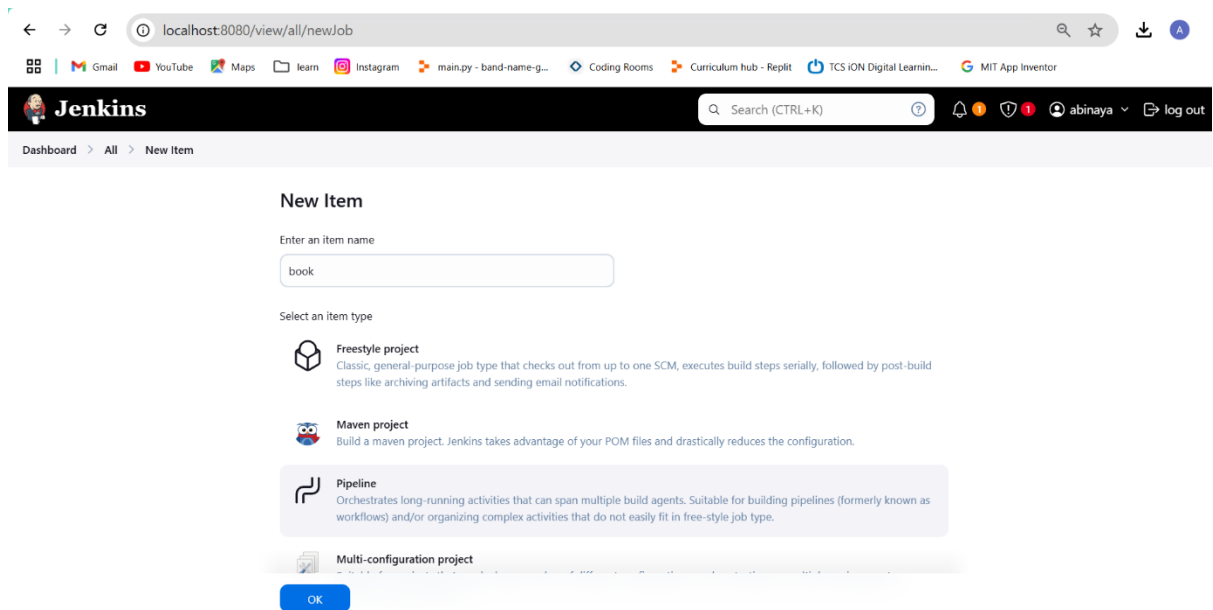Name:Abinaya B T

Roll no : 22ISR001

Jenkins Pipeline for Software Automation

A Jenkins Pipeline automates the building, testing, and deployment process, ensuring a streamlined software development workflow.
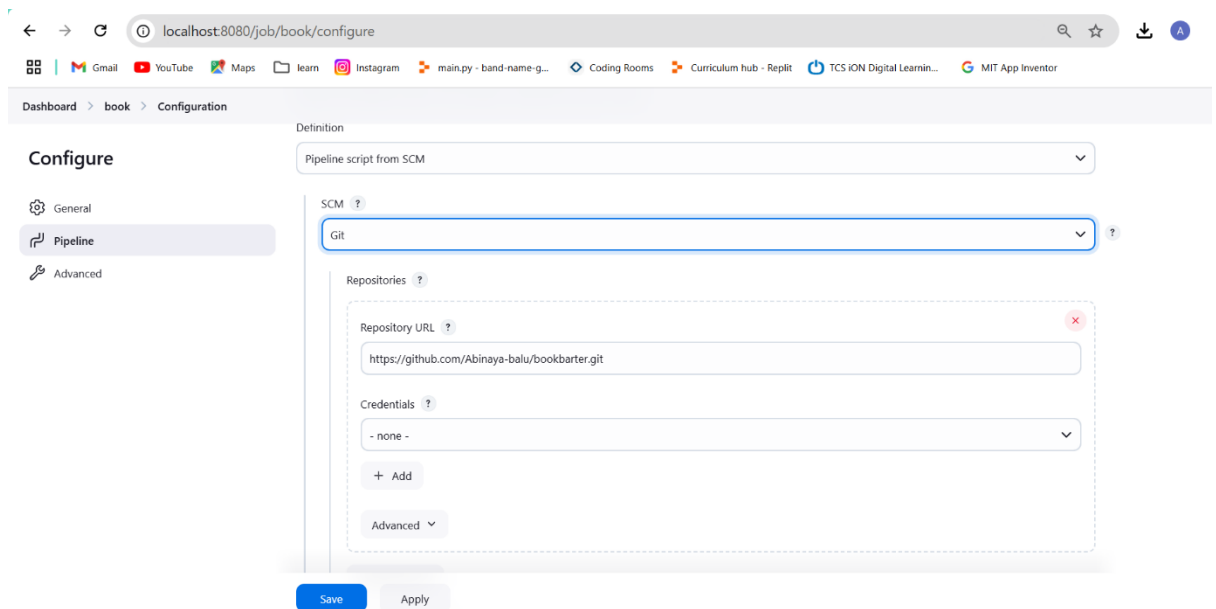
Step 1: Creating Pipeline Project in Jenkins.

- Click "New Item" on the dashboard.
- Enter a suitable name for the pipeline.
- Select "Pipeline" as the project type.
- Click "OK" to continue.

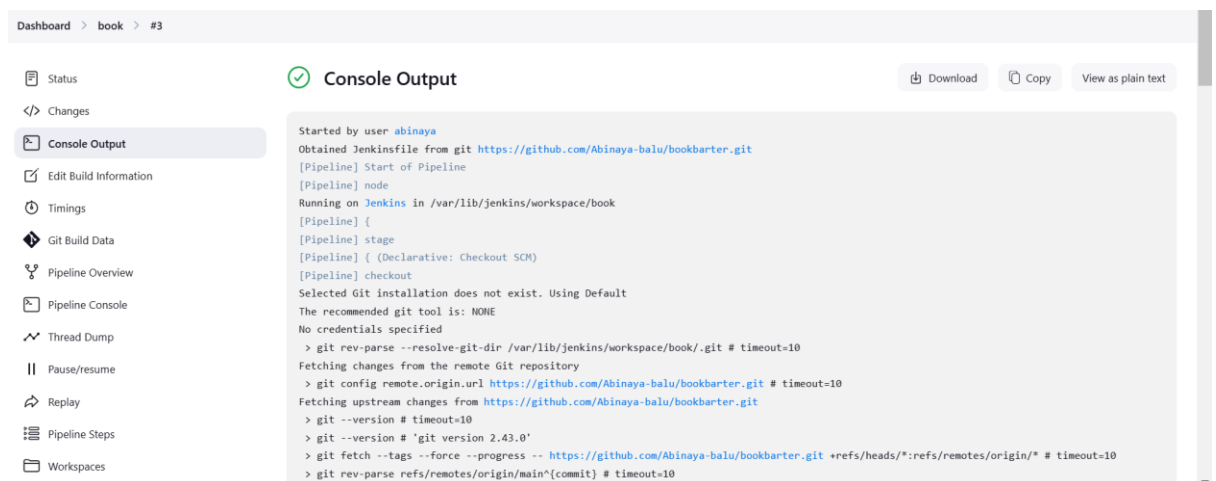**Step 2:** Specify the Pipeline Script

- Define build triggers under the Build Triggers section
- Choose "Pipeline script from SCM" under the Pipeline Definition section.
- Select "Git" as the version control system.
- Enter the repository URL containing the pipeline script.
- Set the script path as Jenkinsfile.

Step 3: Save and Run the Pipeline

- Click "Save" to store the pipeline configuration.
- Click "Build Now" to initiate the pipeline execution.
- Monitor the progress in the Build History section.

Step 4: View Output

Dockerhub:

http://localhost:8000/

Book Barter System

List Your Book for Exchange

Enter book name

Enter your contact info

List Book

Available Books for Exchange

Gmail   YouTube   Maps   learn   Instagram   main.py - band-name-g...   Coding Rooms   Curriculum hub - Replit   TCS iON Digital Learnin...   MIT App Inventor

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