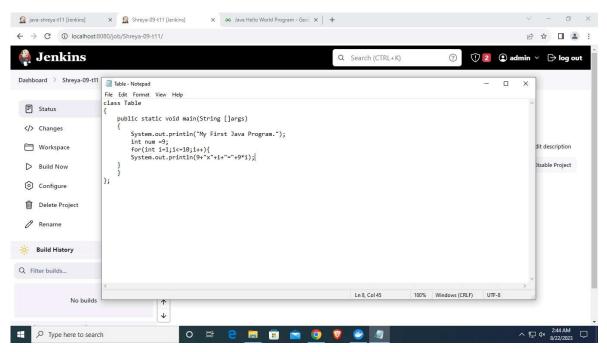
## **LAB ASSIGNMENT NO-05**

Aim: To build Java program using Jenkins.

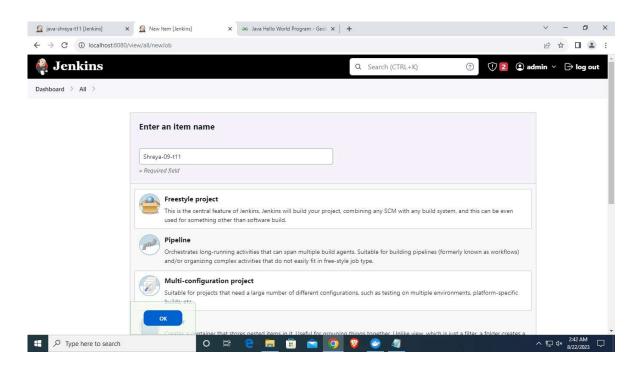
# **Theory:**

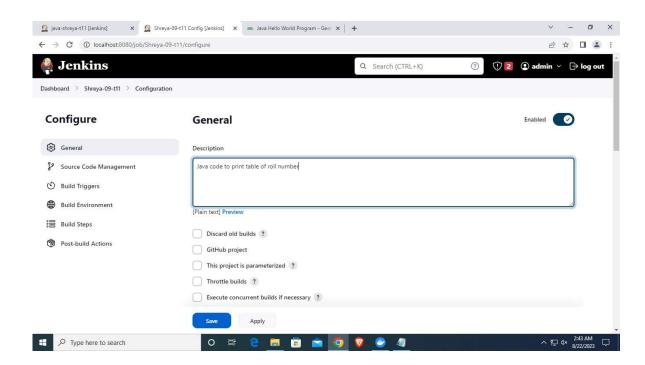
Jenkins is an open-source automation server. With Jenkins, organizations can accelerate the software development process by automating it. Jenkins manages and controls software delivery processes throughout the entire lifecycle, including build, document, test, package, stage, deployment, static code analysis and much more.

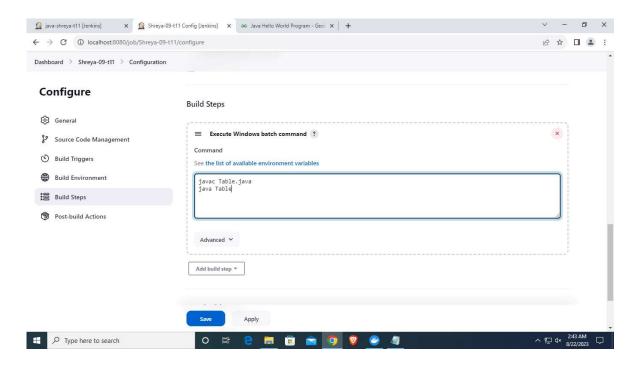
1. Create java Program:

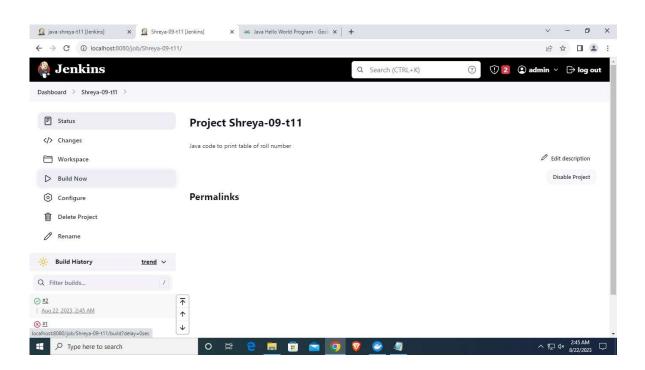


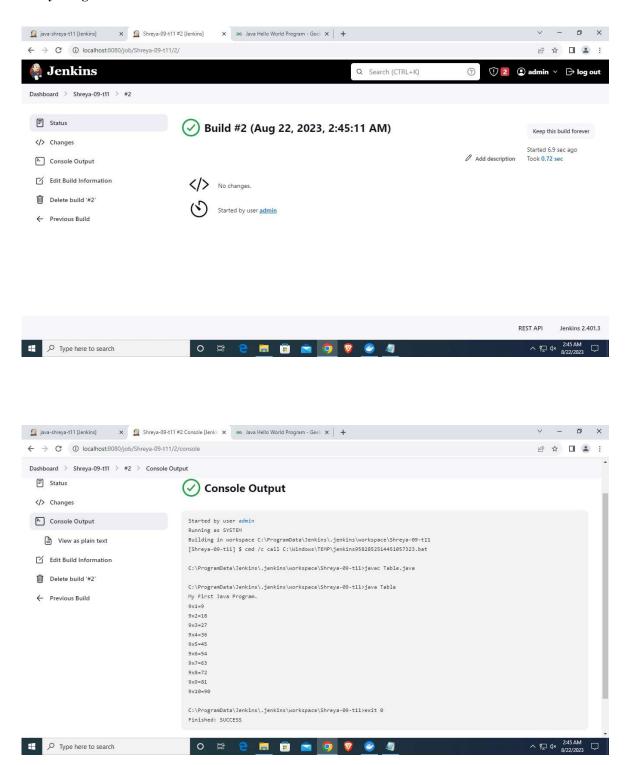
2. Create Jenkins job to run the program:

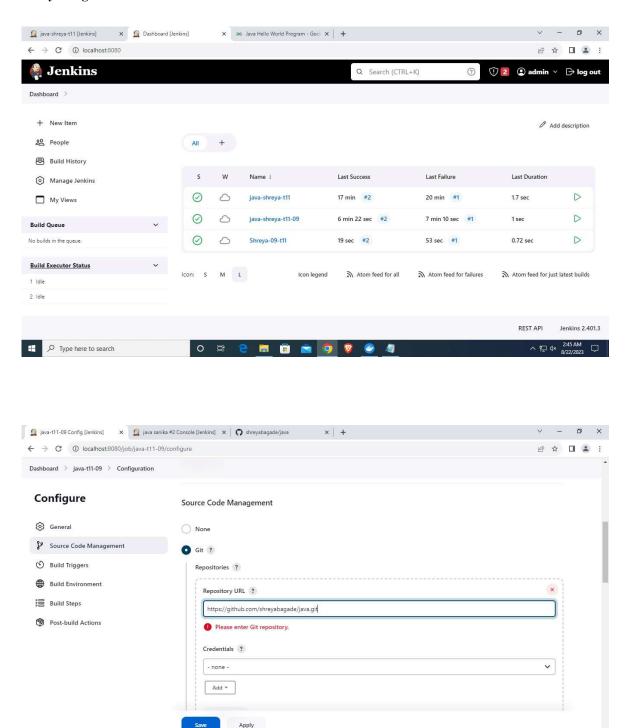






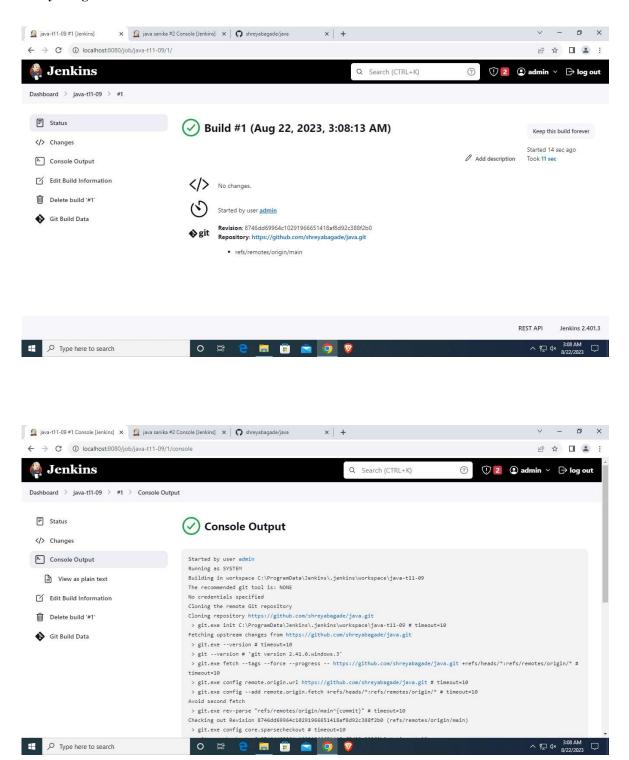


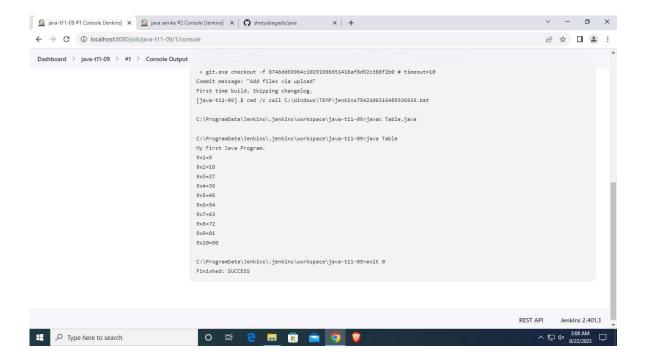




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**Conclusion**: In this experiment We had executed java project on Jenkins.

<u>Lab Outcome:</u> LO1-To understand the fundamentals of DevOps engineering and be fully proficient with DevOps terminologies, concepts, benefits, and deployment options to meet your business requirements.

**LO3-**To understand the importance of Jenkins to Build and deploy Software Applications on server environment.