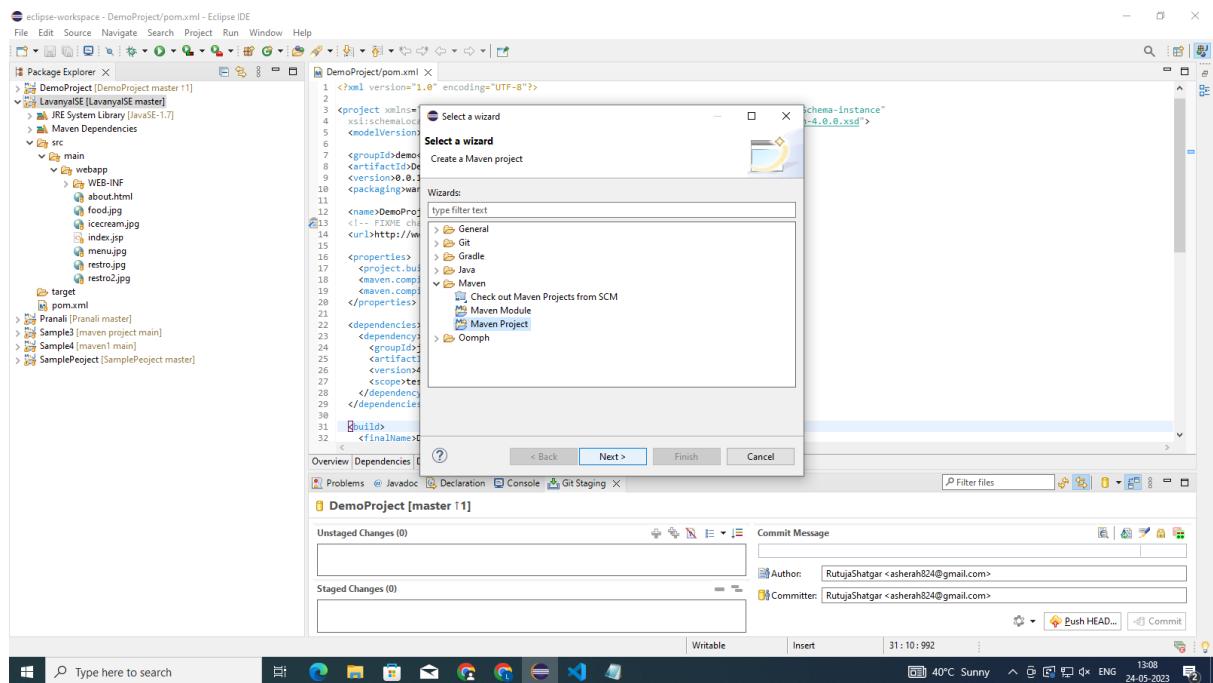


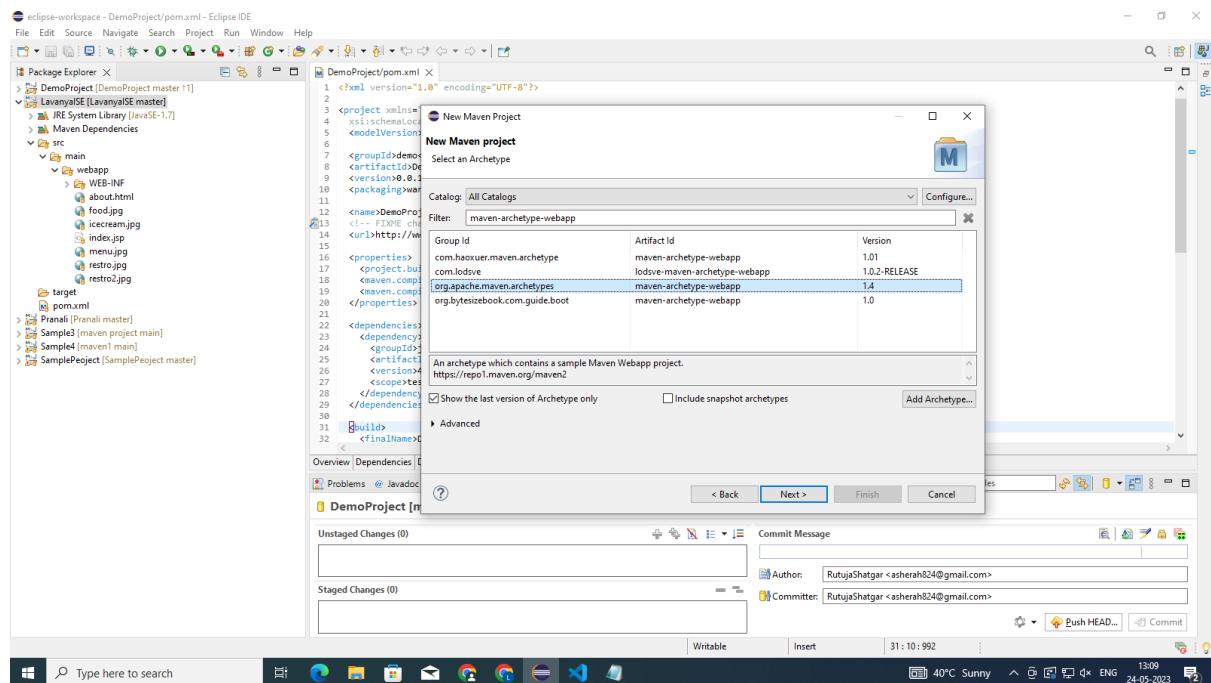
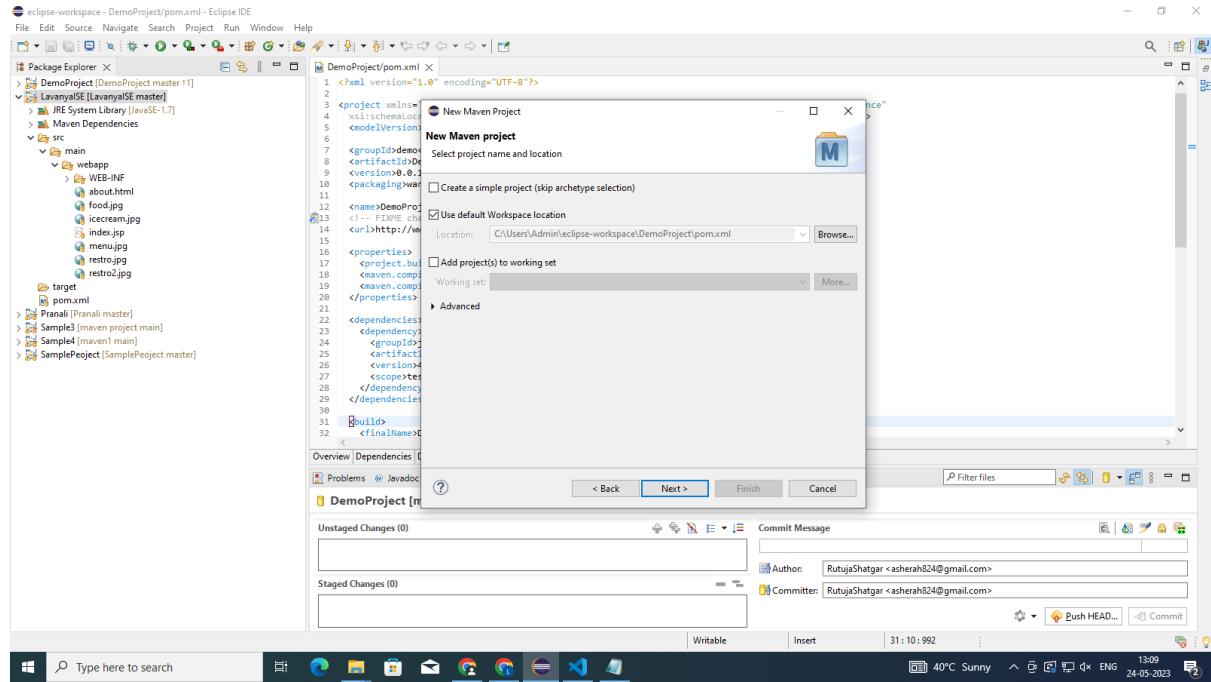
Name : Lavanya Aken
Roll No : 2
Subject : DevOps ISE2

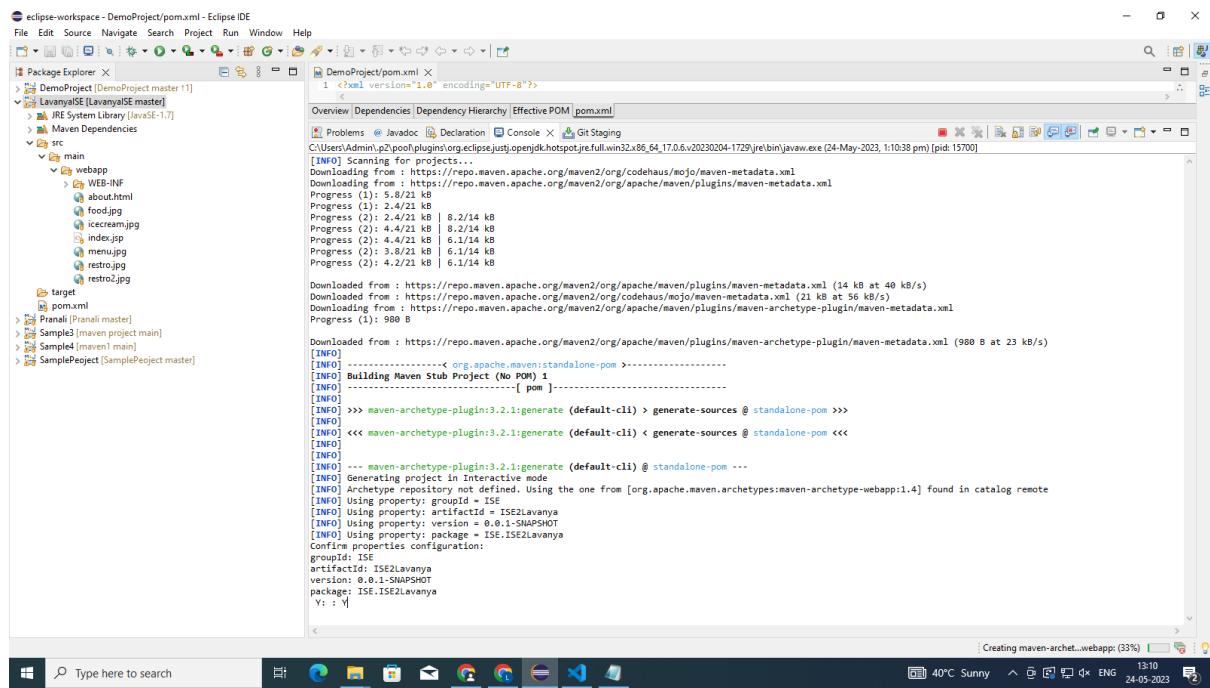
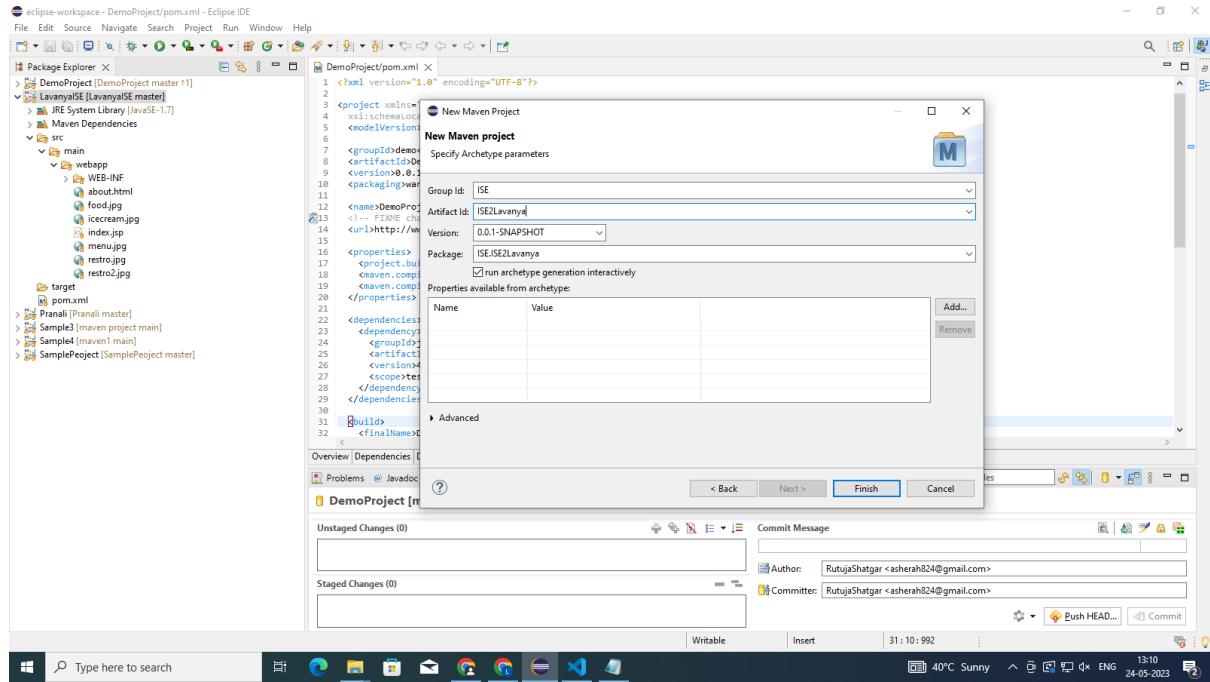
Create a web application of your choice with at least 5 interlinked pages & push it to GitHub/GitLab repository.

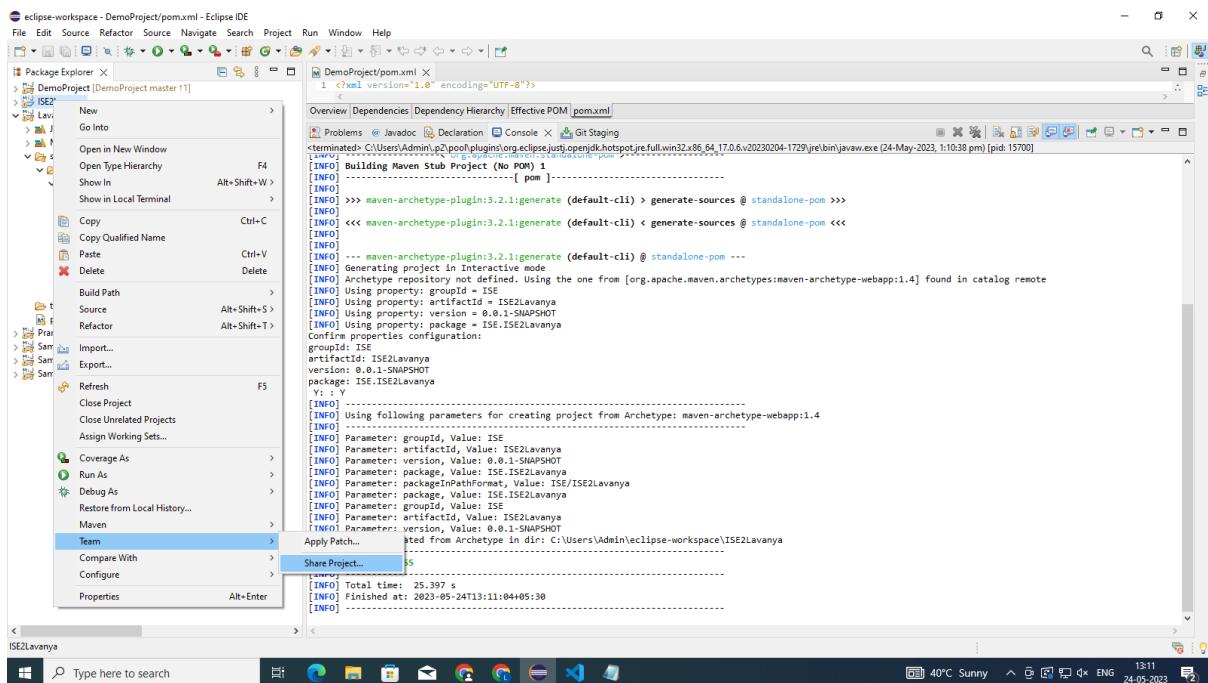
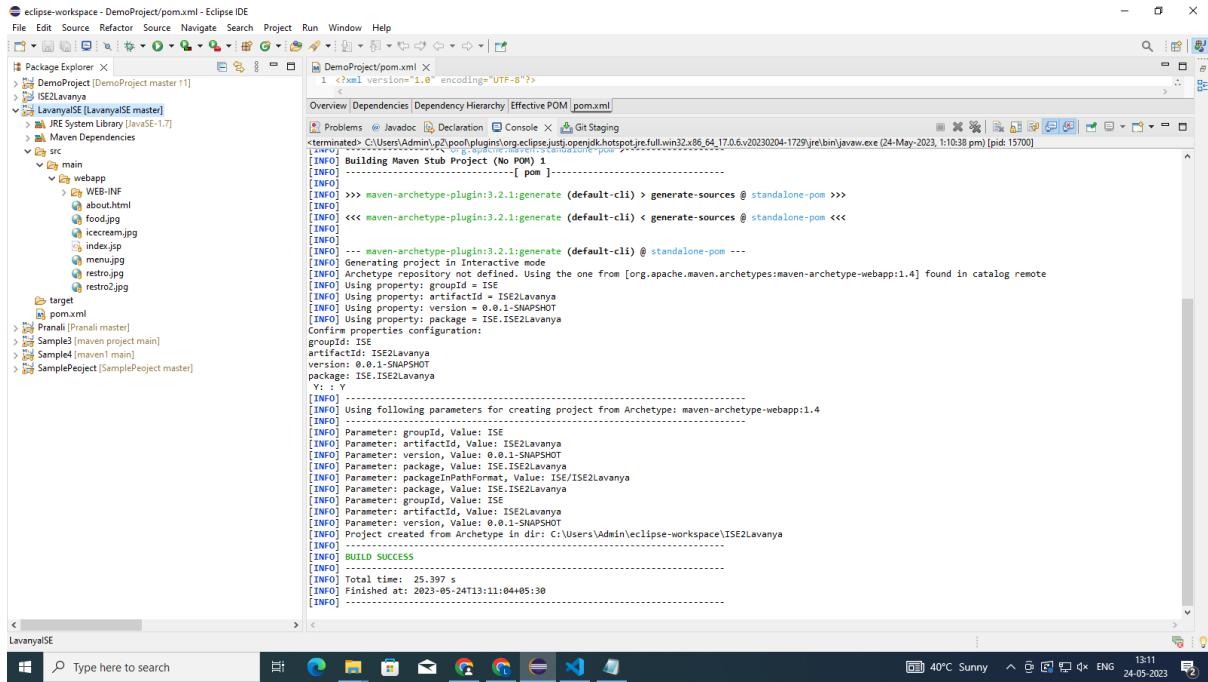
Use GitHub/GitLab, Maven, Tomcat with Jenkins to automate deployment of the above-mentioned application to a container using Jenkins plugin, "Deploy to container".

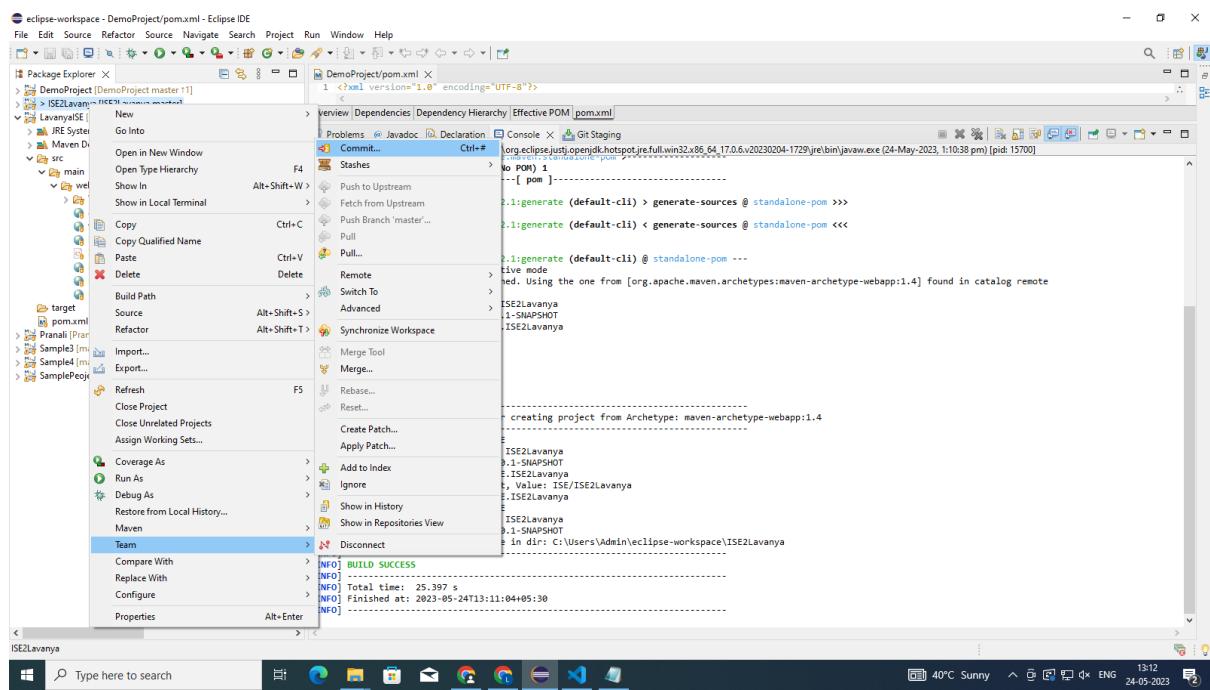
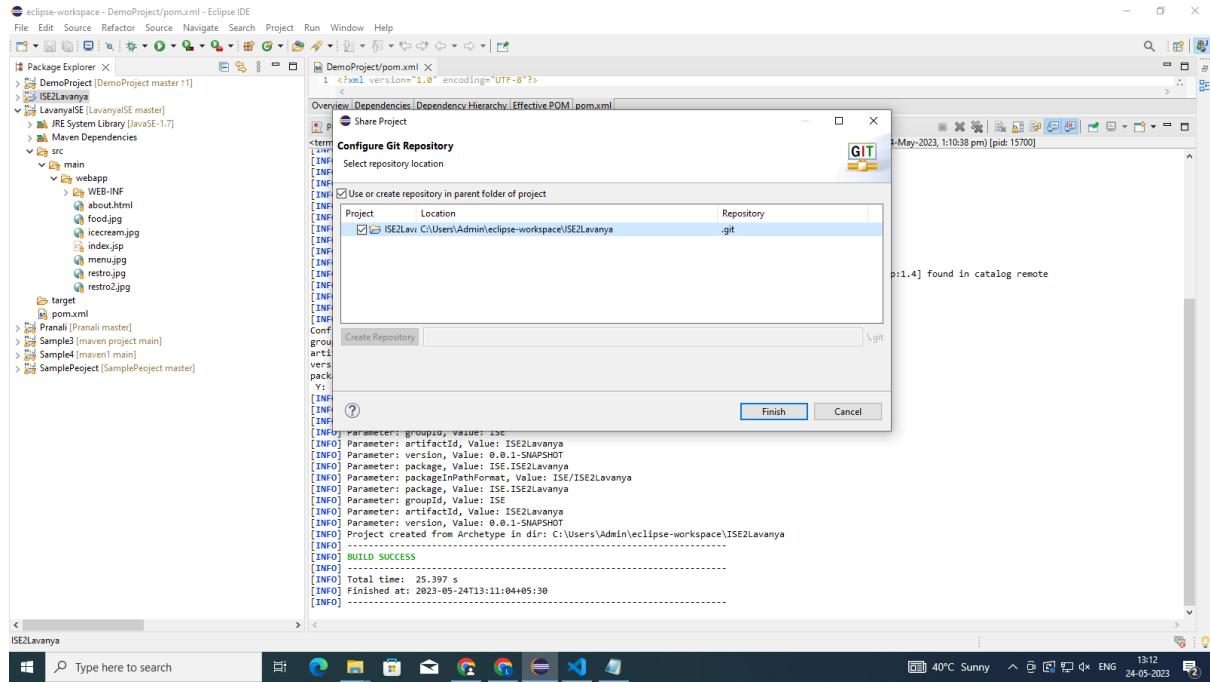
Step1 : Start the Eclipse.Click on File->New->Maven Project.

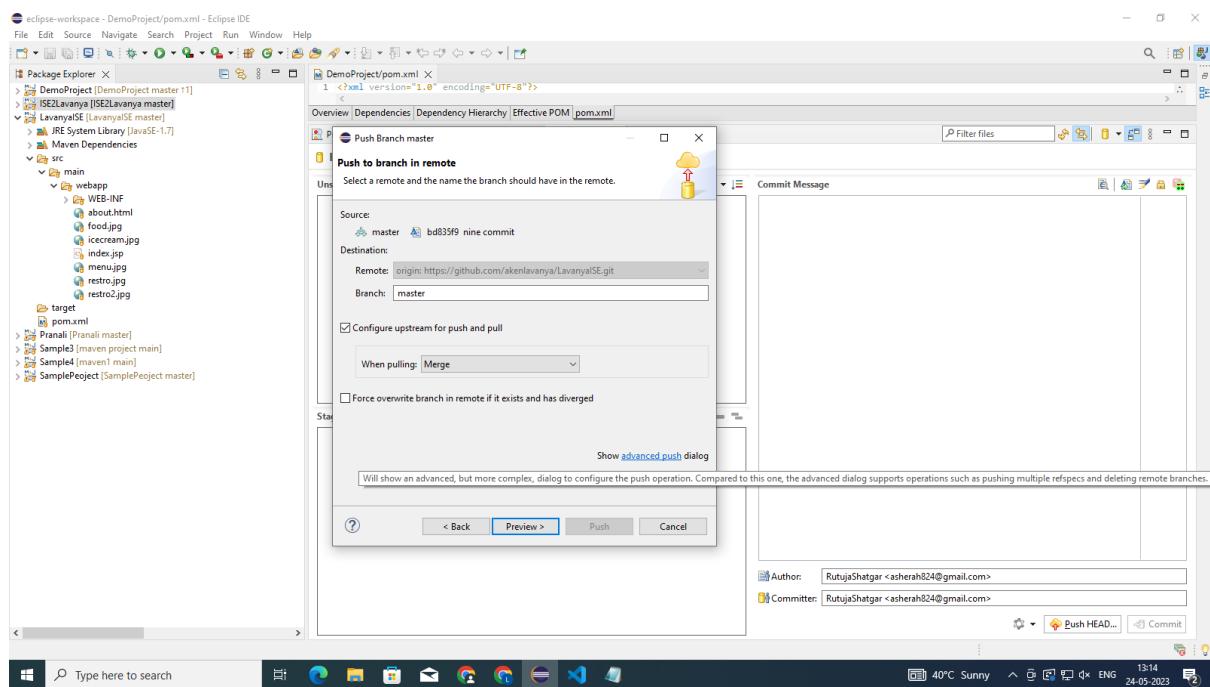
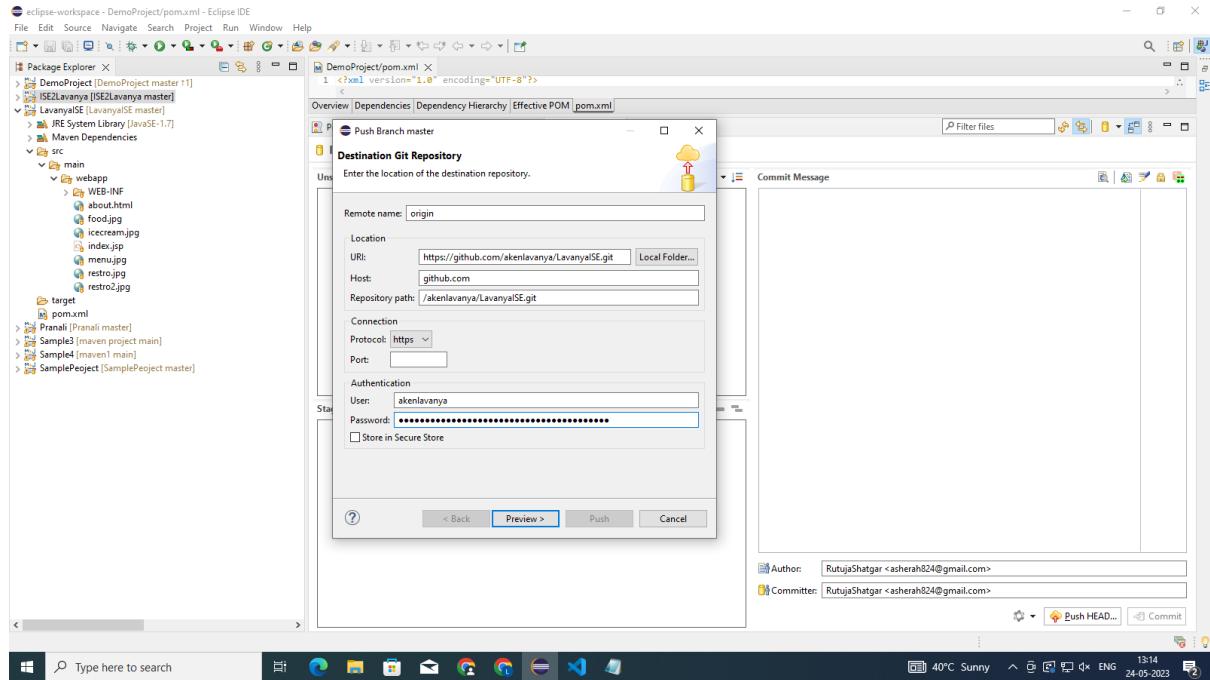




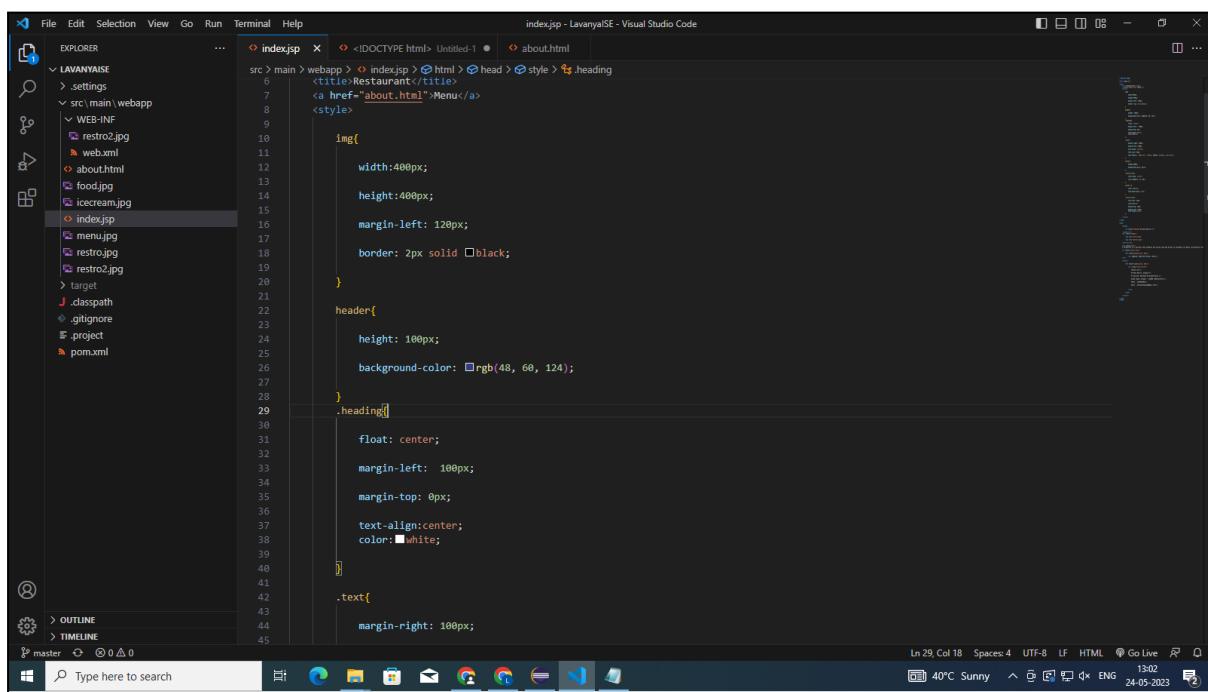
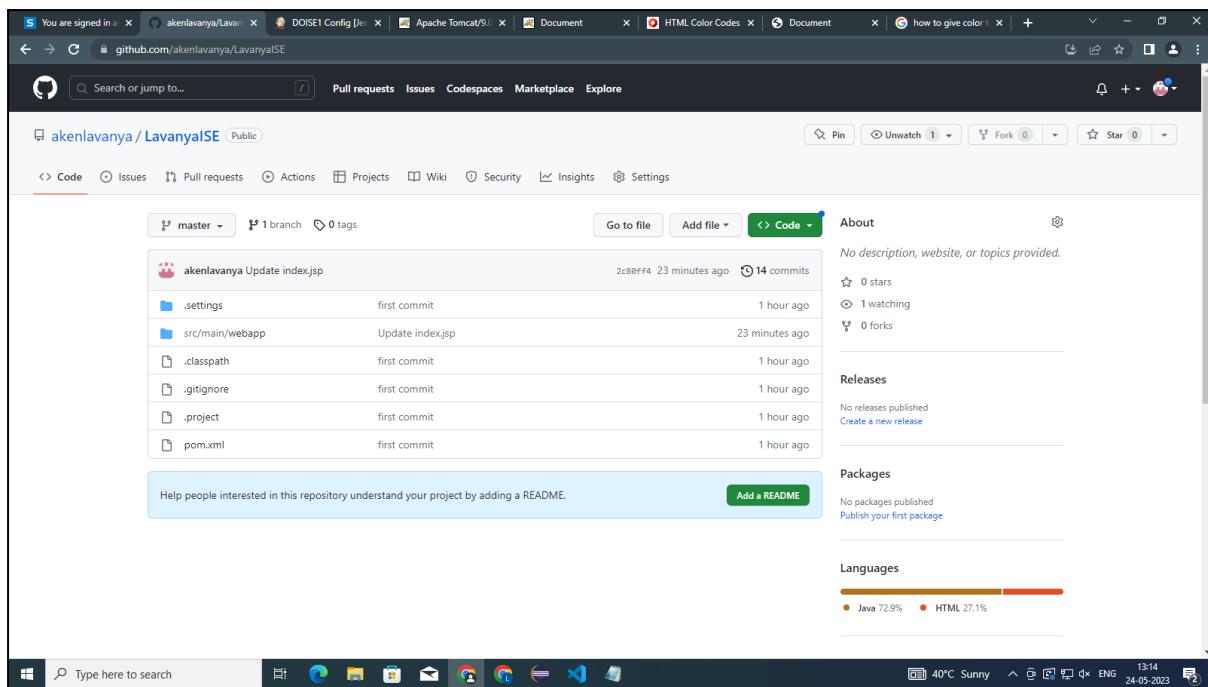








After Successful Push:



The screenshot shows the Visual Studio Code interface. The left sidebar displays a file tree for a project named 'LAVANYAISE'. The 'src' folder contains 'main' and 'webapp' subfolders. Inside 'webapp', there are several image files like 'restro2.jpg', 'about.html', 'food.jpg', 'icecream.jpg', 'index.jsp', 'menu.jpg', 'restro.jpg', and 'restro2.jpg'. The right pane shows the content of the 'about.html' file, which includes HTML and CSS code for a web page. The status bar at the bottom provides information such as 'Ln 24, Col 32', 'Spaces: 4', 'UTF-8', 'CRLF', 'HTML', '40°C Sunny', and the date '24-05-2023'.

The screenshot shows the Eclipse IDE interface. The left sidebar is the 'Package Explorer' showing various projects like 'DemoProject', 'LavanyaISE', 'Maven Dependencies', and 'target'. The central area is the 'pom.xml' editor, displaying the XML configuration for the Maven project. The status bar at the bottom shows '40°C Sunny' and the date '24-05-2023'.

Jenkins :

You are signed in | LavanyaSE/index | DOISE1 Config | Apache Tomcat/9 | Document | HTML Color Codes | Document | how to give color | +

localhost:8080/job/DOISE1/configure

Dashboard > DOISE1 > Configuration

Configure

Source Code Management

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

None

Git

Repositories

Repository URL: <https://github.com/akenlavanya/LavanyaSE.git>

Credentials: - none -

Add

Advanced

Add Repository

Branches to build

Save Apply

Type here to search

40°C Sunny 13:05 24-05-2023

This screenshot shows the Jenkins configuration interface for the 'DOISE1' job. The 'Source Code Management' section is active, set to 'Git'. The 'Repository URL' field contains the URL 'https://github.com/akenlavanya/LavanyaSE.git'. The 'Branches to build' field has the specifier '/master'. Other sections like 'Build Triggers' and 'Post-build Actions' are visible but inactive.

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localhost:8080/job/DOISE1/configure

Dashboard > DOISE1 > Configuration

Configure

Source Code Management

General

Build Triggers

Build Environment

Build Steps

Post-build Actions

Branches to build

Branch Specifier (blank for 'any'): */master

Add Branch

Repository browser: (Auto)

Additional Behaviours

Add

Build Triggers

Trigger builds remotely (e.g., from scripts)

Build after other projects are built

Build periodically

Save Apply

Type here to search

40°C Sunny 13:06 24-05-2023

This screenshot shows the Jenkins configuration interface for the 'DOISE1' job. The 'Build Triggers' section is active, containing three checkboxes for triggering builds: 'Trigger builds remotely (e.g., from scripts)', 'Build after other projects are built', and 'Build periodically'. The 'Save' and 'Apply' buttons are located at the bottom of the configuration panel.

You are signed in | LavanyaSE/index | DOISE1 Config | Apache Tomcat/9 | Document | HTML Color Codes | Document | how to give color | +

localhost:8080/job/DOISE1/configure

Dashboard > DOISE1 > Configuration

Configure

Build Triggers

Trigger builds remotely (e.g., from scripts) ?
 Build after other projects are built ?
 Build periodically ?
 GitHub hook trigger for GITScm polling ?
 Poll SCM ?
Schedule ?

⚠ Do you really mean "every minute" when you say "*****"? Perhaps you meant "H * * * *" to poll once per hour
Would last run have at Wednesday, 24 May, 2023 at 1:05:44 pm India Standard Time; would next run at Wednesday, 24 May, 2023 at 1:05:44 pm India Standard Time.
 Ignore post-commit hooks ?

Build Environment

Delete workspace before build starts

Save **Apply**

Type here to search 40°C Sunny 13:06 24-05-2023

You are signed in | LavanyaSE/index | DOISE1 Config | Apache Tomcat/9 | Document | HTML Color Codes | Document | how to give color | +

localhost:8080/job/DOISE1/configure

Dashboard > DOISE1 > Configuration

Configure

Build Steps

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

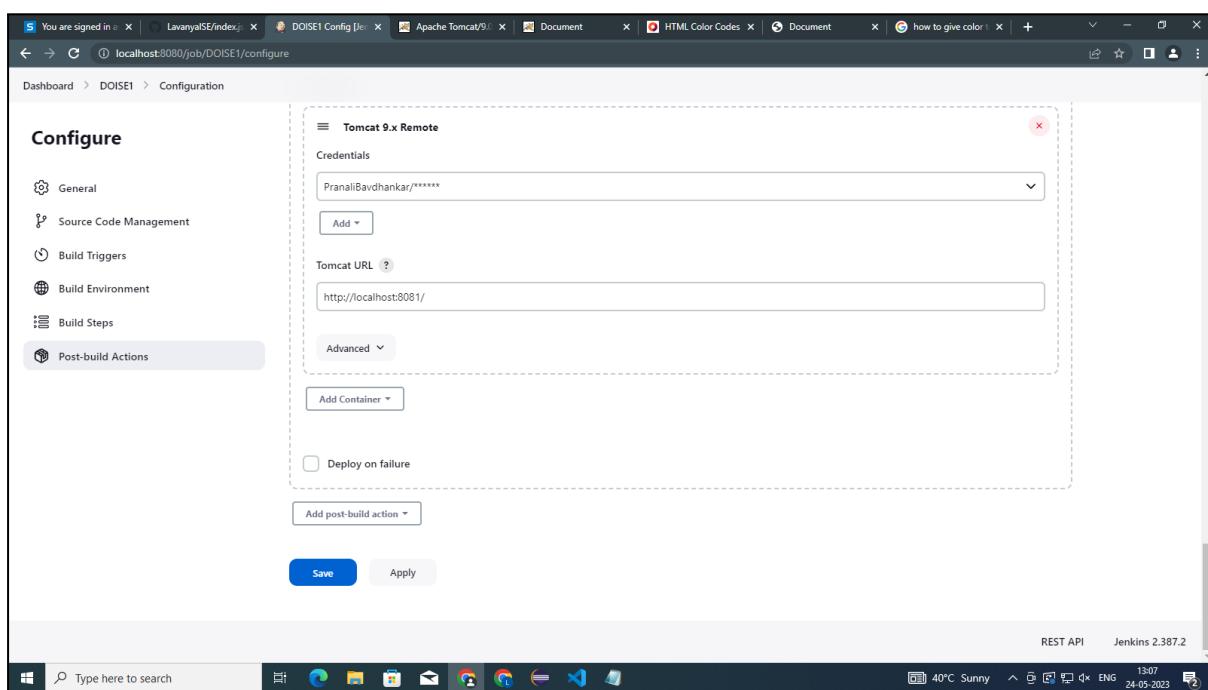
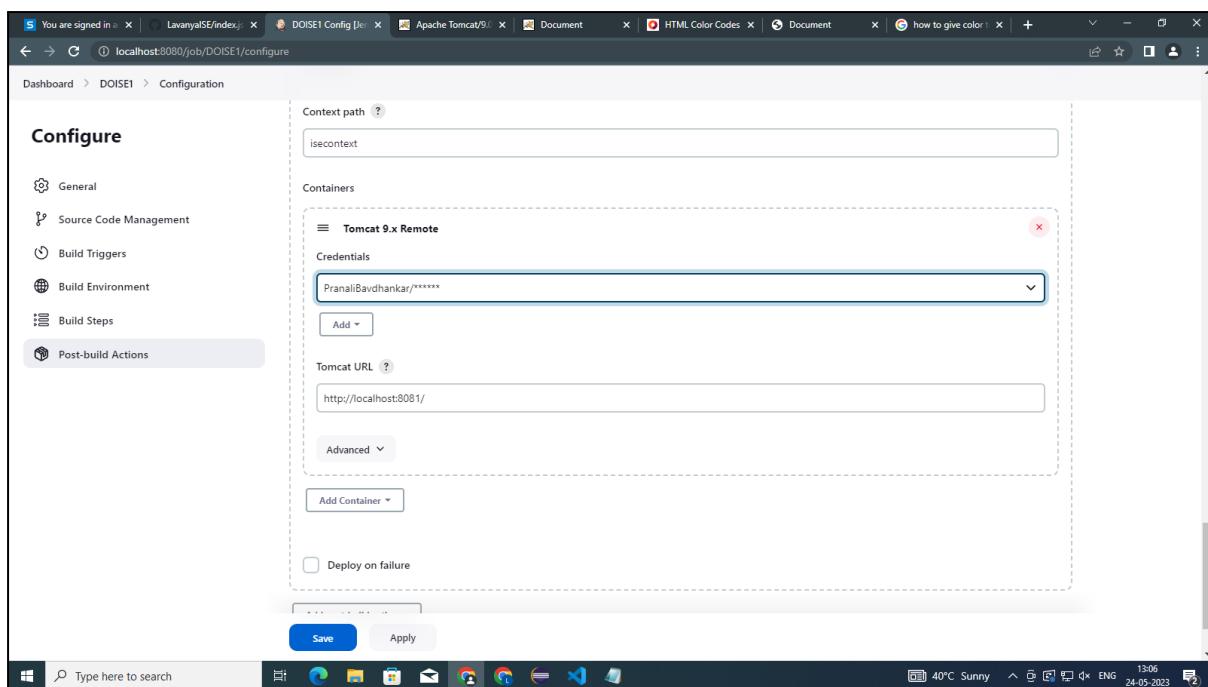
Invoke top-level Maven targets ?
Maven Version: Maven
Goals: clean install
Advanced ▾
Add build step ▾

Post-build Actions

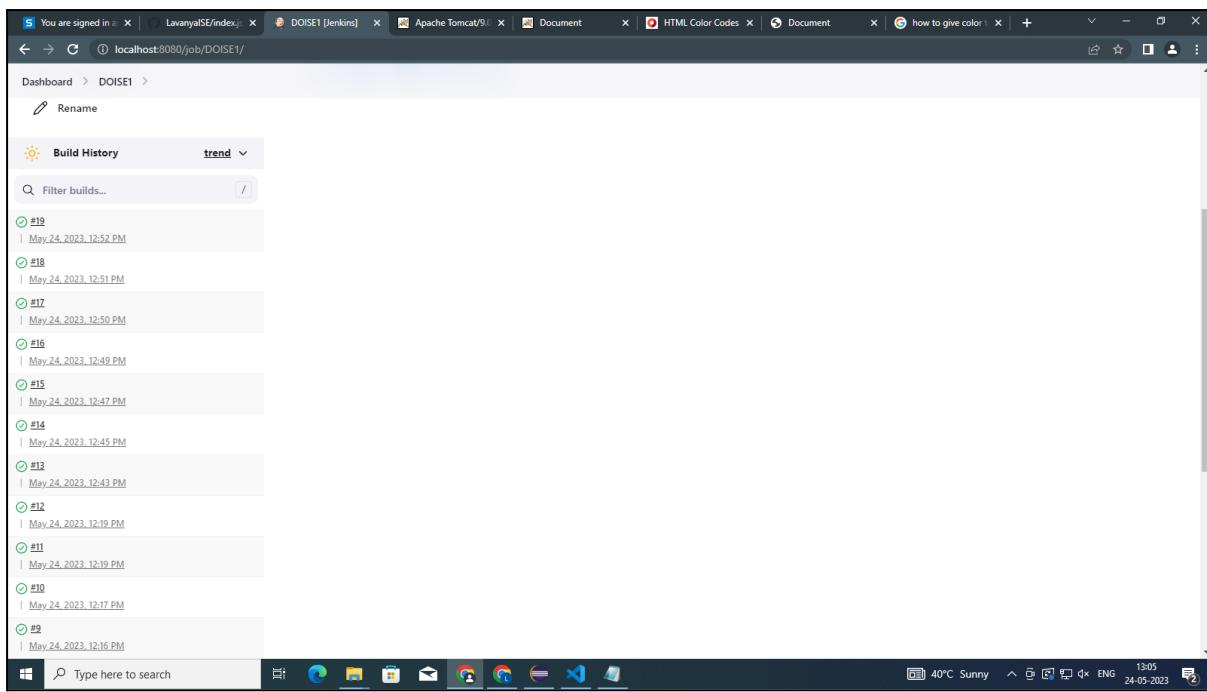
Deploy war/ear to a container
WAR/EAR files ?
**/*.war

Save **Apply**

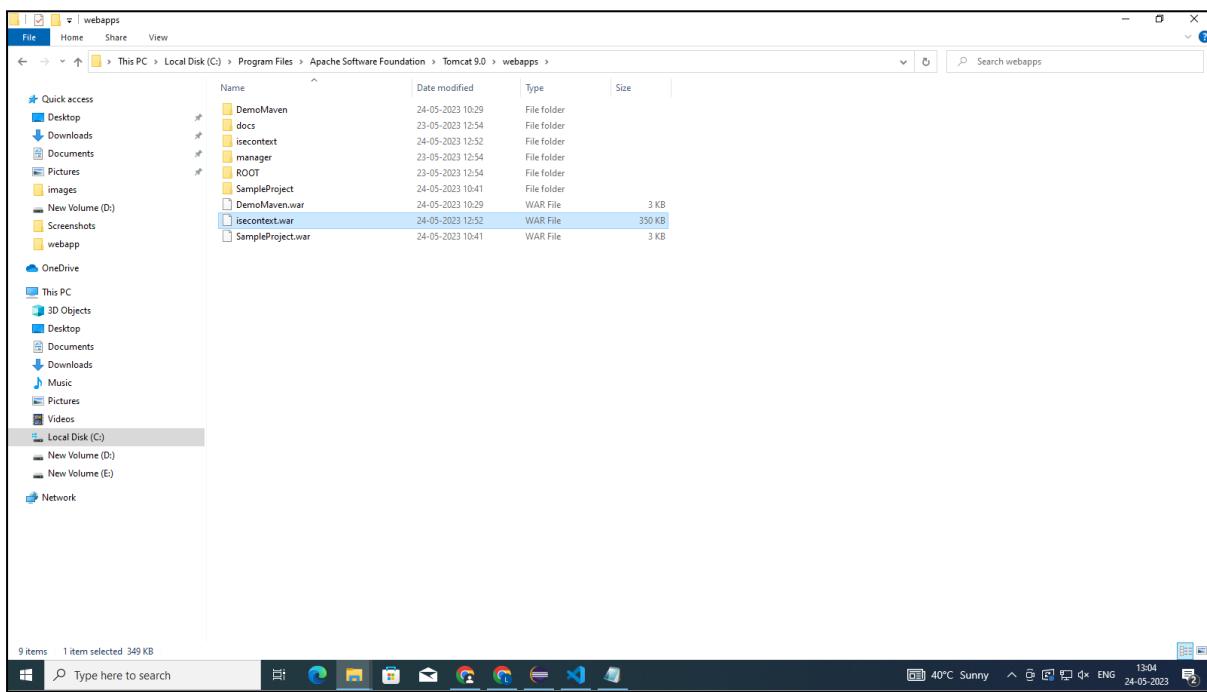
Type here to search 40°C Sunny 13:06 24-05-2023



Build Success :



After Build : War file generated



You are signed in | LavanyaSE/index | DOISE1 [Jenkins] | Apache Tomcat/9 | Restaurant | HTML Color Codes | Document | how to give color | +

localhost:8081/secontext/

Krishna Restro

Menu



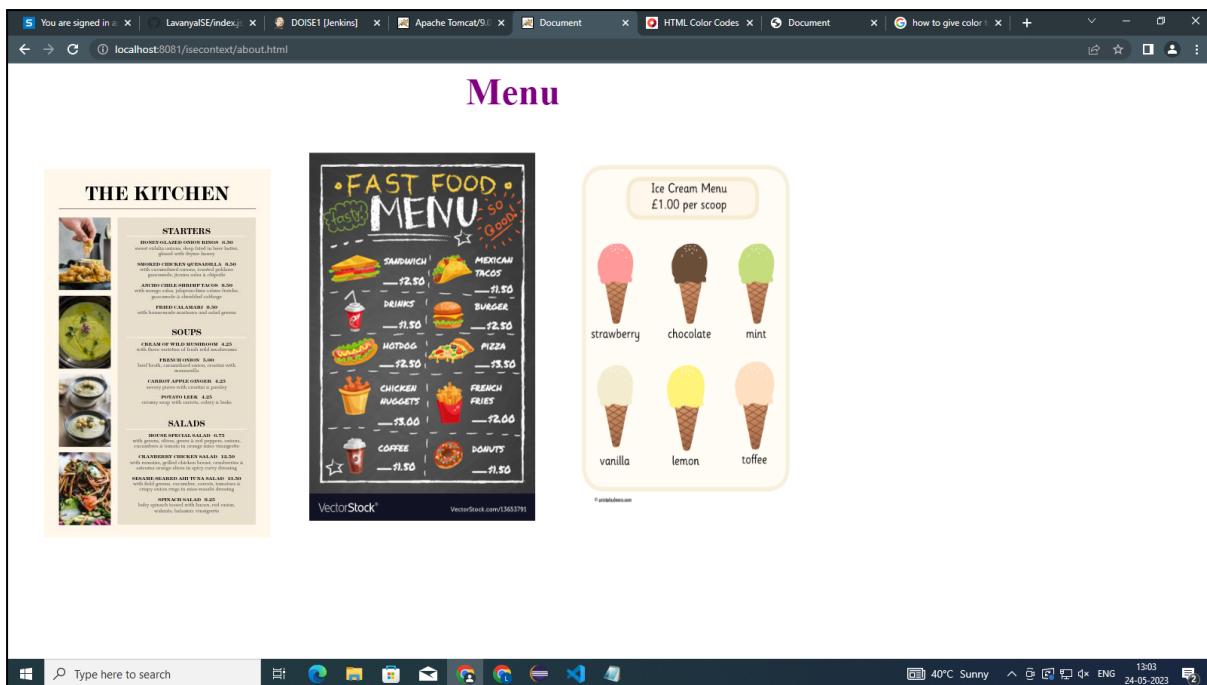
A restaurant is a business that prepares and serves food and drinks to customers.^[1] Meals are generally served and eaten on the premises, but many restaurants also offer take-out and food delivery services. Restaurants vary greatly in appearance and offerings, including a wide variety of cuisines and service models ranging from inexpensive fast-food restaurants and cafeterias to mid-priced family restaurants, to high-priced luxury establishments.

Type here to search 40°C Sunny 13:02 24-05-2023

localhost:8081/secontext/



A restaurant is a business that prepares and serves food and drinks to customers.^[1] Meals are generally served and eaten on the premises, but many restaurants also offer take-out and food delivery services. Restaurants vary greatly in appearance and offerings, including a wide variety of cuisines and service models ranging from inexpensive fast-food restaurants and cafeterias to mid-priced family restaurants, to high-priced luxury establishments.



Windows Type here to search 40°C Sunny 13:03
24-05-2023 ENG