Dockerizing Jenkins Pipeline

Step1: Cloned the source code from the source code repository to https://github.com/iravivarma

Step2: installed the Jenkins in Linux Ubuntu usong the commands:

Installation of Java is a prerequisite

sudo apt update sudo apt install openjdk-8-jdk

Adding the Jenkins Debian repository.

Import the GPG keys of the Jenkins repository using the following wget command:

wget -q -O - https://pkg.jenkins.io/debian/jenkins.io.key | sudo apt-key add -

add the Jenkins repository to the system with:

sudo sh -c 'echo deb http://pkg.jenkins.io/debian-stable binary/ > /etc/apt/sources.list.d/jenkins.list'

Install Jenkins.

Once the Jenkins repository is enabled, update the apt package list and install the latest version of Jenkins by typing:

sudo apt updatesudo apt install jenkins

Installation of Docker through the convenience script

Step3: curl -fsSL https://get.docker.com -o get-docker.sh

Step4: sh get-docker.sh

Working On the Project:

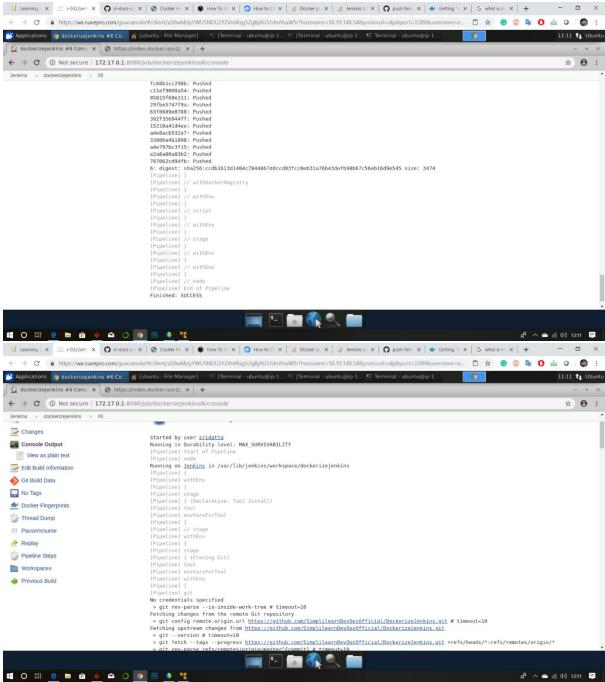
Step5: create a new pipeline job in Jenkins

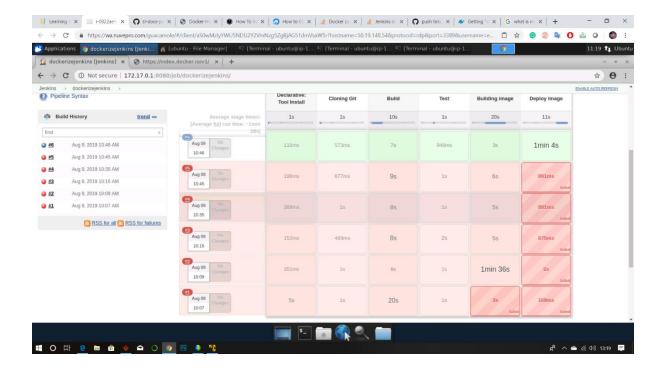
Step 6: Go to new job->manage jenkins->build triggers->pipeline with sample script(pasted the source code which is copied from the source code repository)

Step7:Go to Manage plugins->installed nodejs plugin and go to global credentials->added the docker hub credentials to the Jenkins.

Step8: And added the Jenkins user to docker using the command sudo usermod -aG username

Step9: Built the job is success





Step10: checked the result in Dockerhub.com and it is success

