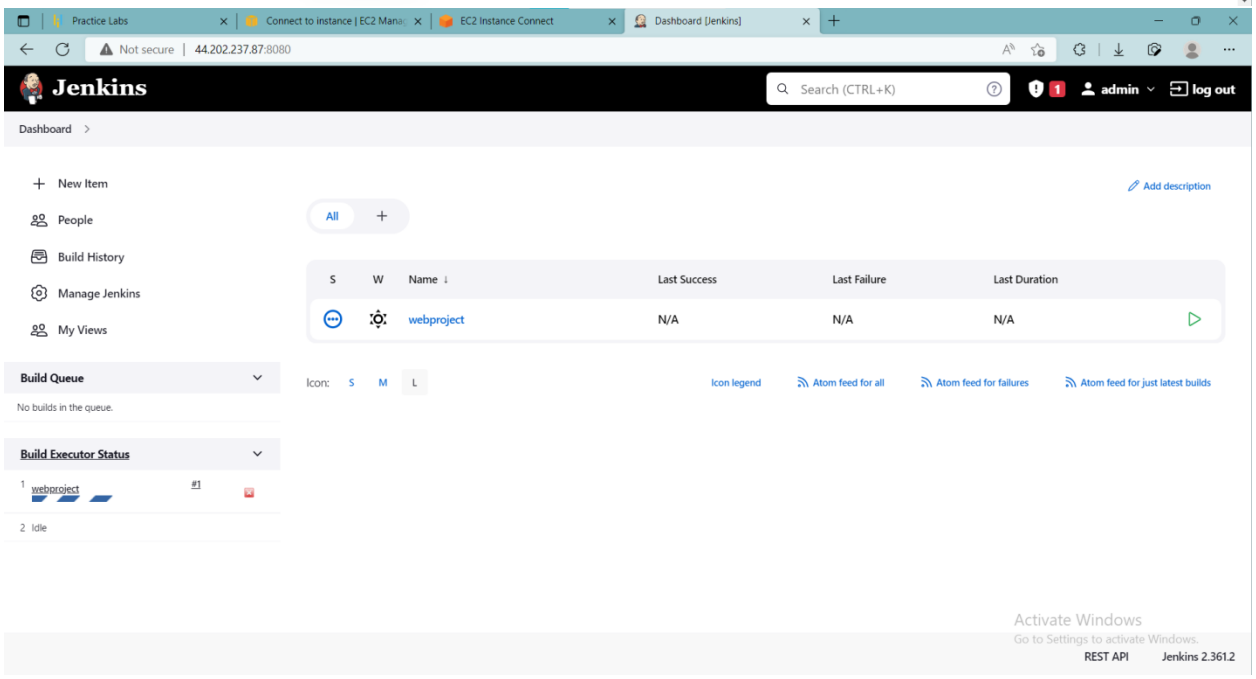
Build the project using Jenkins

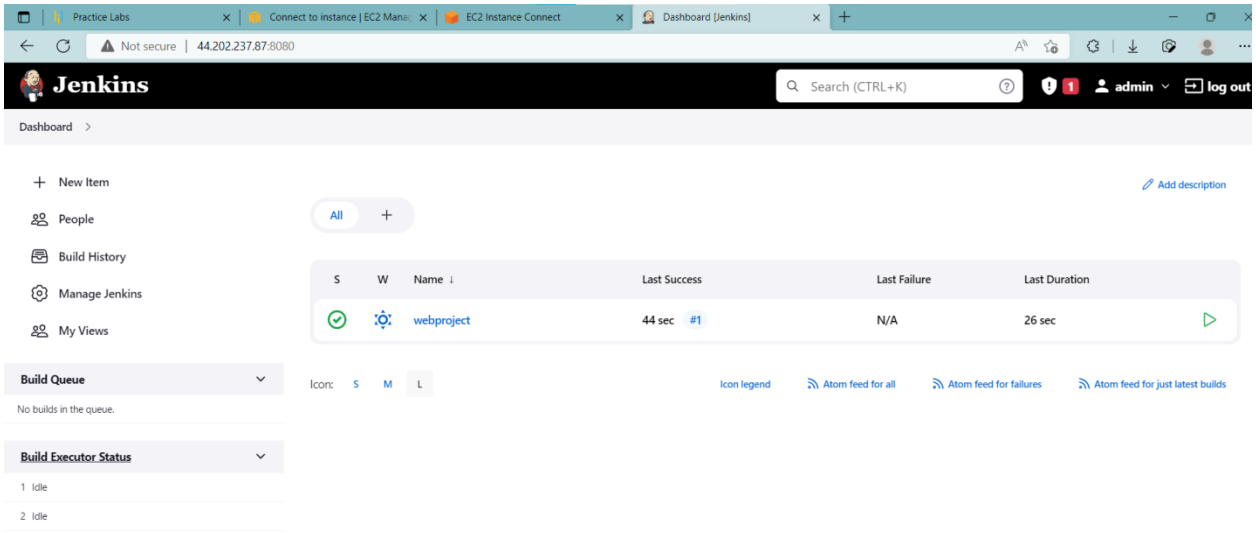



Practice Labs
Connect to instance | EC2 Mana
EC2 Instance Connect
New Item [Jenkins]
Not secure | 44.202.237.87:8080/view/all/newJob
Dashboard > All >
webproject
» Required field
Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.
Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.
Folder
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.
Multibranch Pipeline
Creates a set of Pipeline projects according to detected branches in one SCM repository.

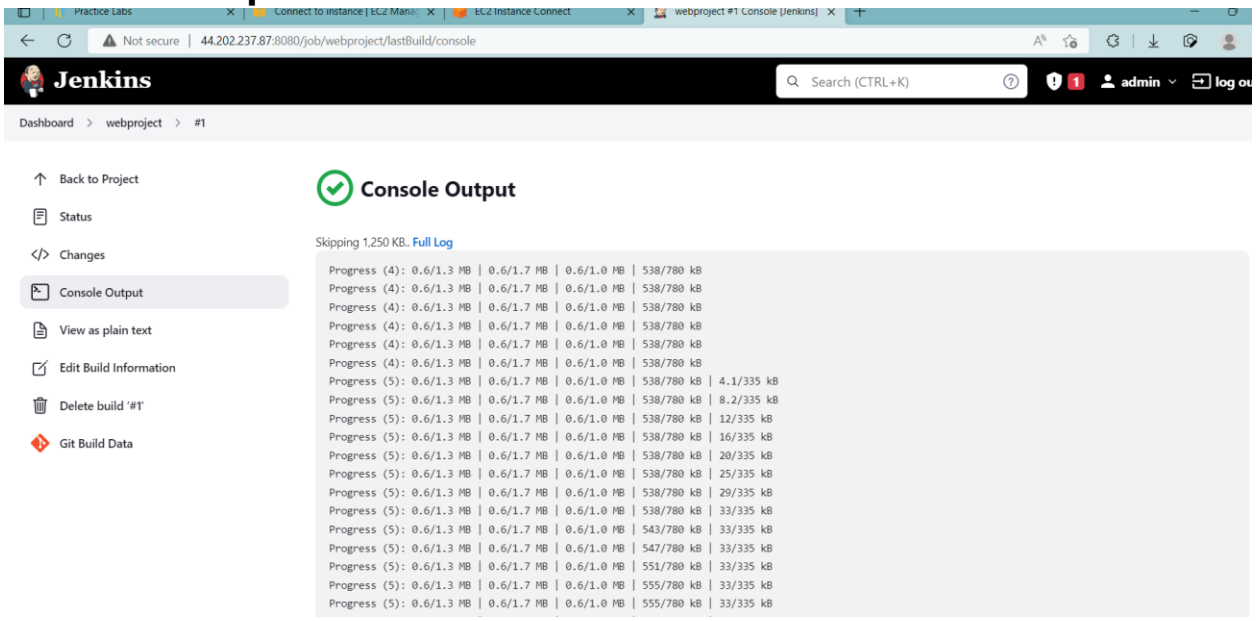

Practice Labs
Connect to instance | EC2 Mana
EC2 Instance Connect
webproject Config [Jenkins]
Not secure | 44.202.237.87:8080/job/webproject/configure
Jenkins
Search (CTRL+K)
admin
log out
Dashboard > webproject >
Configuration
General
Source Code Management
Build Triggers
Build Environment
Build Steps
Post-build Actions
General
Enabled
Description
[Plain text] Preview
Discard old builds
GitHub project
This project is parameterized
Throttle builds
Execute concurrent builds if necessary
Advanced...
Source Code Management
Save
Apply
Activate Windows
Go to Settings to activate Windows.

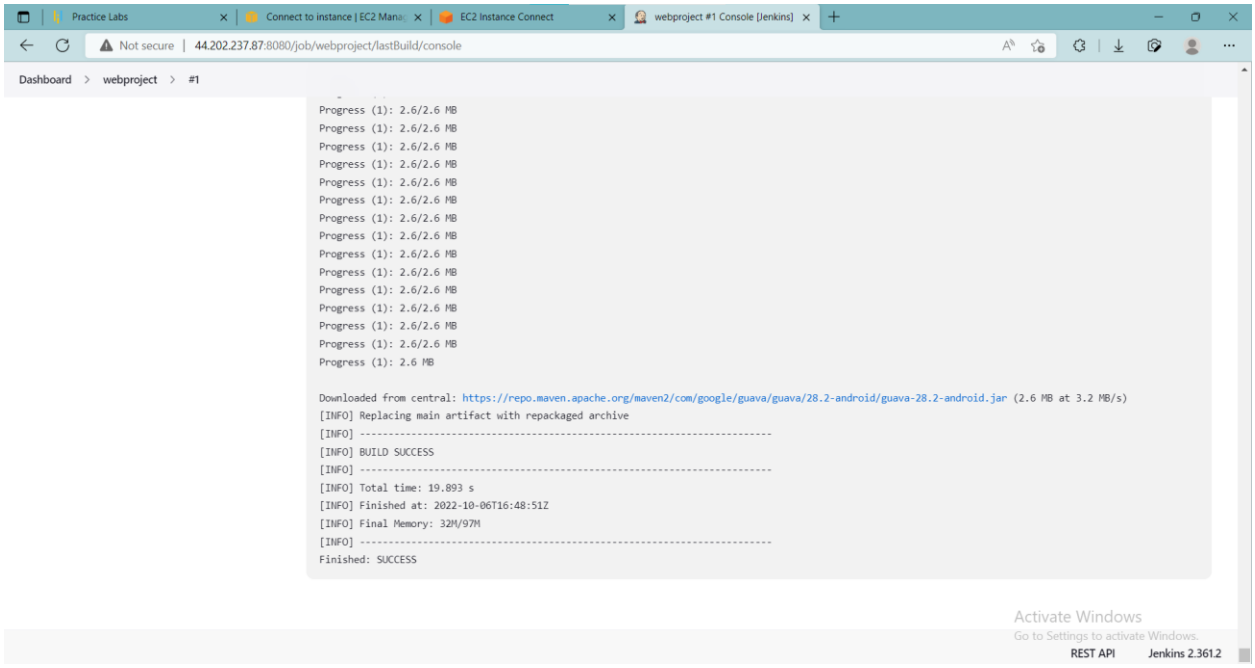

Practice Labs
Connect to instance | EC2 Mana
EC2 Instance Connect
webproject Config [Jenkins]
Not secure | 44.202.237.87:8080/job/webproject/configure
Dashboard > webproject >
Configuration
General
Source Code Management
Build Triggers
Build Environment
Build Steps
Post-build Actions
Delete workspace before build starts
Use secret text(s) or file(s)
Add timestamps to the Console Output
Inspect build log for published Gradle build scans
Terminate a build if it's stuck
With Ant
Build Steps
Invoke top-level Maven targets
Goals
clean package
Advanced...
Add build step
Activate Windows
Go to Settings to activate Windows.
Save
Apply


Practice Labs
Connect to instance | EC2 Mana
EC2 Instance Connect
Dashboard [Jenkins]
Not secure | 44.202.237.87:8080
Jenkins
Search (CTRL+K)
admin
log out
Dashboard >
New Item
People
Build History
Manage Jenkins
My Views
Build Queue
No builds in the queue.
Build Executor Status
1 webproject #1
2 Idle
Add description
All
S
W
Name
Last Success
Last Failure
Last Duration
webproject
N/A
N/A
N/A
Icon: S M L
Icon legend
Atom feed for all
Atom feed for failures
Atom feed for just latest builds
Activate Windows
Go to Settings to activate Windows.
REST API
Jenkins 2.361.2

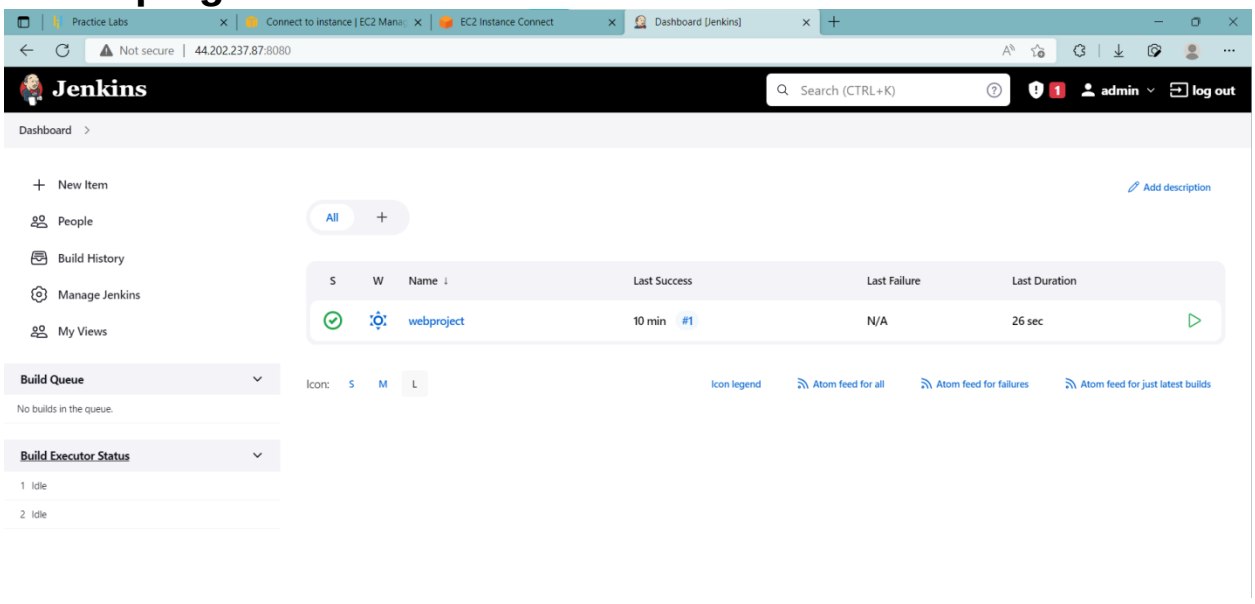


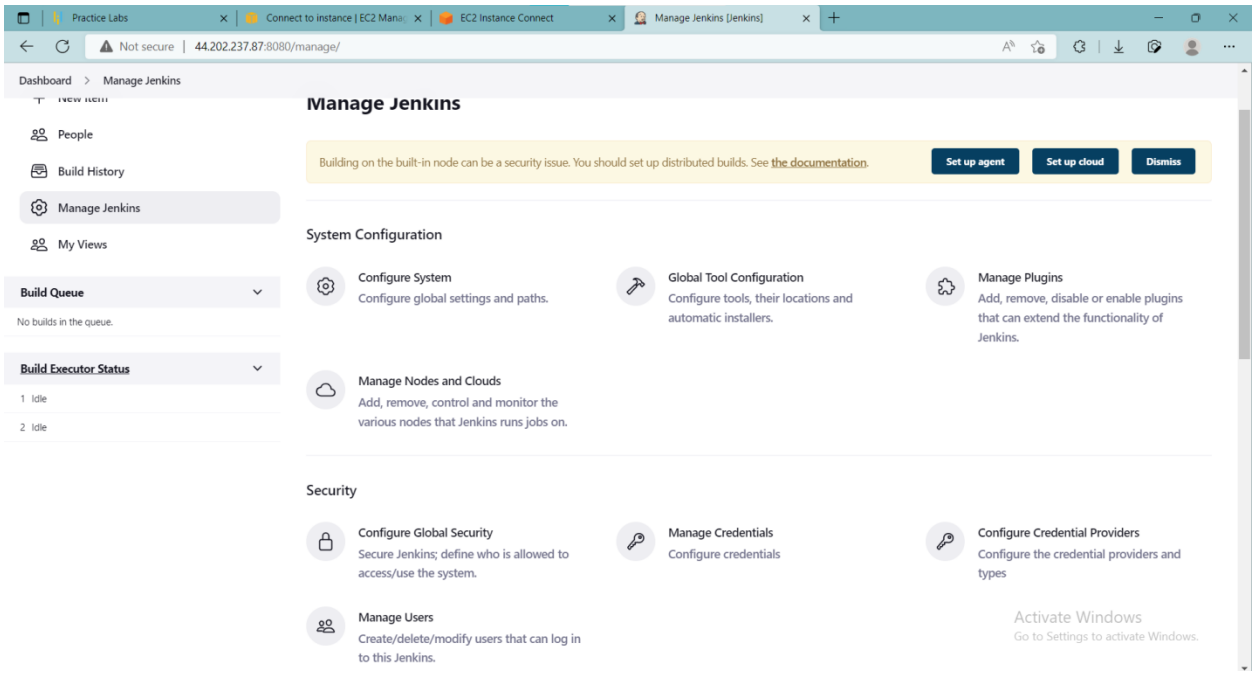
Console output

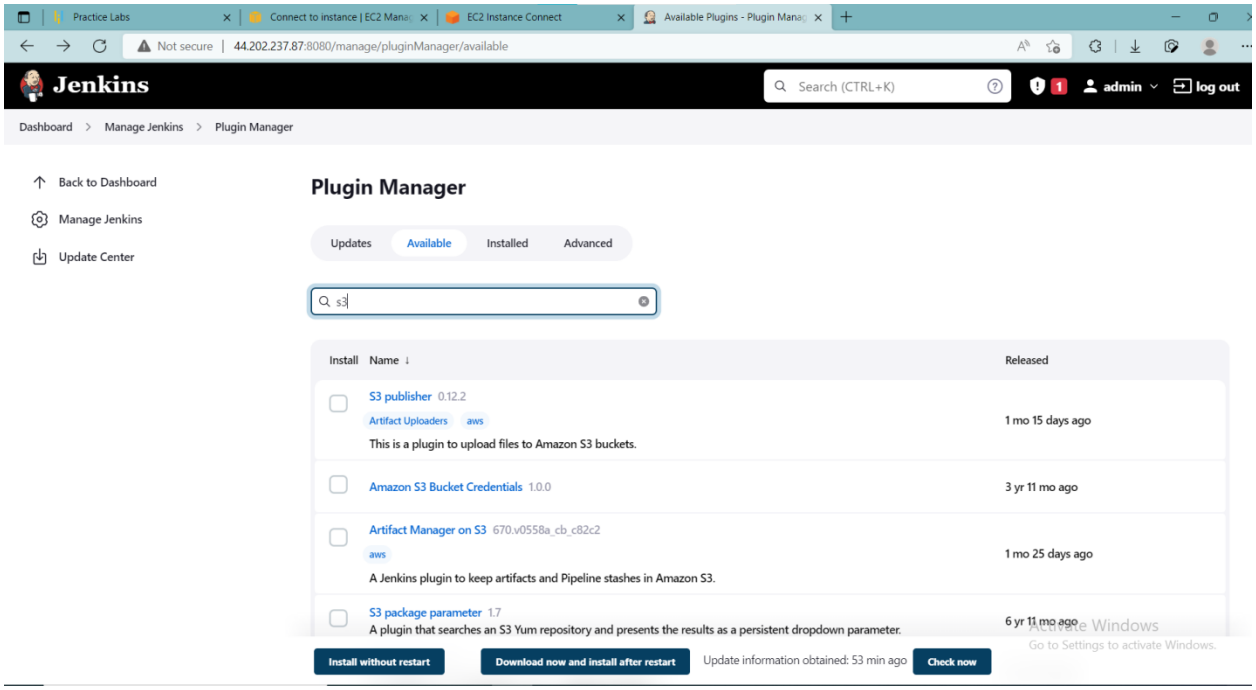


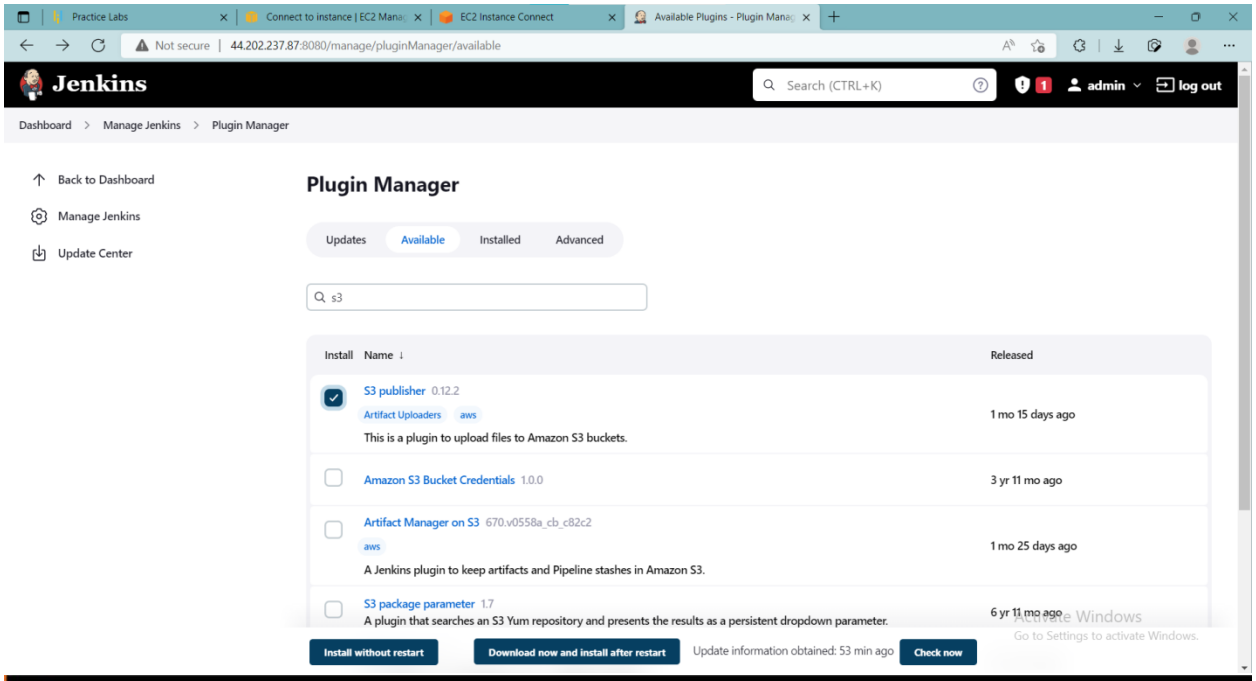


Now for s3 we have to configure it.
Install plugins




Practice Labs
Connect to instance | EC2 Manag
EC2 Instance Connect
Manage Jenkins [Jenkins]
Not secure | 44.202.237.87:8080/manage/
Dashboard > Manage Jenkins
People
Build History
Manage Jenkins
My Views
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Manage Jenkins
Building on the built-in node can be a security issue. You should set up distributed builds. See the documentation.
Set up agent
Set up cloud
Dismiss
System Configuration
Configure System
Configure global settings and paths.
Global Tool Configuration
Configure tools, their locations and automatic installers.
Manage Plugins
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
Manage Nodes and Clouds
Add, remove, control and monitor the various nodes that Jenkins runs jobs on.
Security
Configure Global Security
Secure Jenkins; define who is allowed to access/use the system.
Manage Credentials
Configure credentials
Configure Credential Providers
Configure the credential providers and types
Manage Users
Create/delete/modify users that can log in to this Jenkins.
Activate Windows
Go to Settings to activate Windows.


Practice Labs
Connect to instance | EC2 Manag
EC2 Instance Connect
Available Plugins - Plugin Manag
Not secure | 44.202.237.87:8080/manage/pluginManager/available
Jenkins
Search (CTRL+K)
admin
log out
Dashboard > Manage Jenkins > Plugin Manager
Back to Dashboard
Manage Jenkins
Update Center
Plugin Manager
Updates
Available
Installed
Advanced
s3
Install
Name
Released
S3 publisher 0.12.2
Artifact Uploaders
aws
This is a plugin to upload files to Amazon S3 buckets.
1 mo 15 days ago
Amazon S3 Bucket Credentials 1.0.0
3 yr 11 mo ago
Artifact Manager on S3 670.v0558a_cb_c82c2
aws
A Jenkins plugin to keep artifacts and Pipeline stashes in Amazon S3.
1 mo 25 days ago
S3 package parameter 1.7
A plugin that searches an S3 Yum repository and presents the results as a persistent dropdown parameter.
6 yr 11 mo ago
Install without restart
Download now and install after restart
Update information obtained: 53 min ago
Check now
Activate Windows
Go to Settings to activate Windows.


Practice Labs
Connect to instance | EC2 Manag
EC2 Instance Connect
Available Plugins - Plugin Manag
Not secure | 44.202.237.87:8080/manage/pluginManager/available
Jenkins
Search (CTRL+K)
admin
log out
Dashboard > Manage Jenkins > Plugin Manager
Back to Dashboard
Manage Jenkins
Update Center
Plugin Manager
Updates
Available
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Advanced
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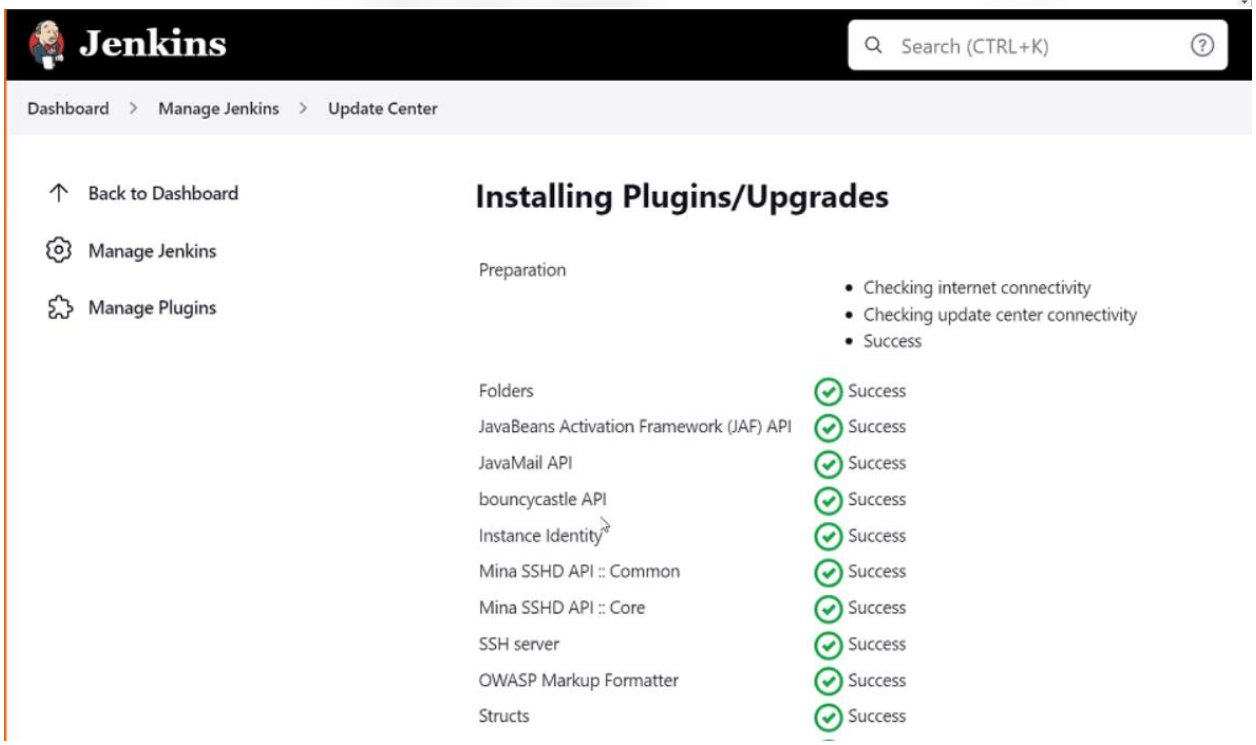
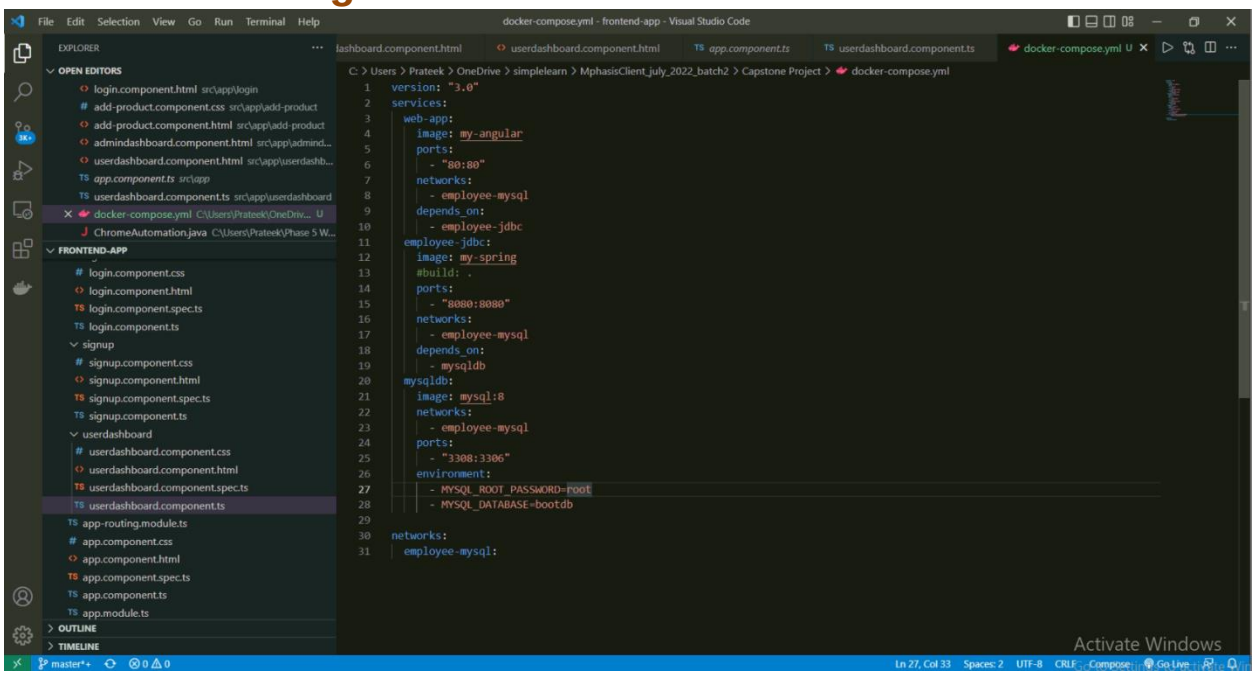
Download now and install after restart
Update information obtained: 53 min ago
Check now


Jenkins
Search (CTRL+K)
Dashboard > Manage Jenkins > Update Center
Back to Dashboard
Manage Jenkins
Manage Plugins
Installing Plugins/Upgrades
Preparation
Checking internet connectivity
Checking update center connectivity
Success
Folders
Success
JavaBeans Activation Framework (JAF) API
Success
JavaMail API
Success
bouncycastle API
Success
Instance Identity
Success
Mina SSHD API :: Common
Success
Mina SSHD API :: Core
Success
SSH server
Success
OWASP Markup Formatter
Success
Structs
Success

Step 9:Docker Container

Docker file in angular



Step 10: Pushing the code to GitHub repository