

Department of Information Technology

Academic Year: 2025-26 Name of Student: Shravani Sawant

Semester: V Student ID: 24204018

Class / Branch: TEIT/Div C

Subject: DevOps Lab

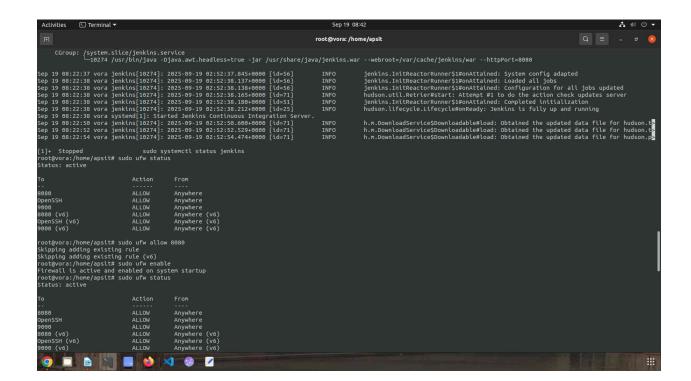
Date of Performance: 19/09/25

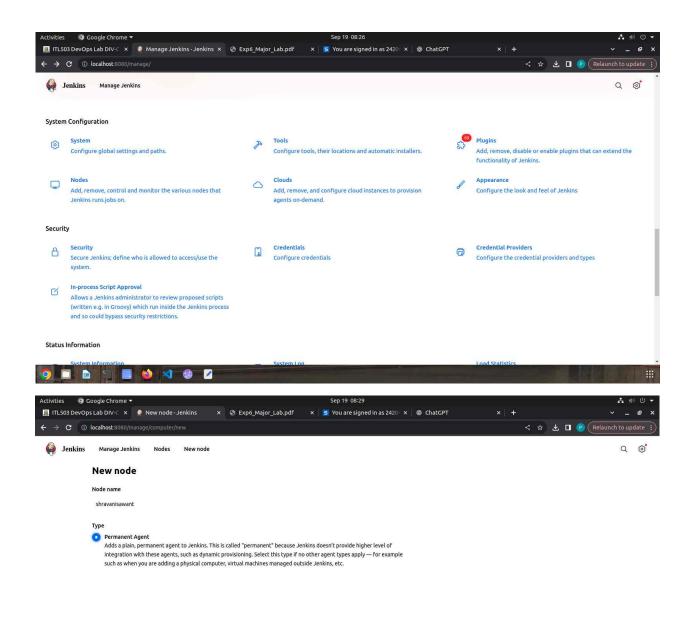
Date of Submission: 19/09/25

Name of Instructor: Prof. Sujata Oak

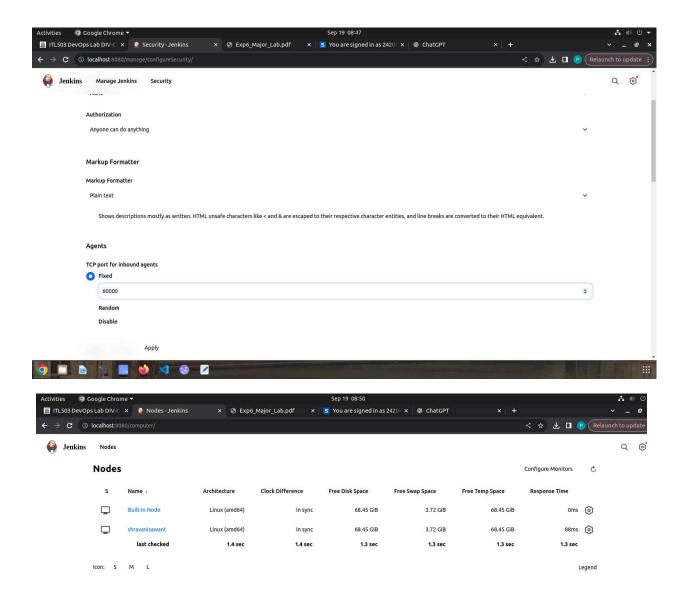
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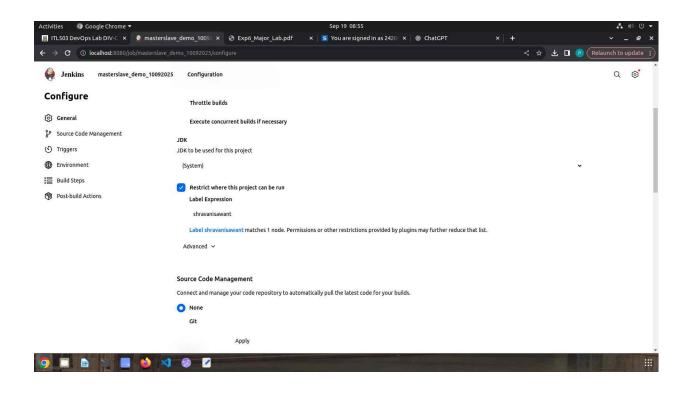
Aim: To implement Jenkins Master-Slave Architecture with Scaling

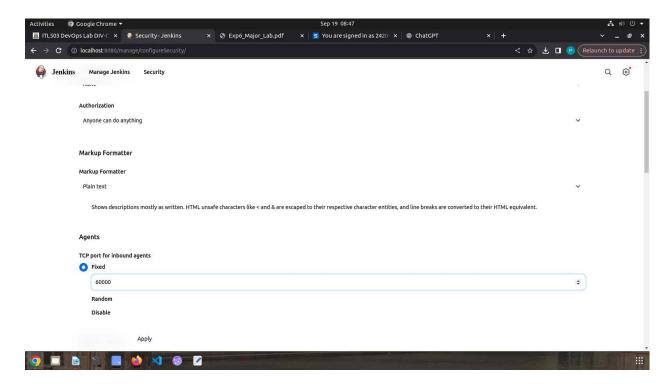


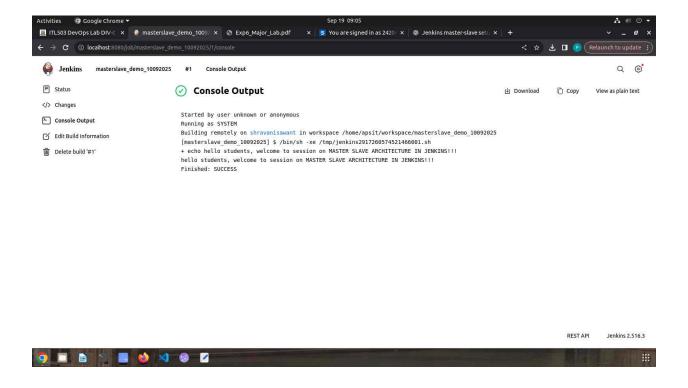


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CONCLUSION:

Jenkins Master-Slave (Controller-Agent) architecture allows scalable, parallel, and environment-specific builds. It is essential for real-world CI/CD pipelines where multiple teams and platforms are involved.