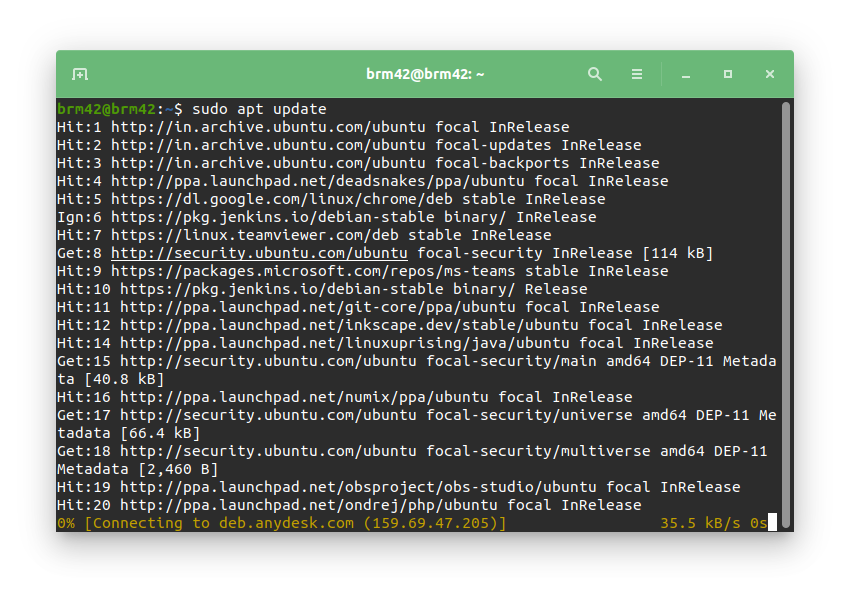
**DevOps | Assignment – 2**

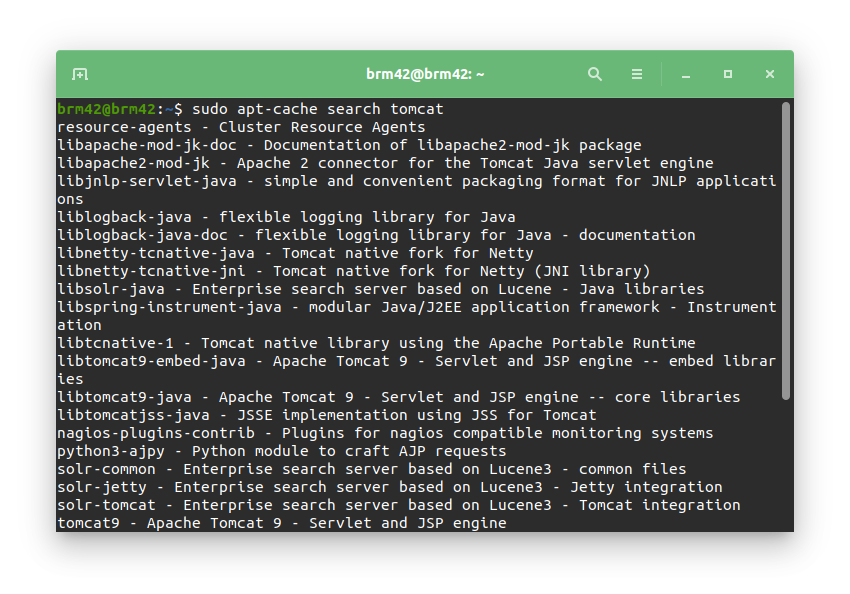
**Bhavya Mistry| Roll No – 33**

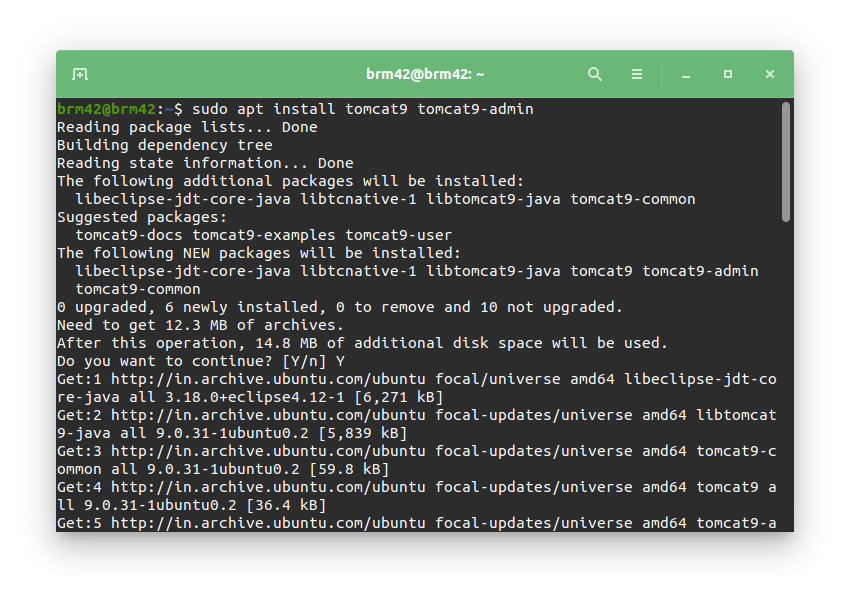
ABC person plans to build a completely automated job to reduce the manual effort of deployment which gets triggered when a branch in the SCM is merged to master and the WAR file generated is deployed to the Tomcat web server automatically.

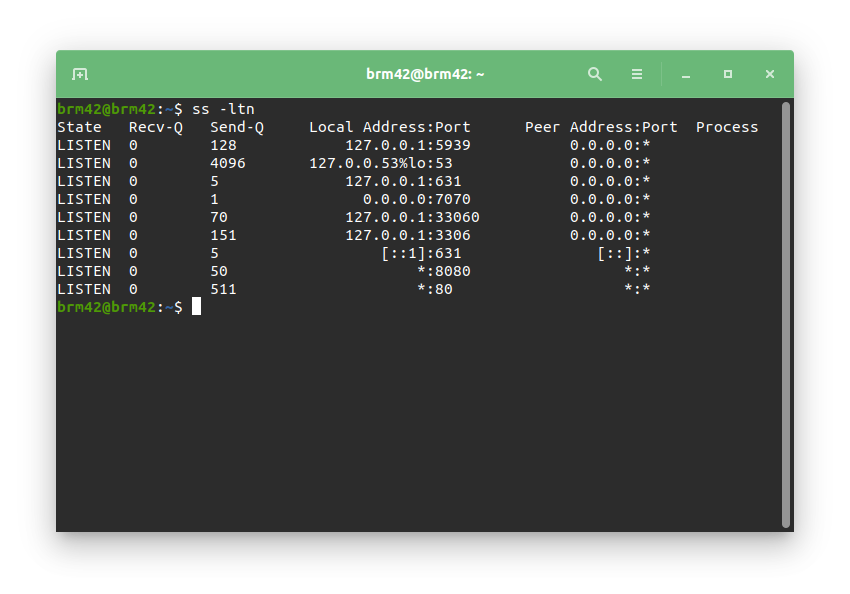
**Aim:** Build and Deploy war file of maven on tomcat server using Jenkins

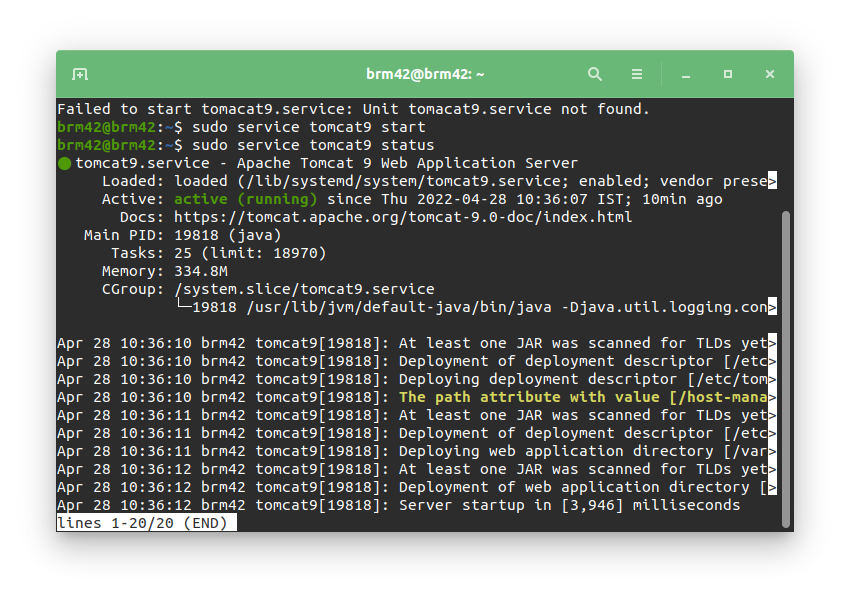
**Procedure:**

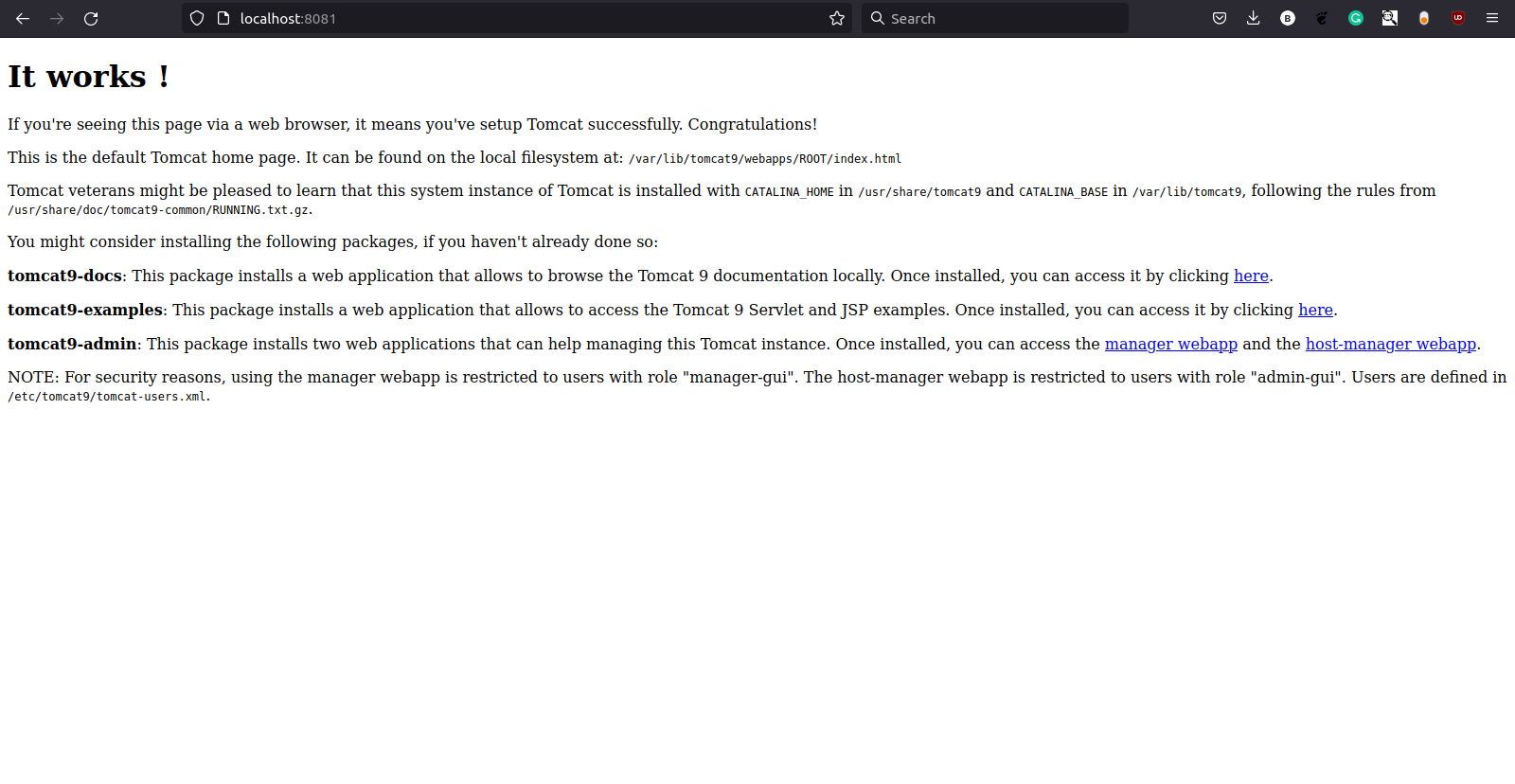
**Step 1:** Installing and Configuring Tomcat  






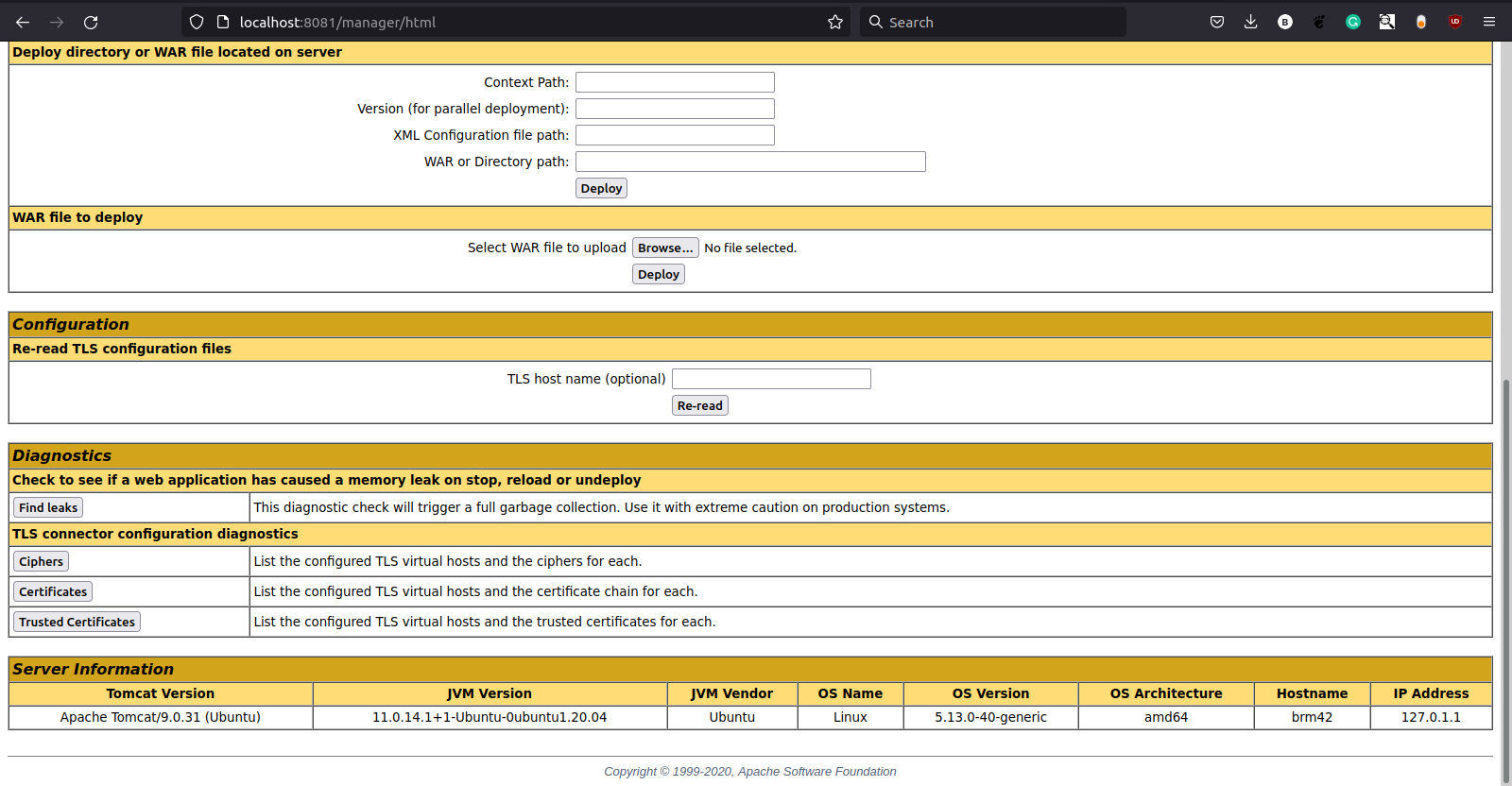


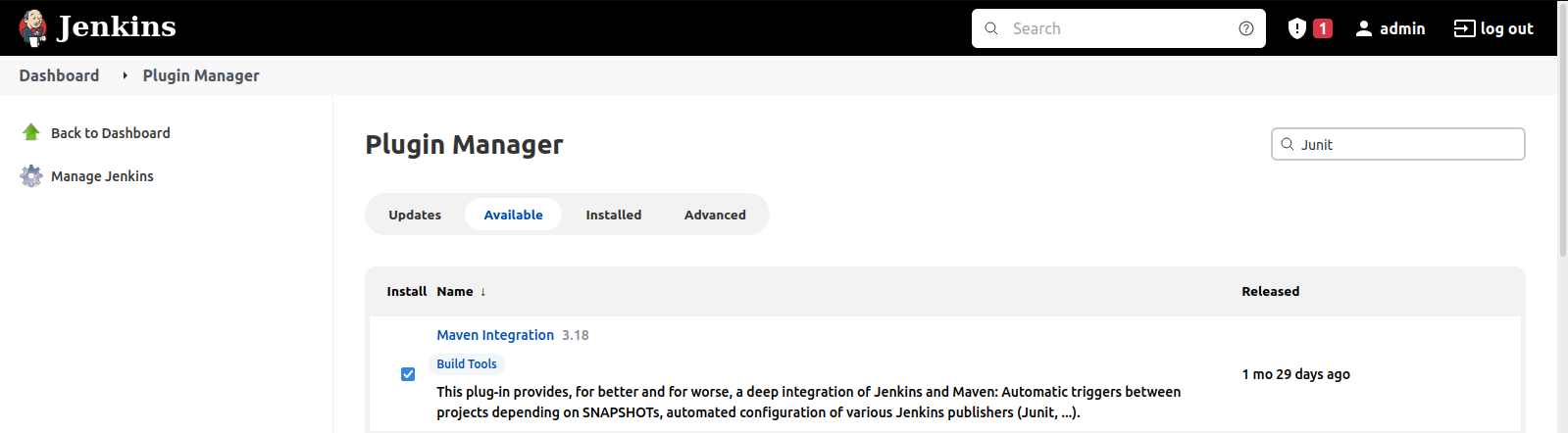




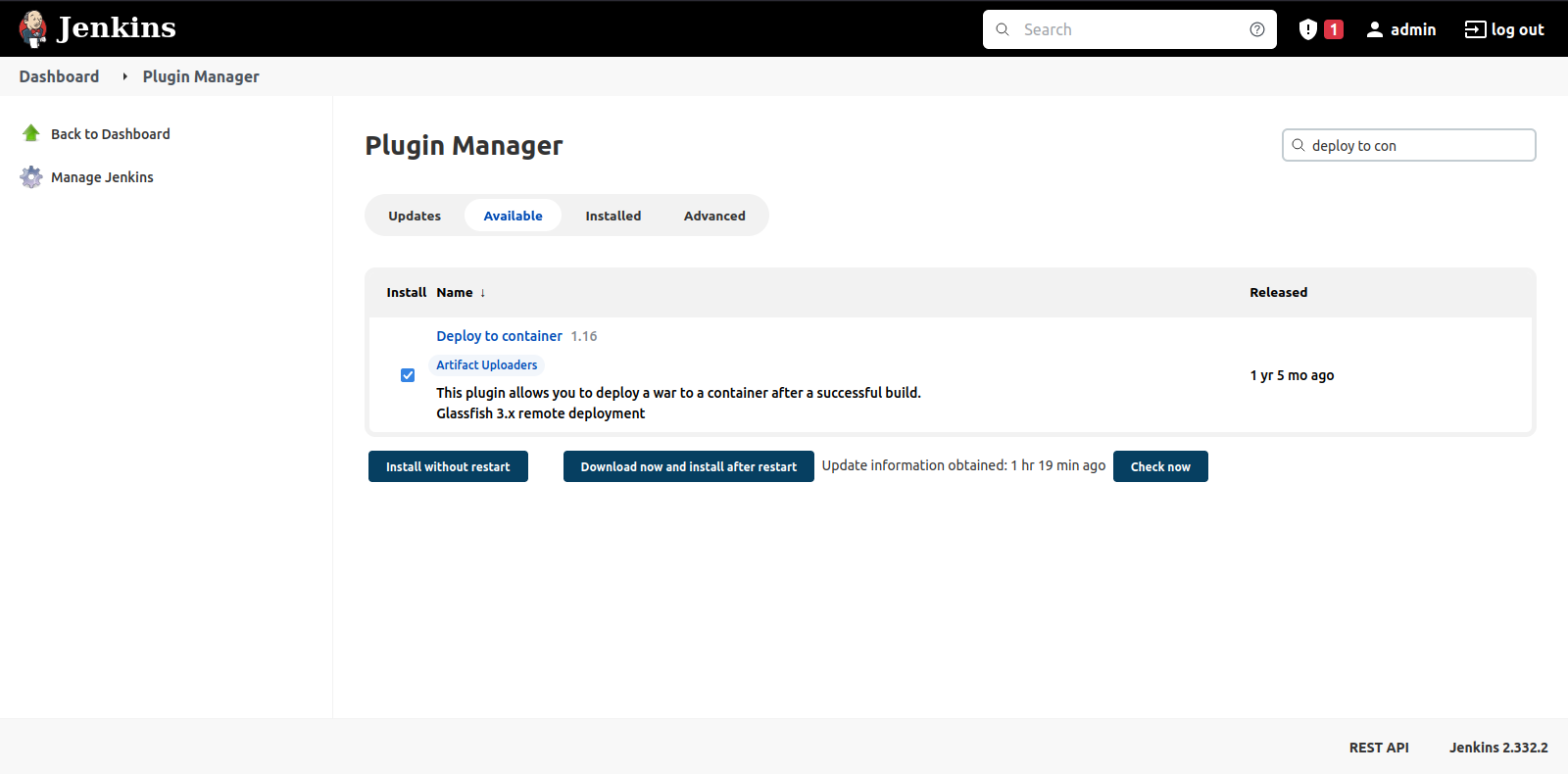
Step 2:



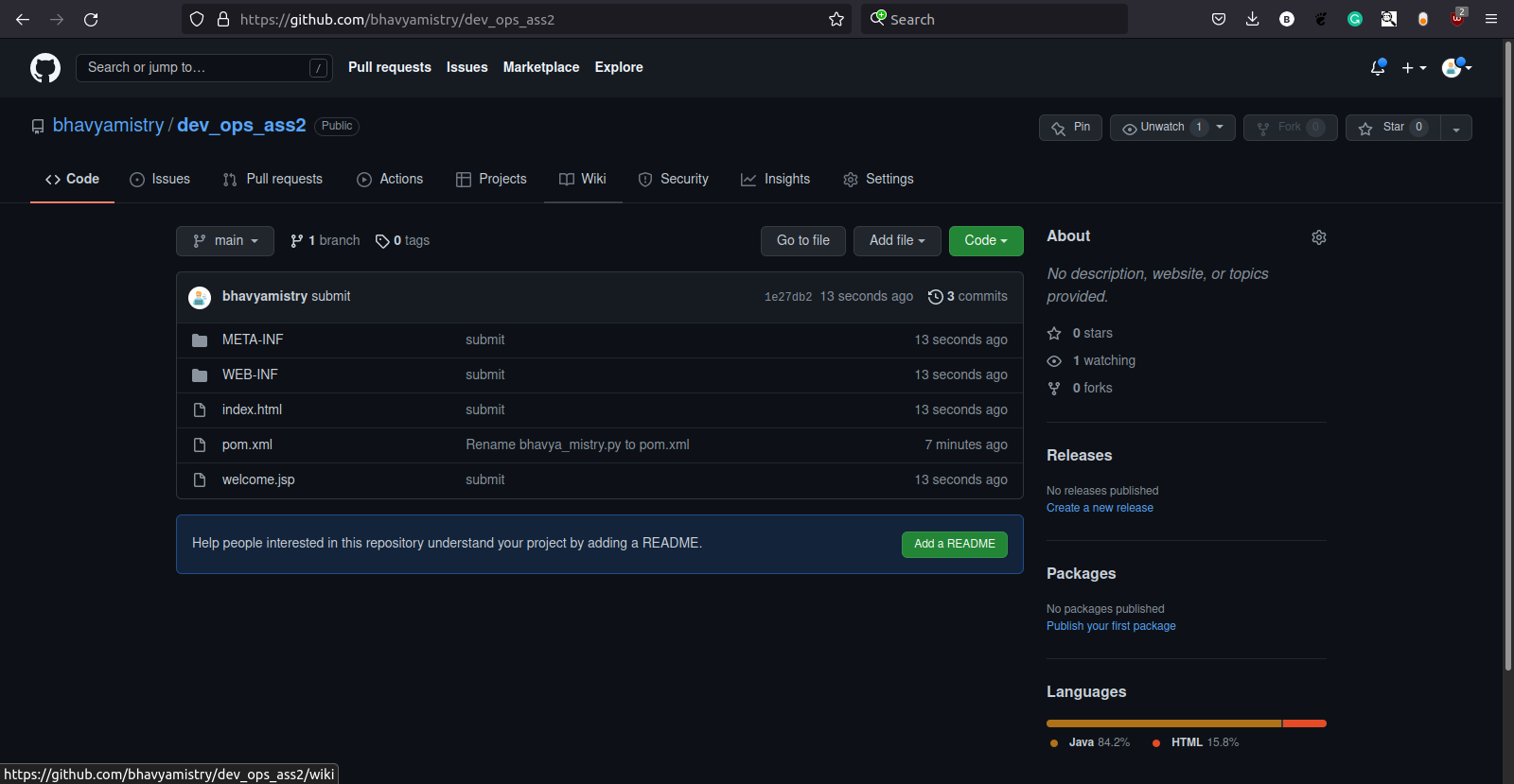




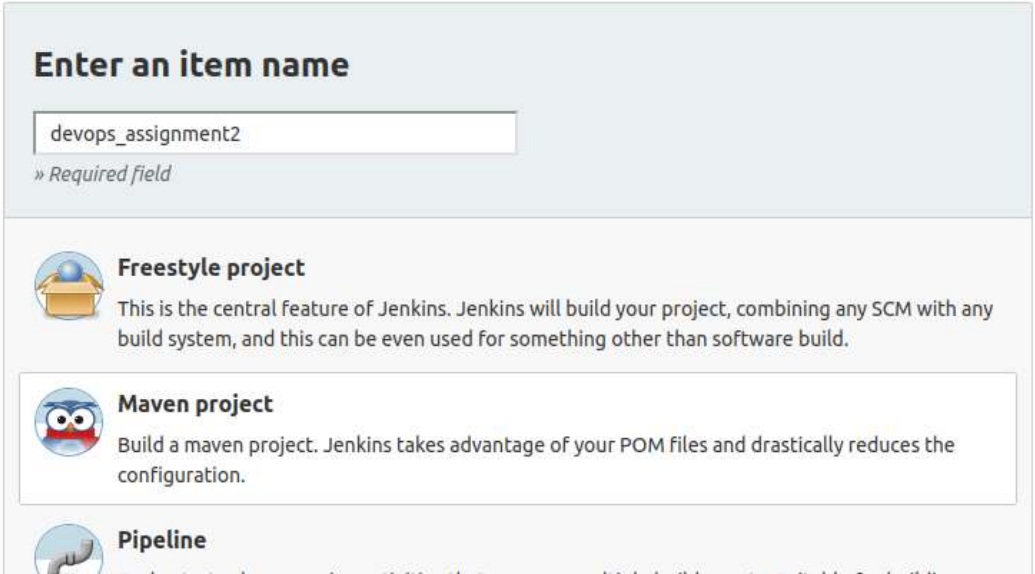
1. Installing “Deploy to container” plugin



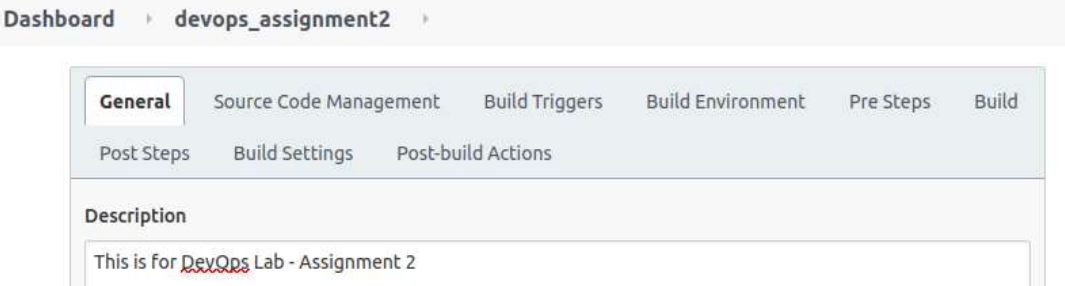
1. Pushing maven Project codes into GitHub

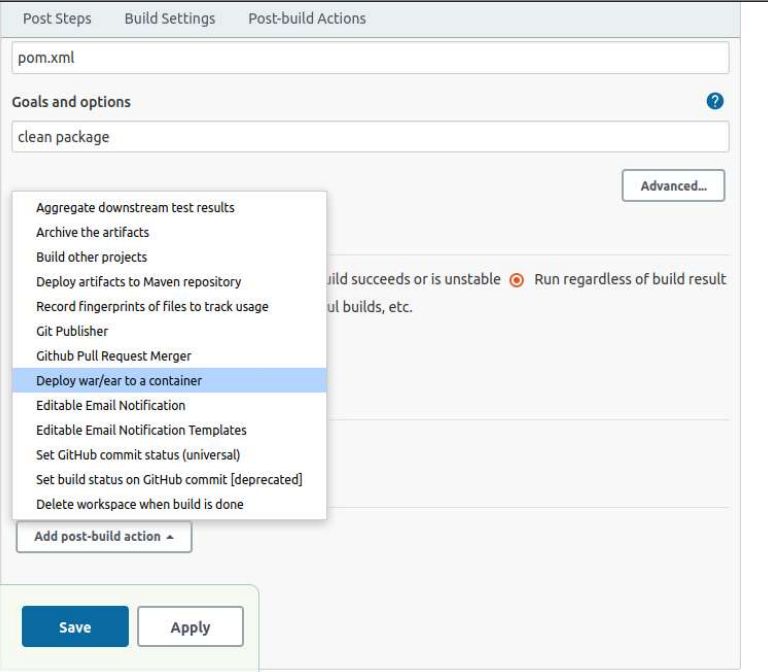


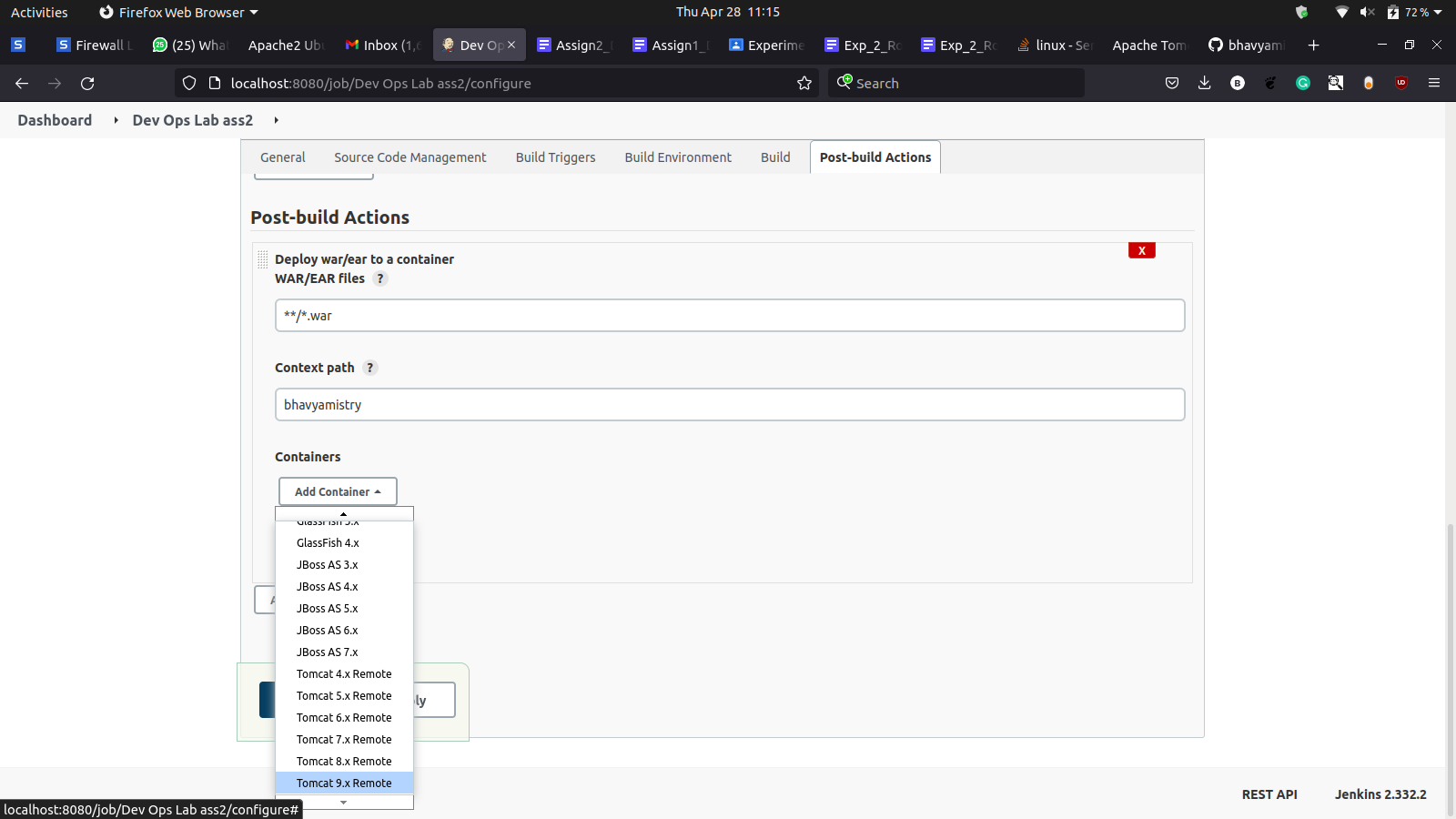
1. Creating new maven project on Jenkins

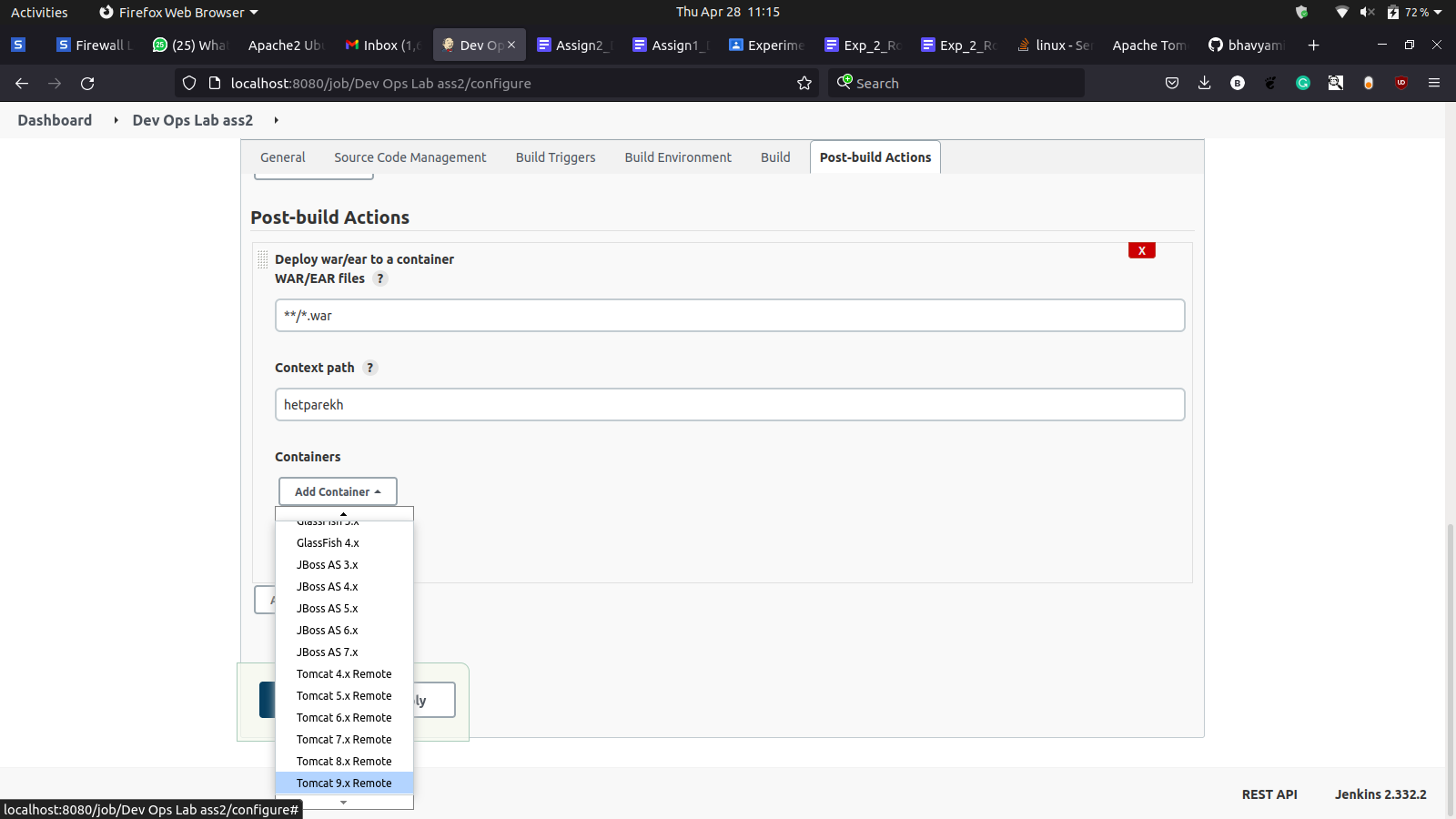


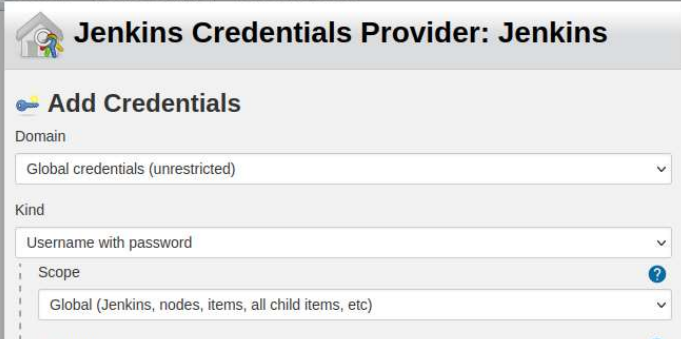
1. Configuring the project

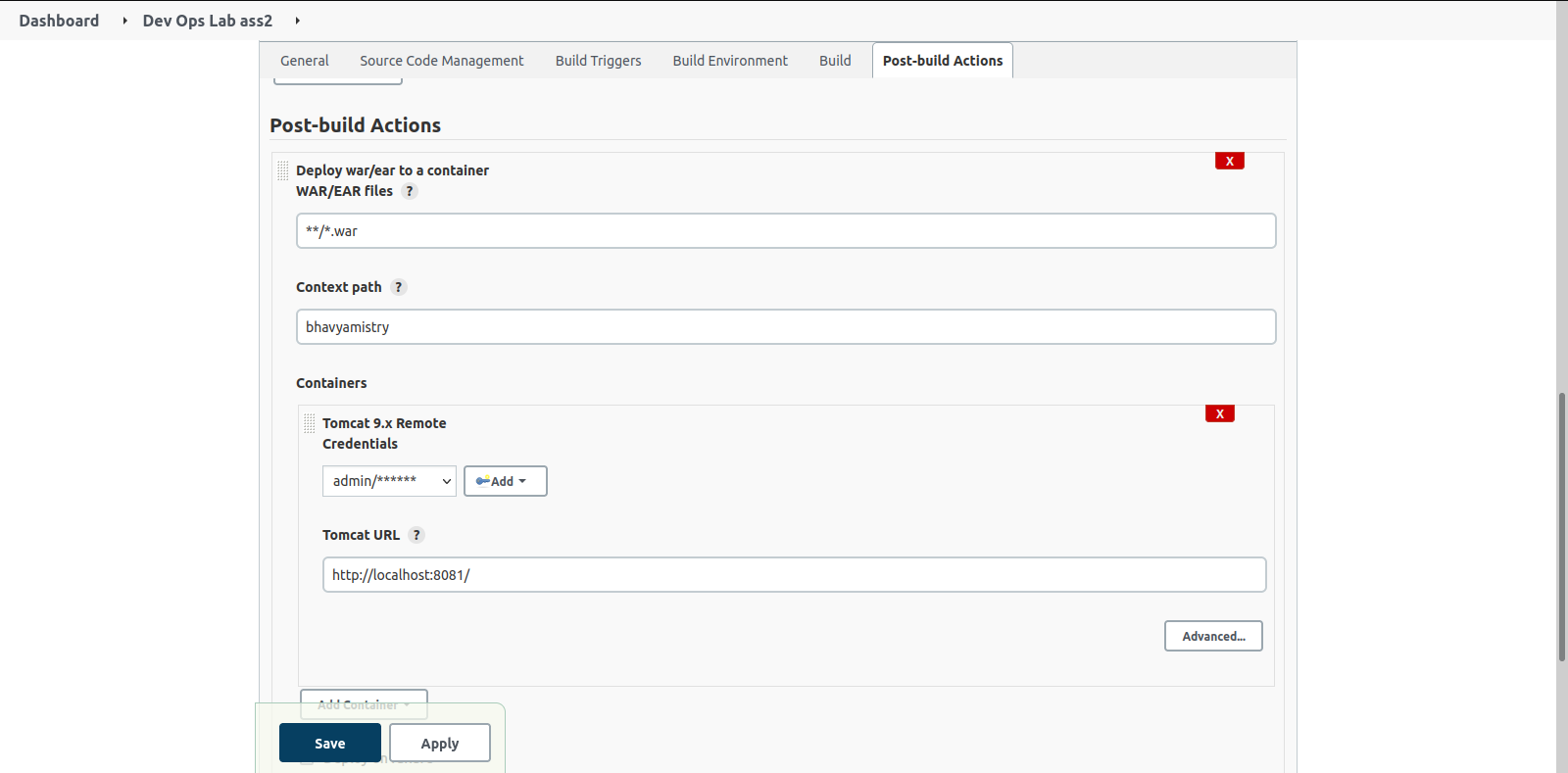




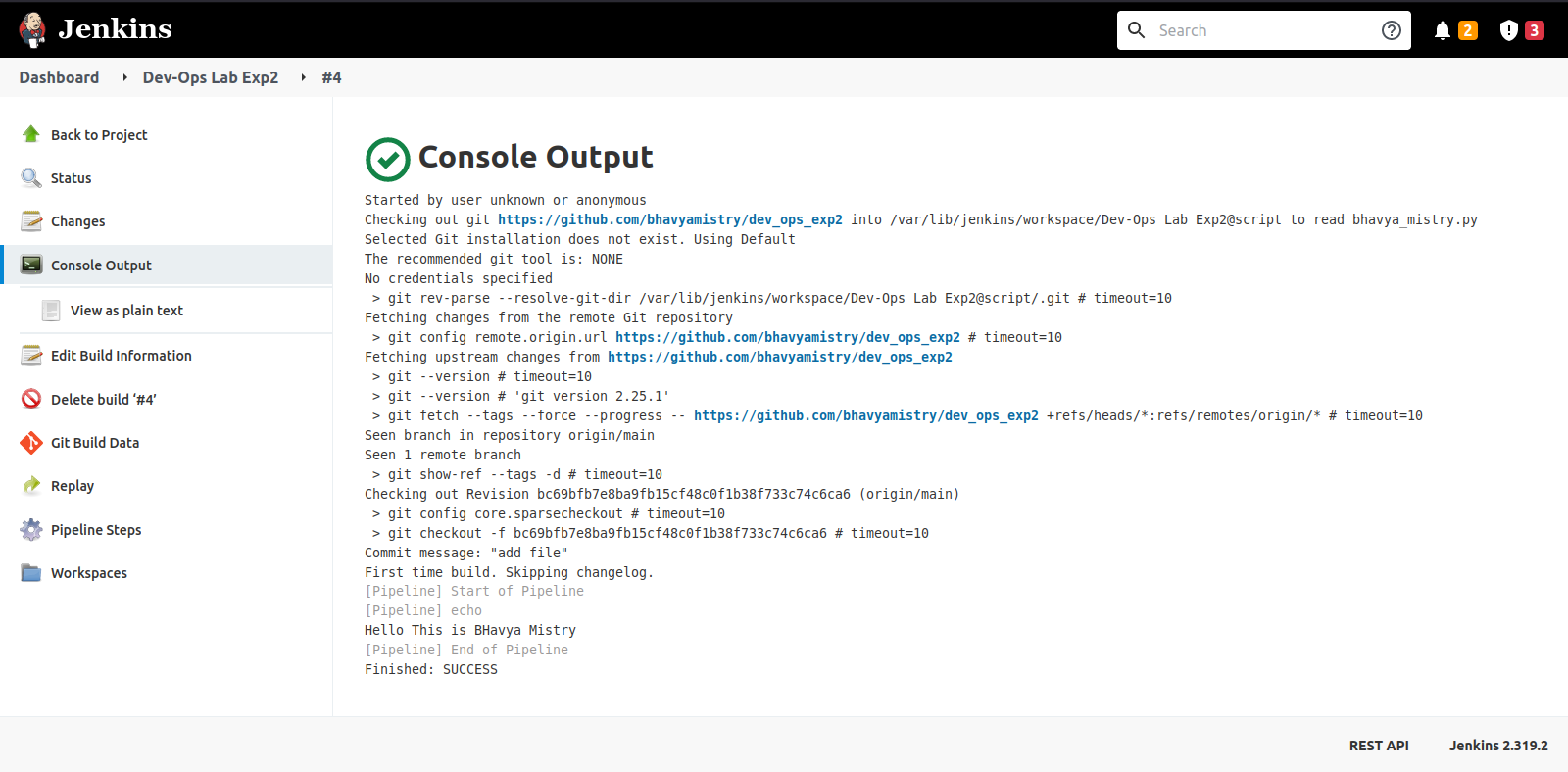








1. Building the Project

****





**Conclusion:**

Jenkins was configured to fetch code from GitHub repository, build and deploy the war file of a maven project to the tomcat server. This facilitates the continuous integration and continuous deployment of maven projects and reduces the manual work of the developers.