ASSIGNMENT-3

Course: DevOps Name: Vanguri Raja Vamsy

Batch No: 115 (9am-10am) Mail id:rajavamsyvanguri@gmail.com

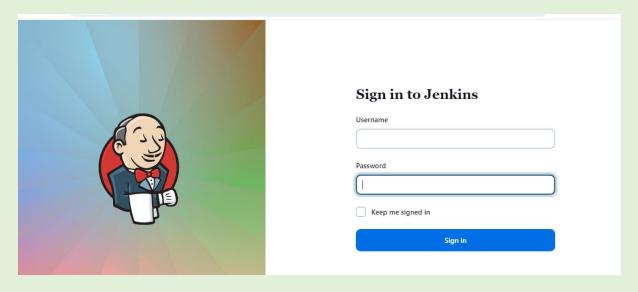
Trainer Name: Mr. Madhukar Reddy **Date:** 08-12-23

Topic: 1) Use Parameterize build in Jenkins pipeline

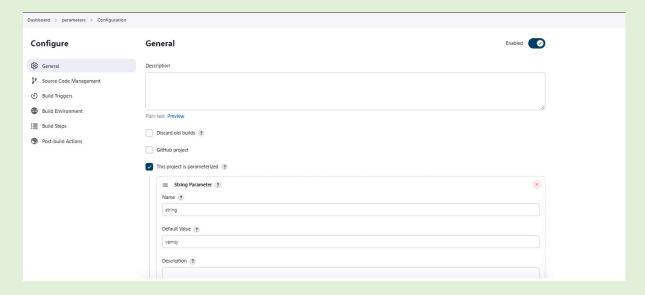
2) Try to implement email trigger from Jenkins pipeline

1) Parameterize build:

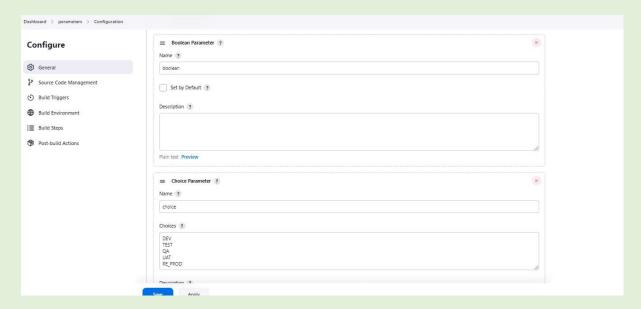
JENKINS:



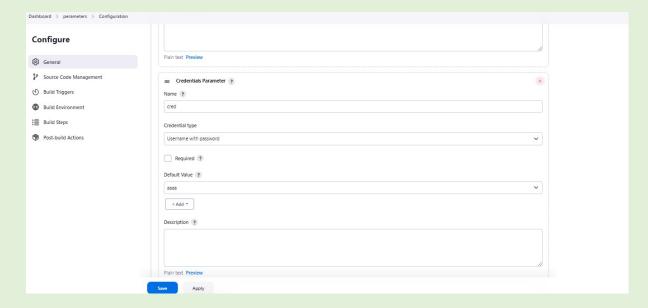
This is the Sign page for Jenkins. Sign in to Jenkins add new item, create a job.



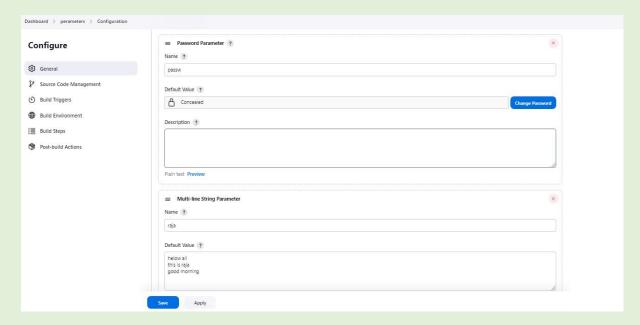
Above shows the configure job creation in the Jenkins. By selecting "This project is parameterised". Add parameter and select the string parameter. Give name string and Default value is vamsy.



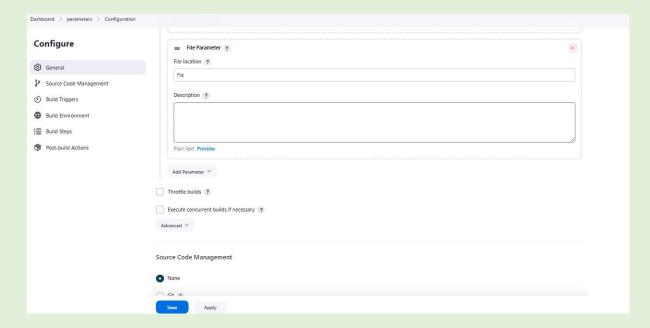
Above Shows Adding the Boolean and choice parameters.



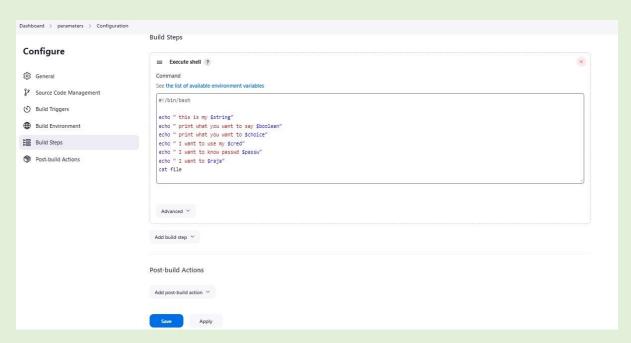
Above figure shows the adding of credential parameter.



Above figure shows the adding of password parameter.

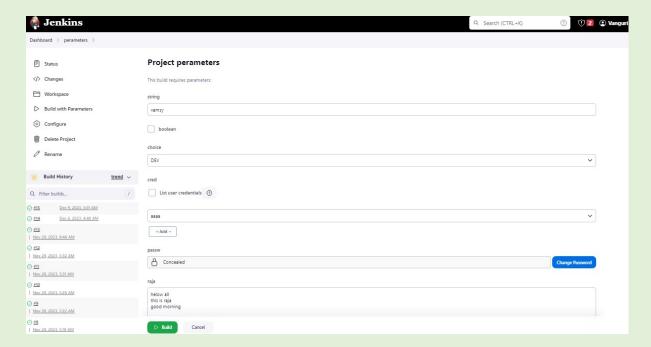


Above figure shows the adding of file parameter.

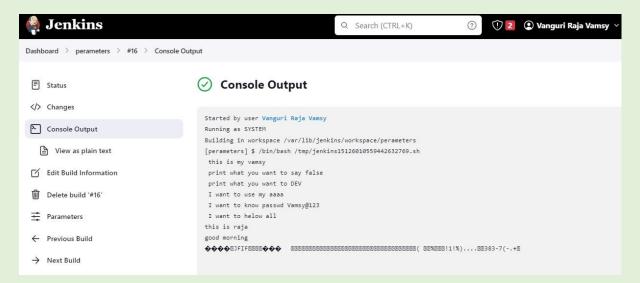


Above figure shows the Execute shell script, which is used to execute the parameters.

APPLY and SAVE.

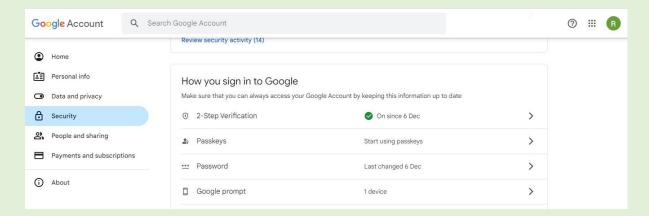


Above figure shows the Building process. Click on Build with parameters. select options and build.

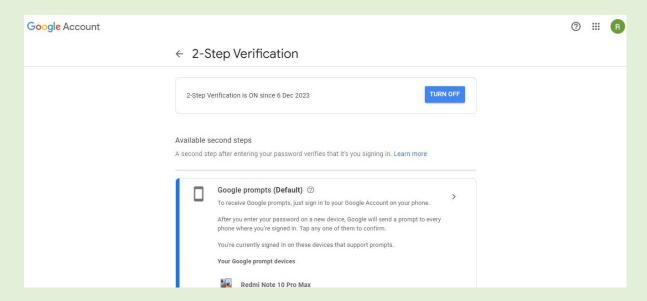


Above figures shoes the **console output** of the parameter job.

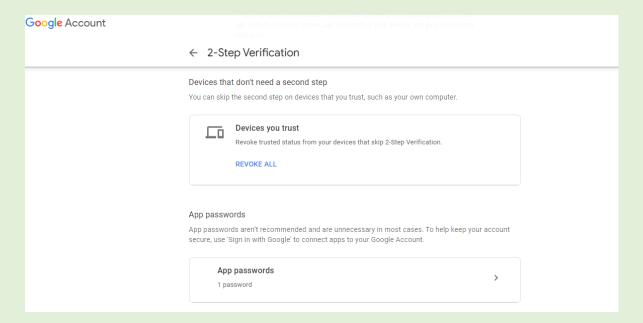
2)Email Trigger:



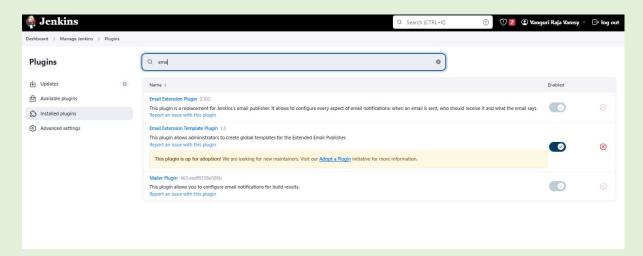
Open email, manage >>manage google account>> security>>2-Step Verification.



Turn on 2-step verification.



Go to APP passwords>> add jenkins create password>> copy the password and paste it in the jenkins email notification config.



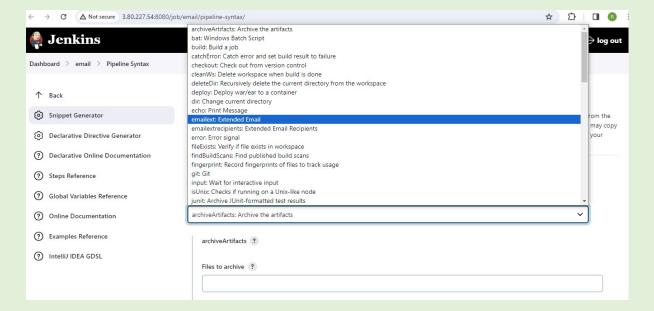
Go to Manage Jenkins > plugins and install these plugins.



Go to manage jenkins>> system>> scroll down configure and give app password, apply and save.



NOW create the pipeline job.



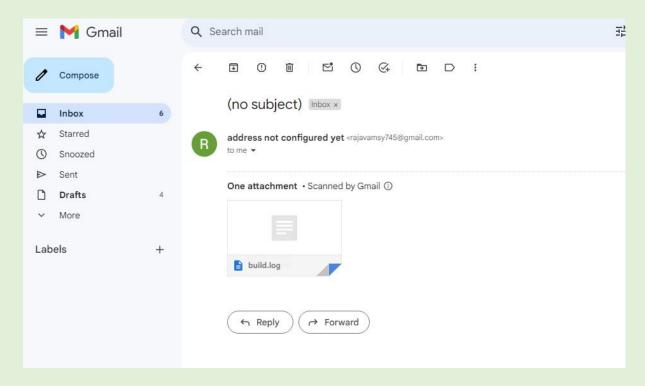
Go to the pipeline syntax>> select the emailext Extended Email Recipients. And configure that by adding the git log in attachments.

Pipeline Script:

```
pipeline {
  agent any
  stages {
     stage('Checkout') {
        steps {
           checkout([$class:
                                                            [[name:
                                                                       '*/dev']],
                                'GitSCM',
                                              branches:
userRemoteConfigs: [[url: 'https://github.com/VRaj745/taxi-booking.git']]])
     stage('Build') {
        steps {
           sh 'mvn package'
     stage('email notification'){
        steps{
```

emailext attachLog: true, attachmentsPattern: 'txt', body: ", replyTo: 'rajavamsy745@gmail.com', subject: ", to: 'rajavamsy745@gmail.com' } } Jenkins 😲 🙎 🌘 Vanguri Raja Van Dashboard > email > #35 O Console Output F Status Console Output View as plain text 「イ Edit Build Information Delete build '#35' ⇔ Replay Pipeline Steps Workspaces Dashboard > email > #35 | [[1].15MTPOT[8] | Nolliding werr: /www/lbb/pent/mell/rack-booking/target/text-booking-1.0 |
[[1].15MTPOT[8] | Nolliding werr: /www/lbb/pent/mell/rack-booking/target/text-booking-1.0 |
[[1].15MTPOT[8] | Nolliding | Nollid Sending email to: rajavamsy745@gmail.com

Above shows the Console Output of the pipeline job.



This the RESULTANT OUTPUT email.



This the FINAL output for this Email Trigger.