



MINIPROJECT-1

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Branch: MCA (CC & DEVOPS) Section/Group: 23MCD-1/A

Semester: 3rd semester Date of Performance:24/10/2024

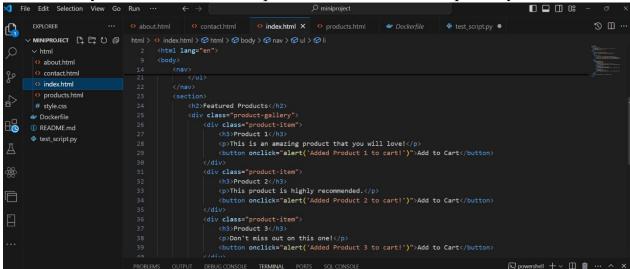
Subject Name: Devops Process Automation Subject Code: 23CAH-731

1.Aim/Overview of the practical:

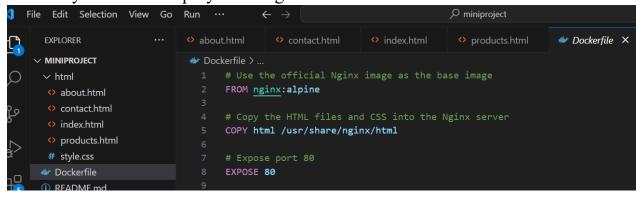
• Build and Deploy an E-commerce website Through a Jenkins pipeline.

2.Step for the Practical:

• Firstly, create a website and push it into the GitHub repository.



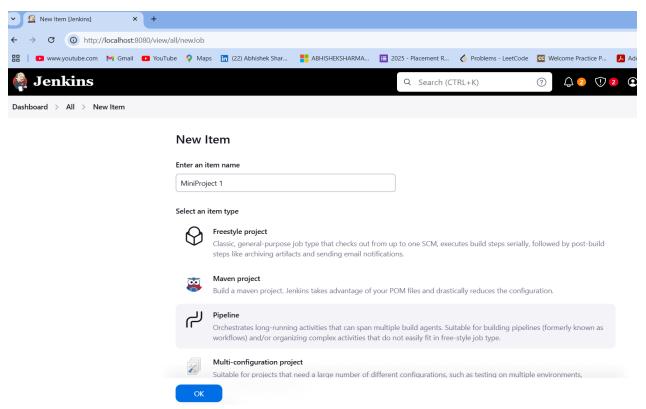
- Similarly create a multiple page for the website.
- If you want to deploy it through the Docker then create a Docker file as well.



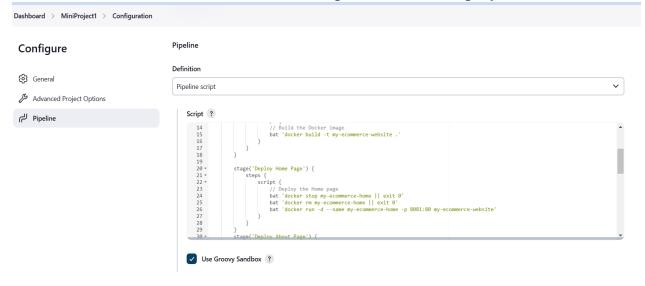




- Now open the github and copy the URL of the repository to use in Jenkins CI/CD pipeline for the Automated process.
- Open the Jenkins through localhost and create a pipeline project



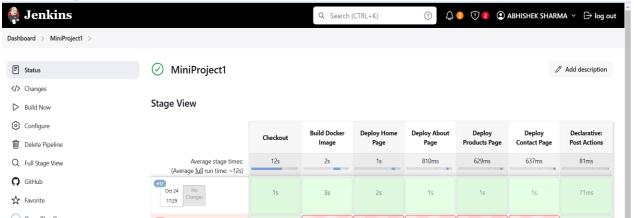
- After that add description about the project and in the github section add repository URL.
- Now below sections add Jenkins script to build and deploy.





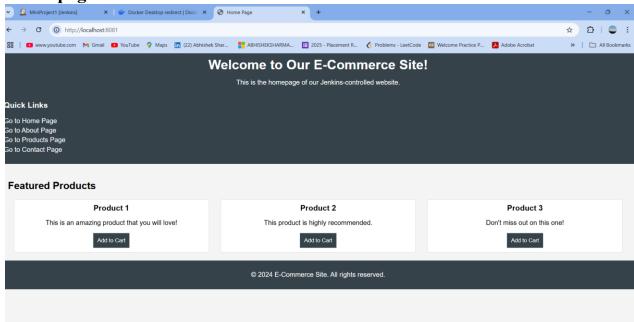


 Save and build now the project or in the stage view section we can see the output.



• Now open the browser URL, write localhost and port number and see the output that my E- commerce website is running or not.

Home page

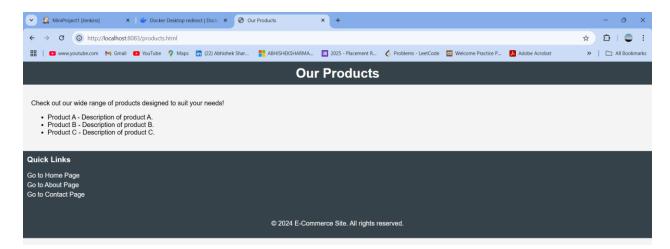


- if I click on the product page in the quick section, then product webpage will open.
- Similarly in the quick section, we can open other pages and came back to previous pages.

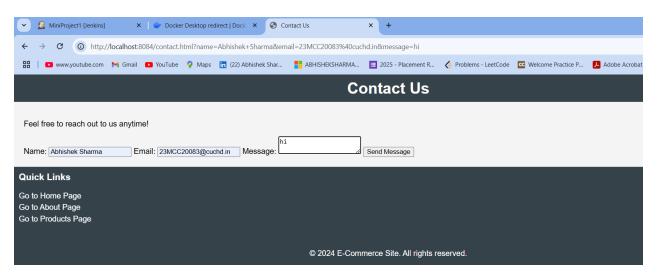




Product page



Contact page



6. Repository Link: https://github.com/abhishek0083/DevopsMiniProject1

3.Learning Outcomes (What I have learned)

I Learned to: -

• How to build and deploy the ecommerce website using a Jenkins pipeline.