

ASSIGNMENT-2

Course: DevOps

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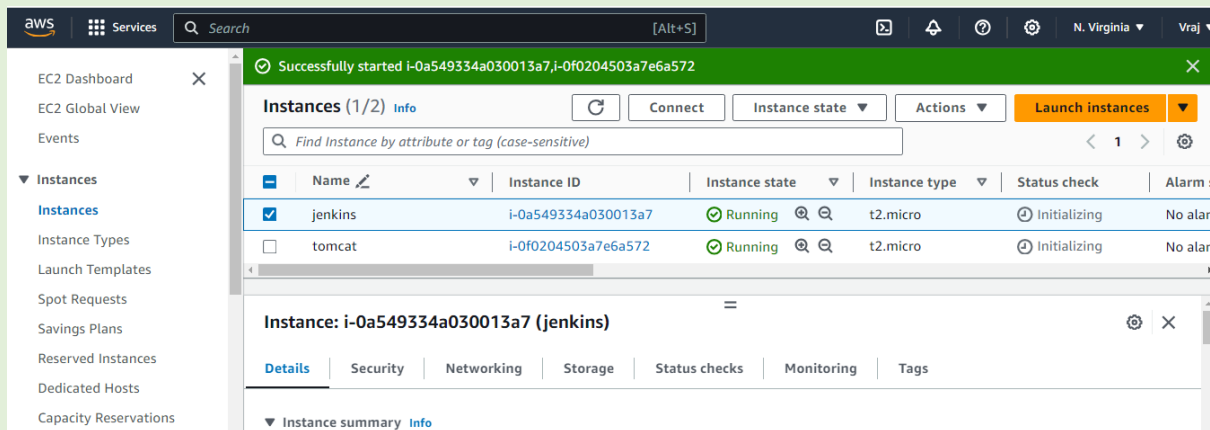
Trainer Name: Mr. Madhukar Reddy

Date: 08-11-23

Topic: BY below URL Please deploy application in tomcat

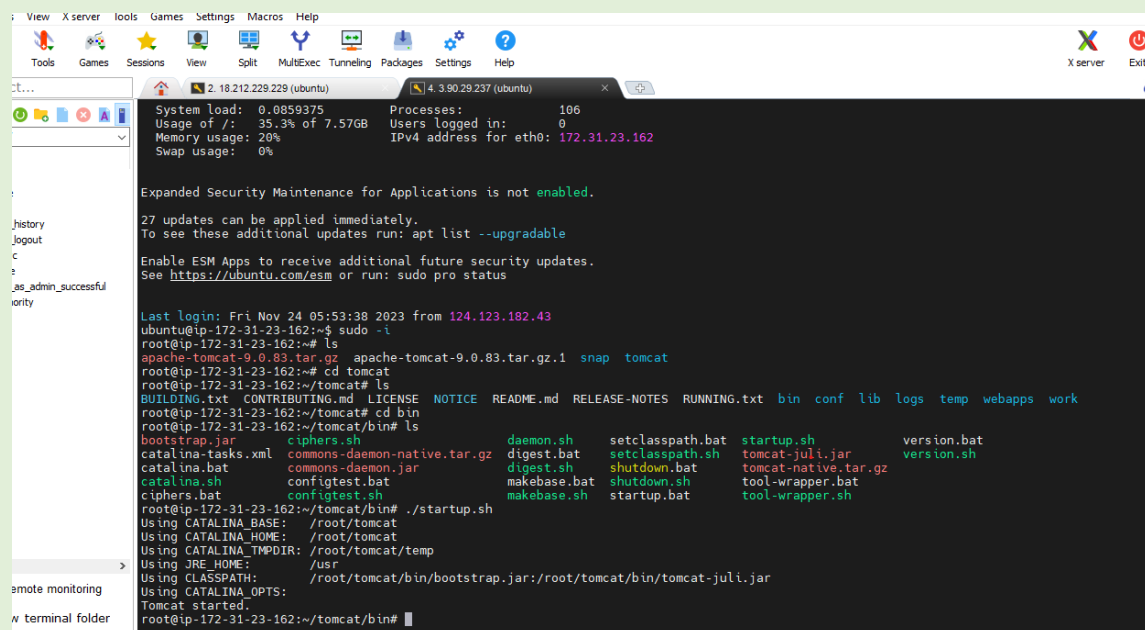
<https://github.com/Venna12/dockerjenkin.git>

AWS:



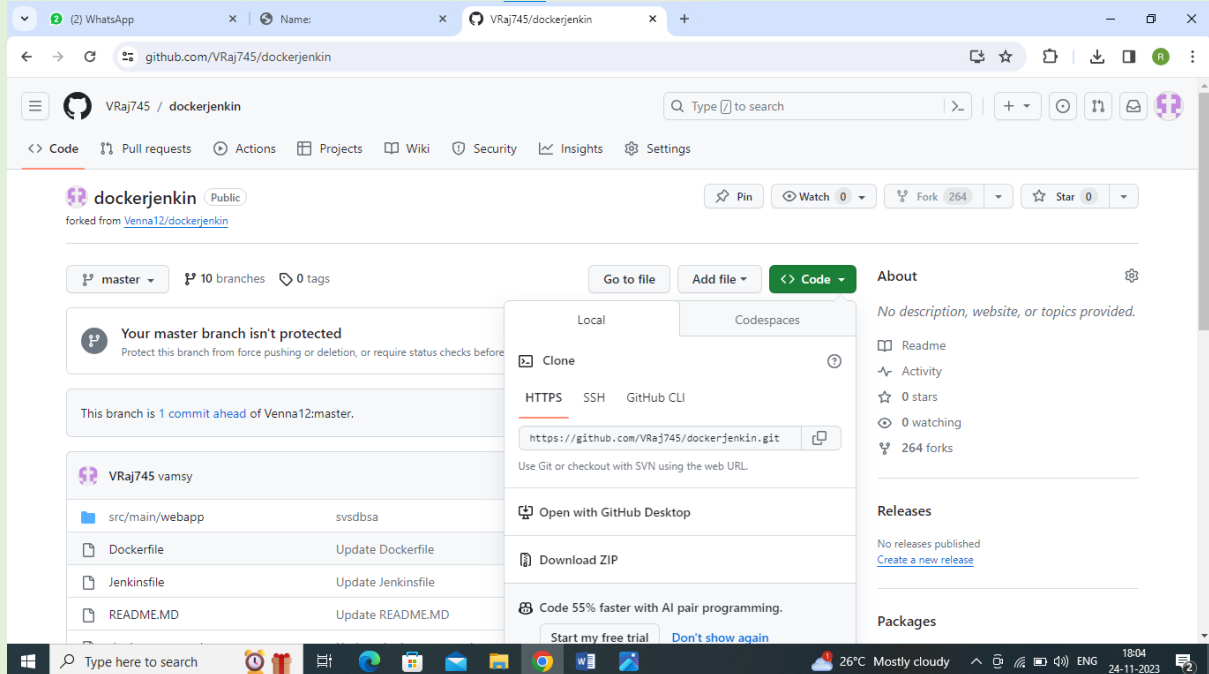
By using the AWS EC2, two instances are created as Jenkins and tomcat. Where the Jenkins instance is used to create JENKINS and Tomcat instance is used to create tomcat server.

SERVER CONECTIONS:



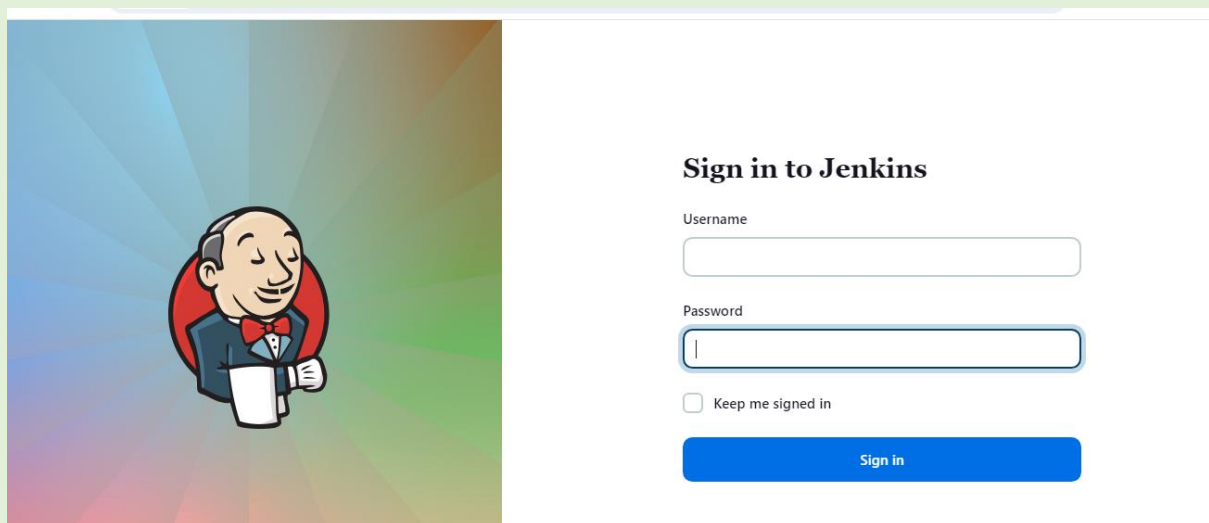
Above fig shows that the connections of instances in mobaxterm, which is used to install the jenkins, tomcat and required packages and more.

GITHUB:

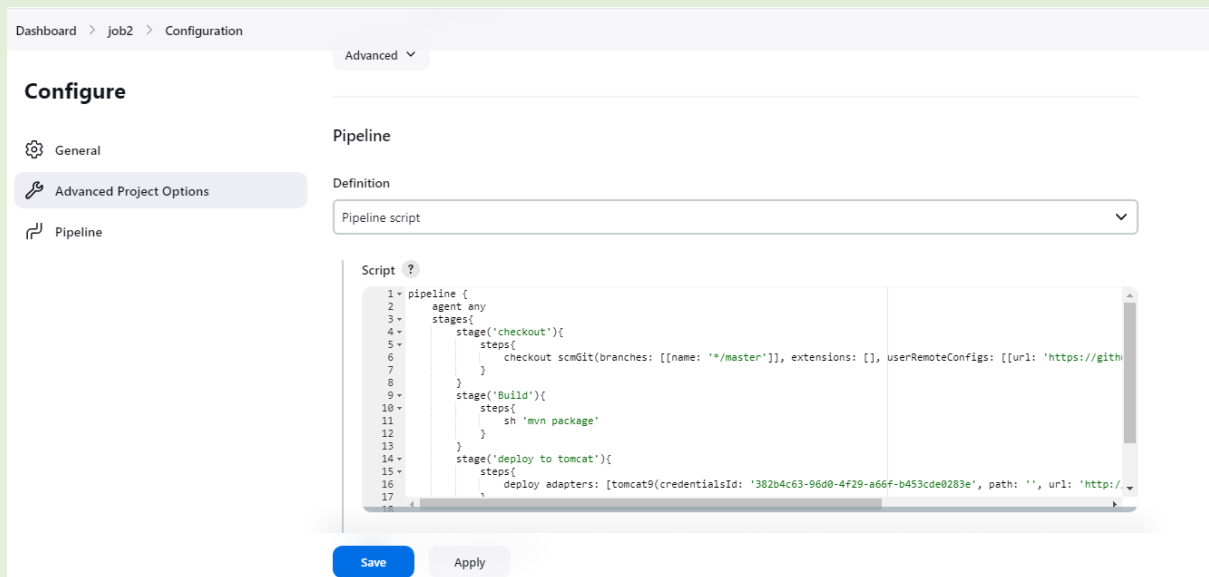


Above fig shows that the git repository that which is used to deploy the webapp in the tomcat server. It is forked by the <https://github.com/Venna12/dockerjenkin.git>.

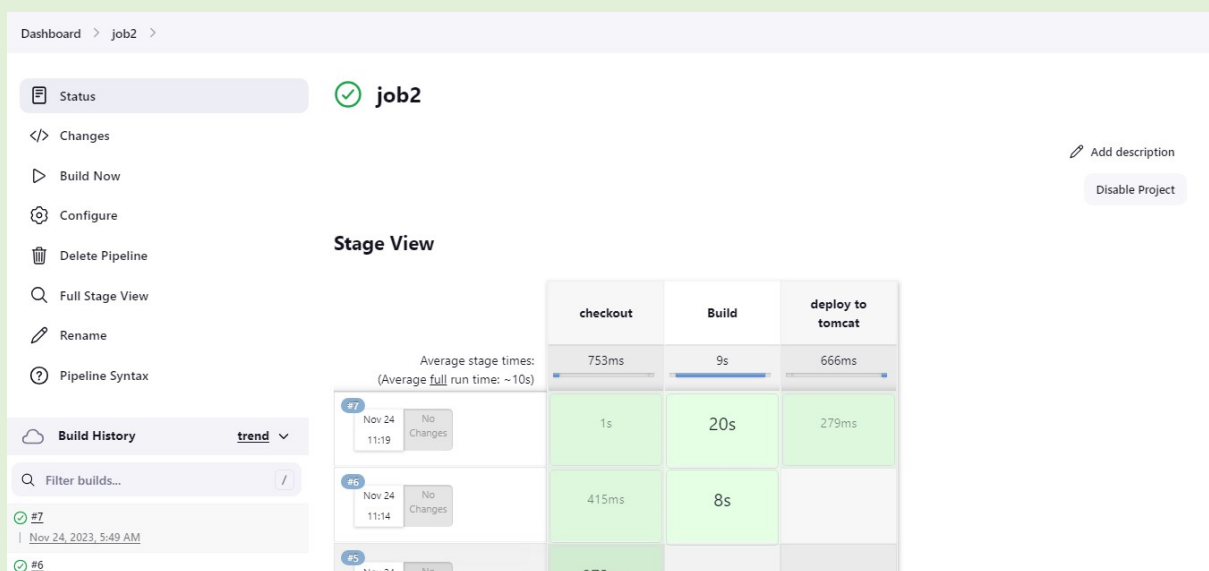
JENKINS:



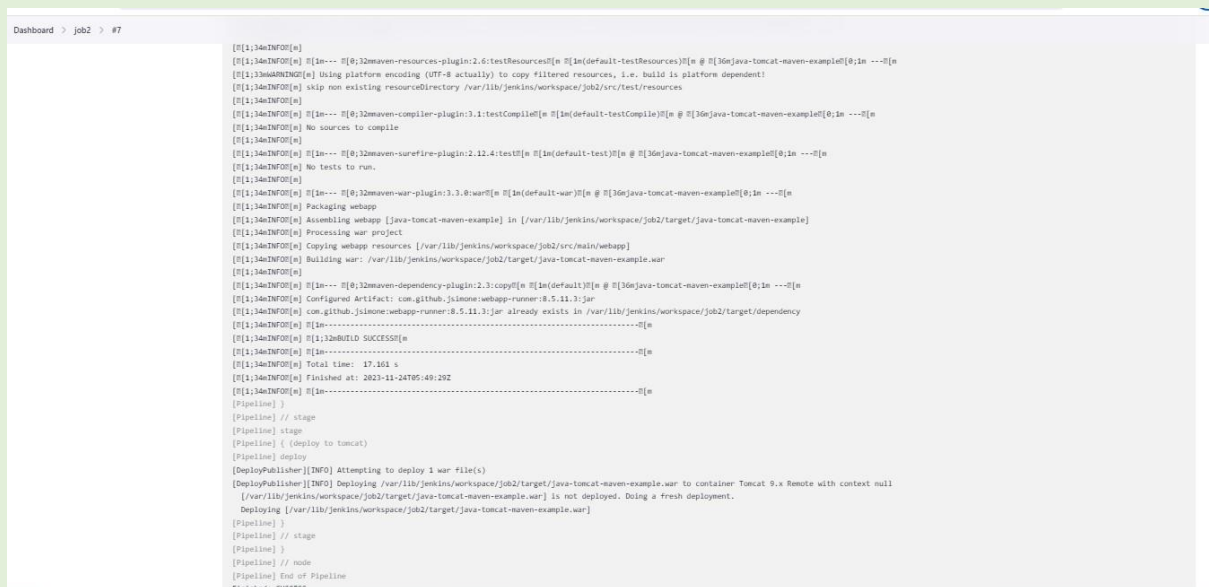
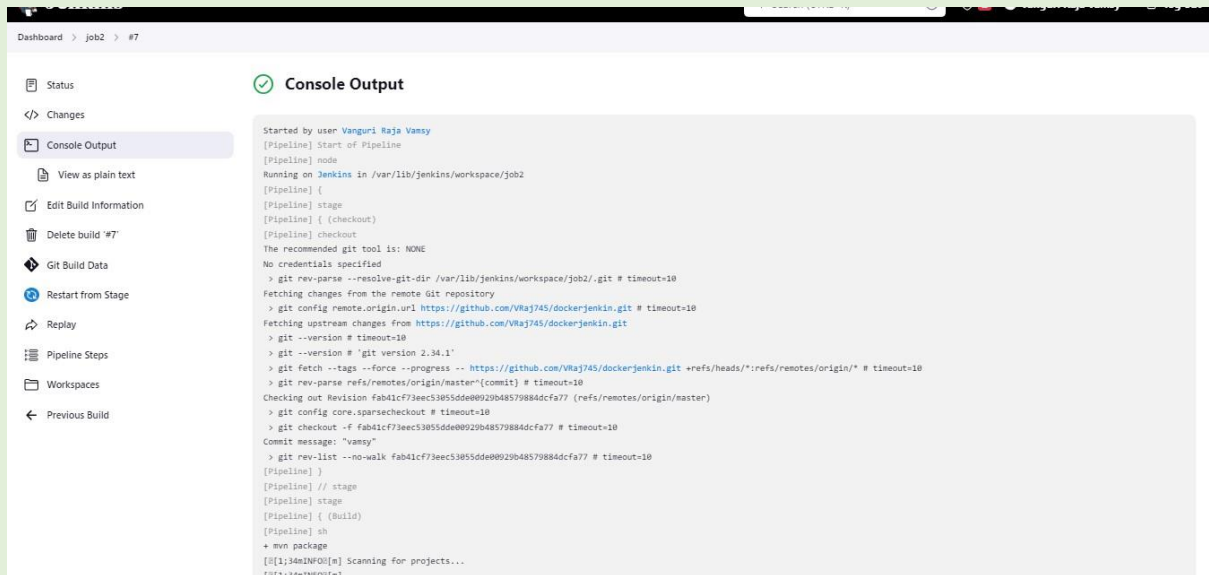
This is the Sign page for Jenkins.



Above shows the pipeline job creation in the Jenkins.

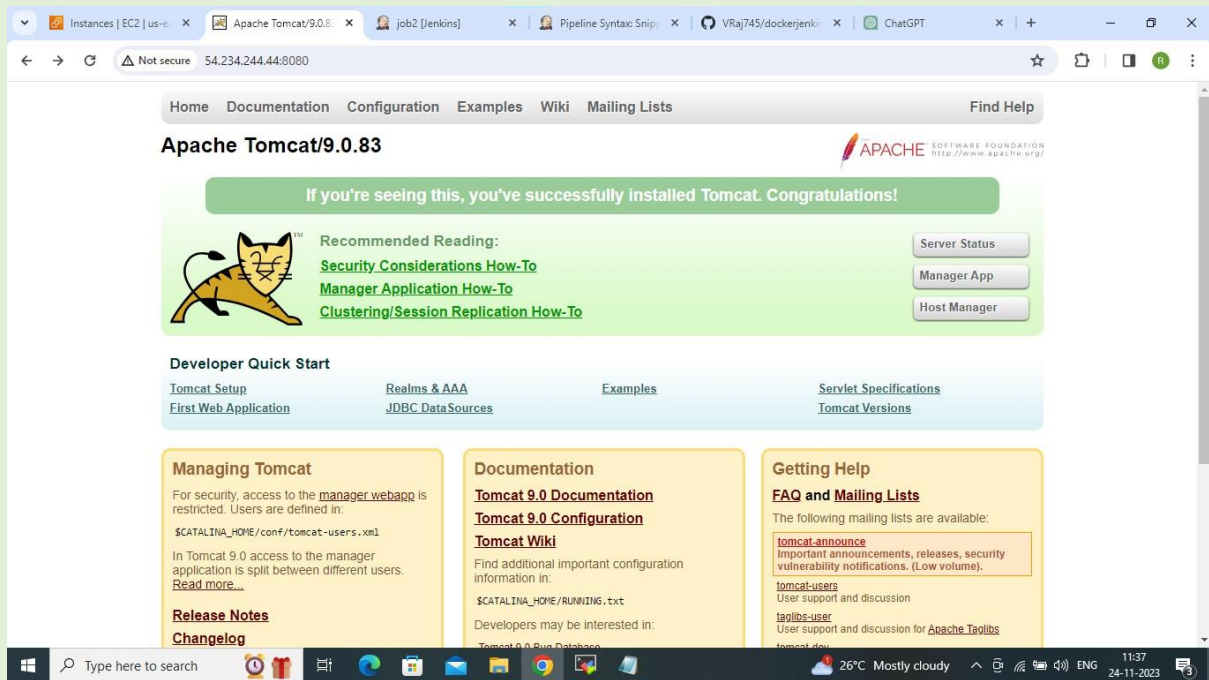


This shows the creation and building the pipeline job and it shows the stage view.



Above figures shoes the **console output** of the pipeline job.

TOMCAT:



Above fig shows that the open page of the TOMCAT server. By clicking on the manager app button, it takes us into the below view of the web page.

Tomcat Web Application Manager

Message:

OK

Manager

List Applications

HTML Manager Help

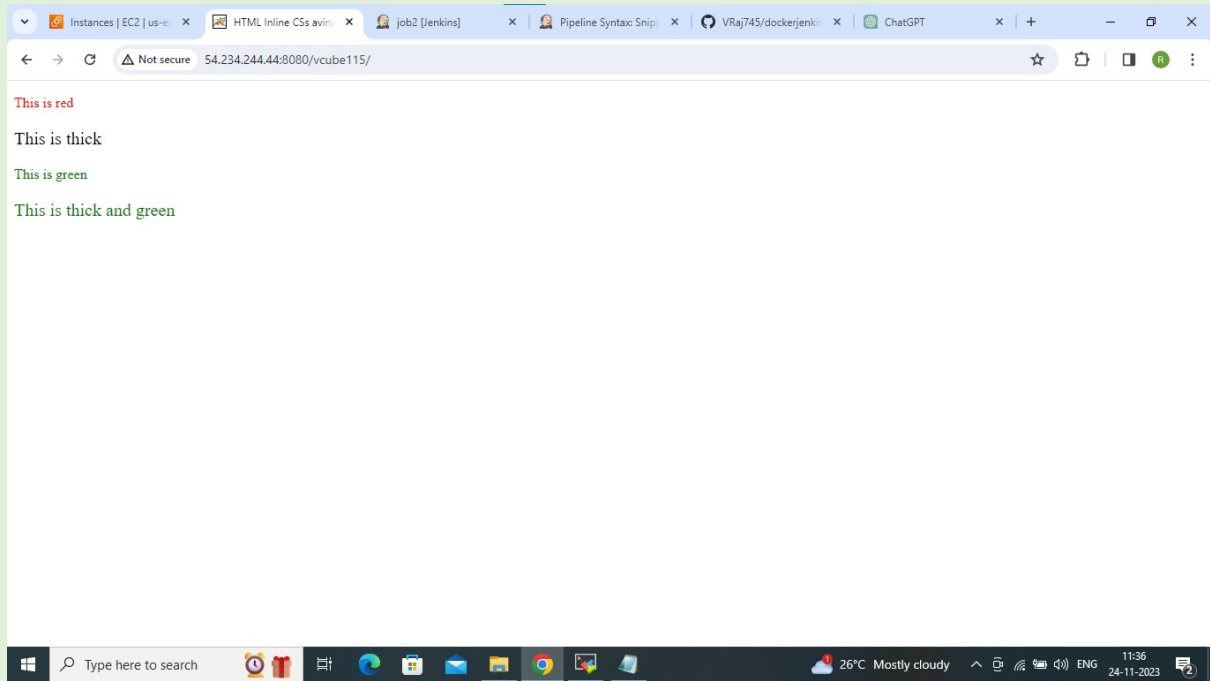
Manager Help

Server Status

Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/java-tomcat-maven-example	None specified	Archetype Created Web Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	1	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/vcube115	None specified	Archetype Created Web Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>

In this page we can see the deployed webapp in the list as vcube115.



This is the Final output of the assignment.