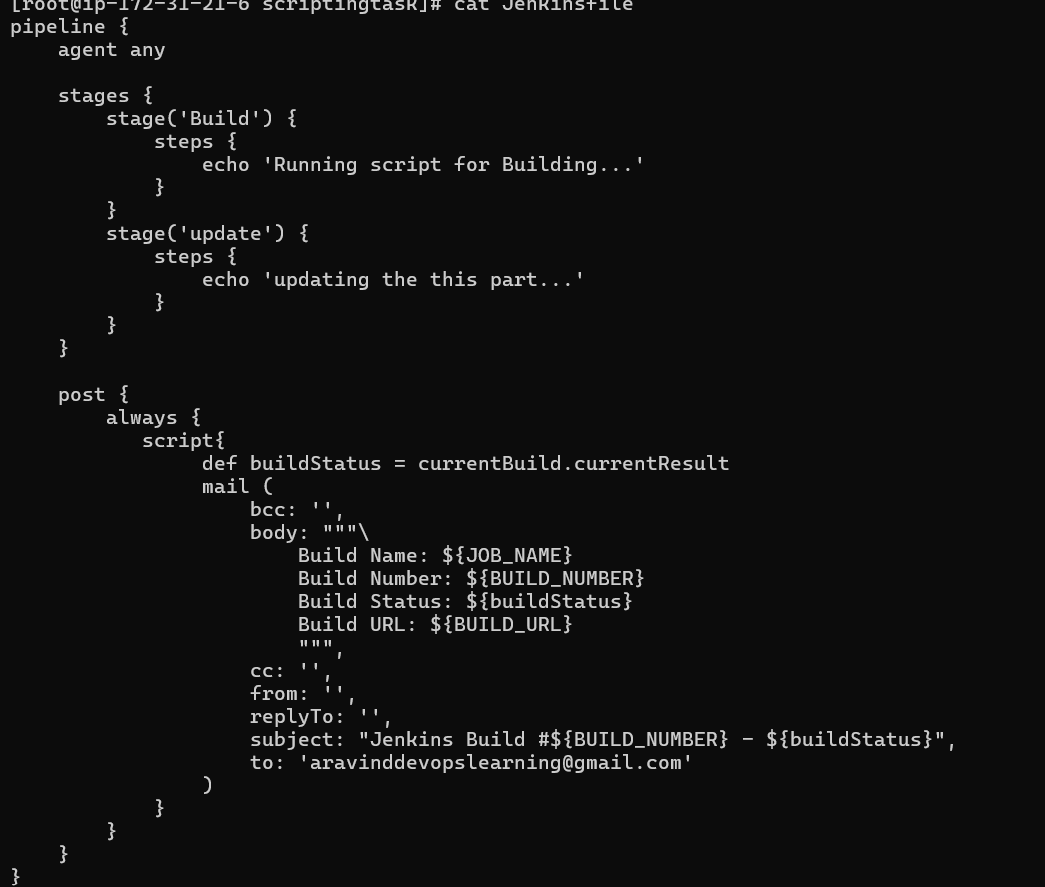
**Jenkins Task – 2**

Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

🡪Jenkinsfile is created and uploaded to git hub repo. Jenkins file content that is present in github.



🡪Multibranch pipeline configuration,

-Enter Displayname

-Select Branch source as Git and enter git repository path

-Select credentials if ur path is private else use don’t select any option under credentials

Build configuration mode is default “by Jenkinsfile” and script path is default is “Jenkinsfile”

-Select Scan by Webhook

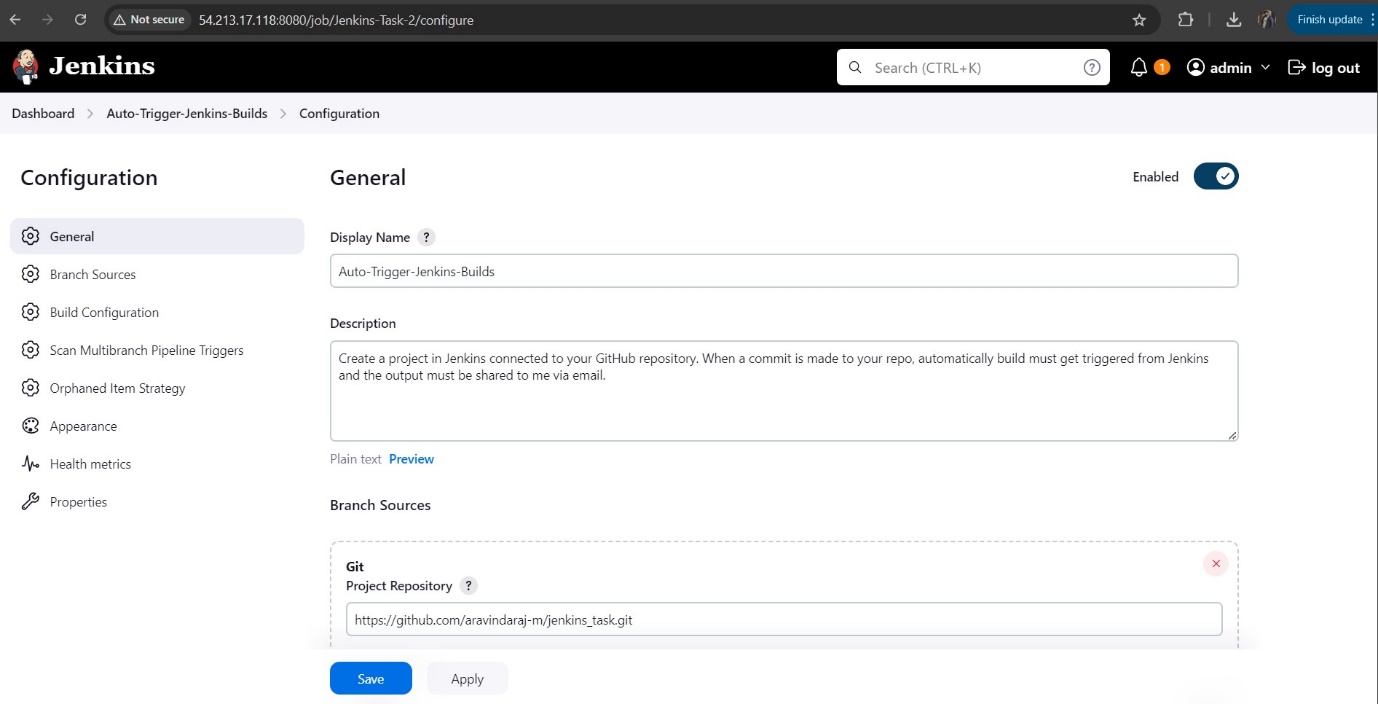
-Enter the trigger token in the field and copy the trigger token syntax for github

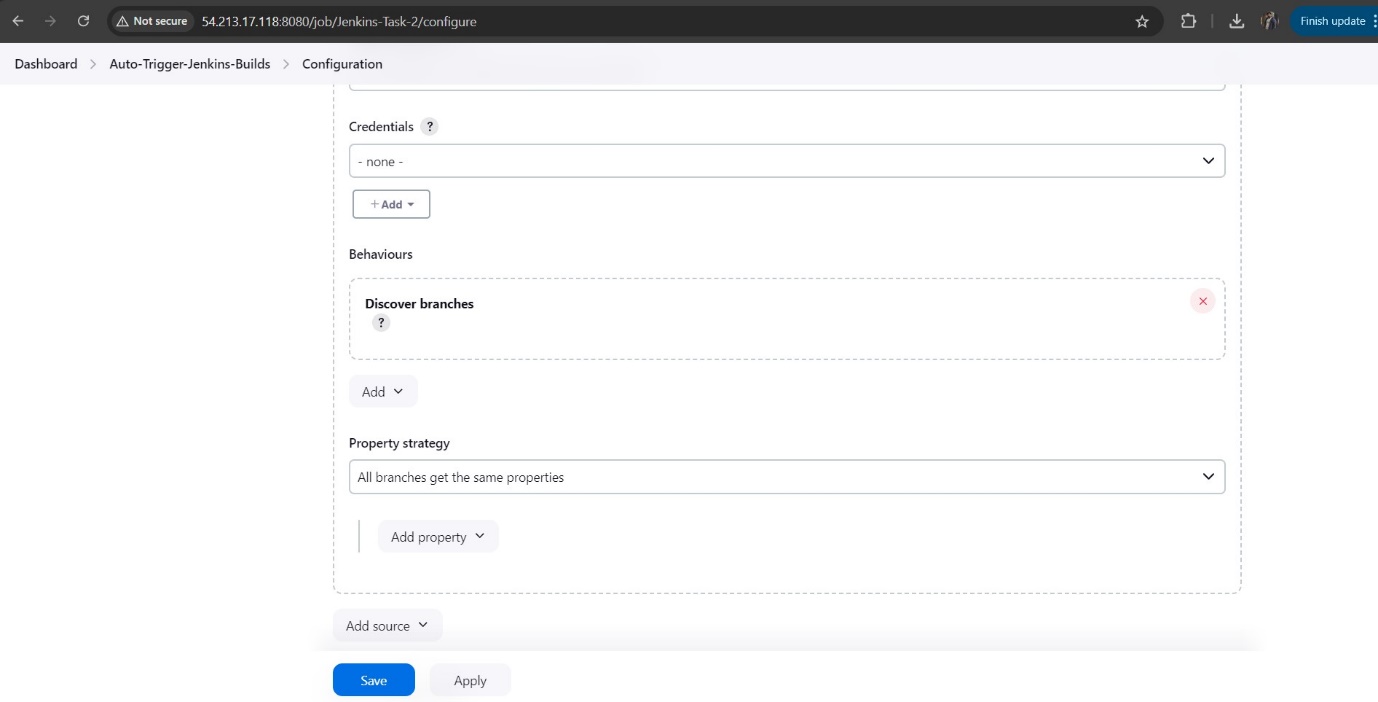
“JENKINS\_URL/multibranch-webhook-trigger/invoke?token=[Trigger token]”

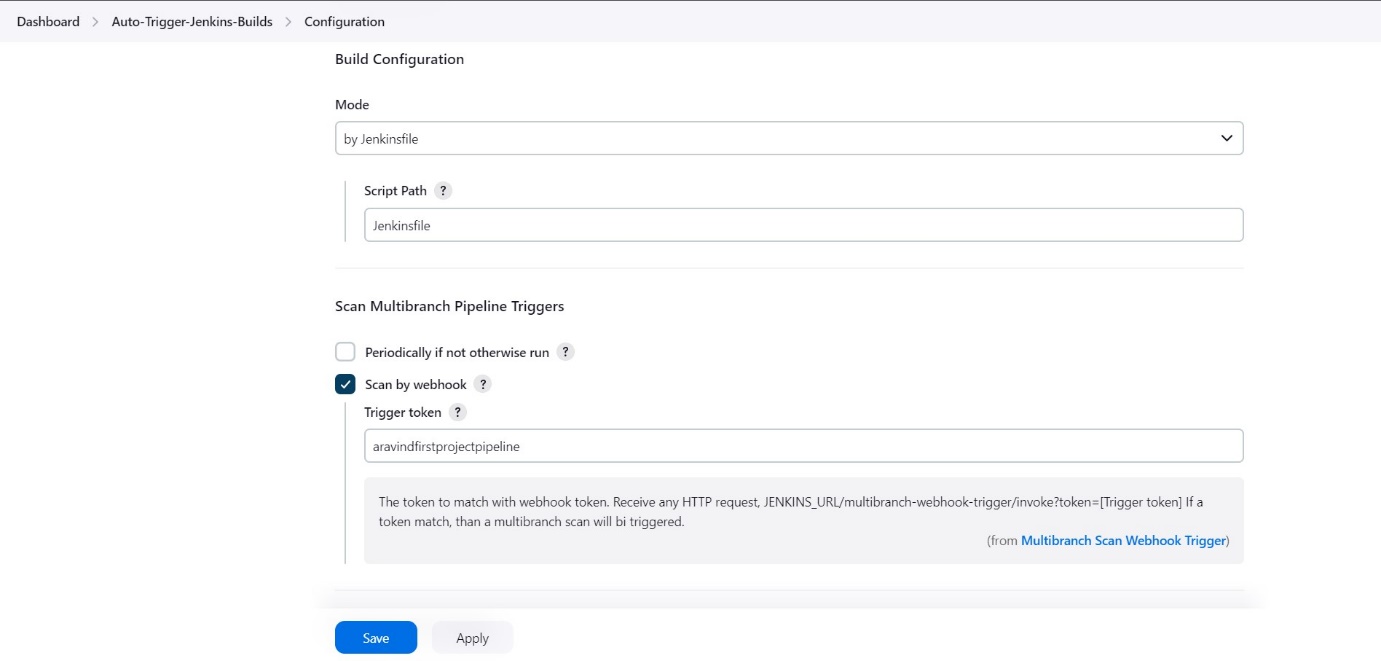
Eg:

http://54.213.17.118:8080/multibranch-webhook-trigger/invoke?token= aravindfirstprojectpipeline

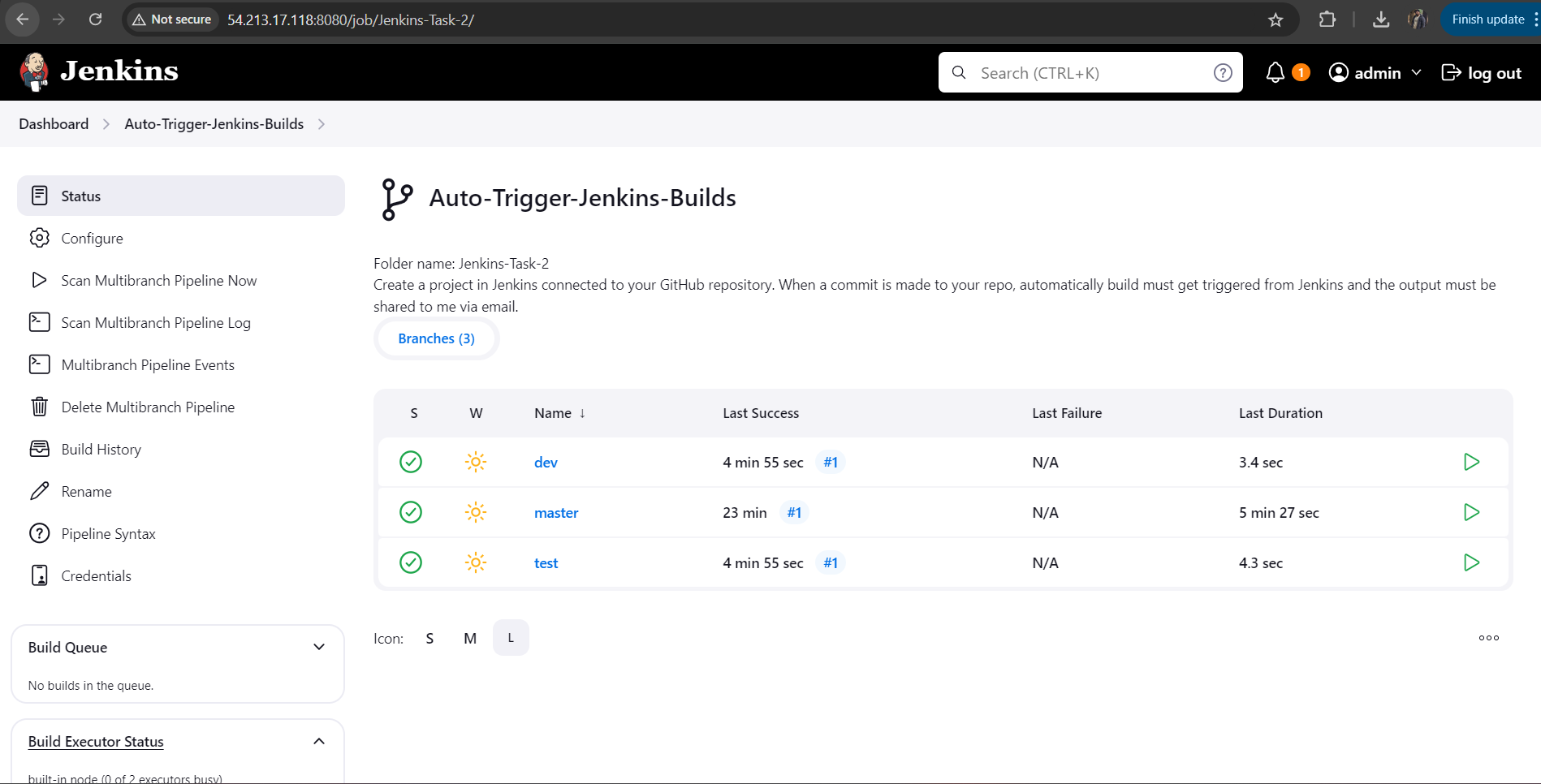
-Apply and save the configuration







🡪Multibranch project project in Jenkins with Jenkins file in all the branch.



🡪Update Webhook in Github to the branch repo

-Select settings in branch and select Webhook in left side

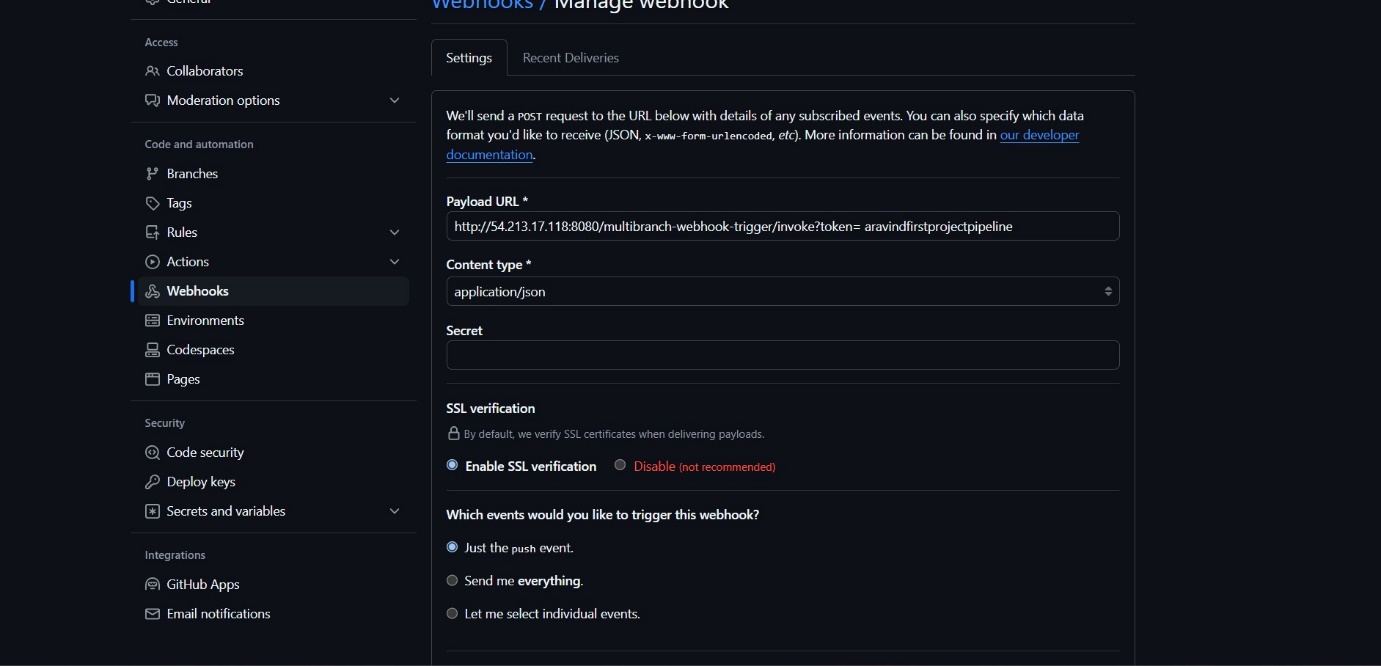
-Select Add Webhook

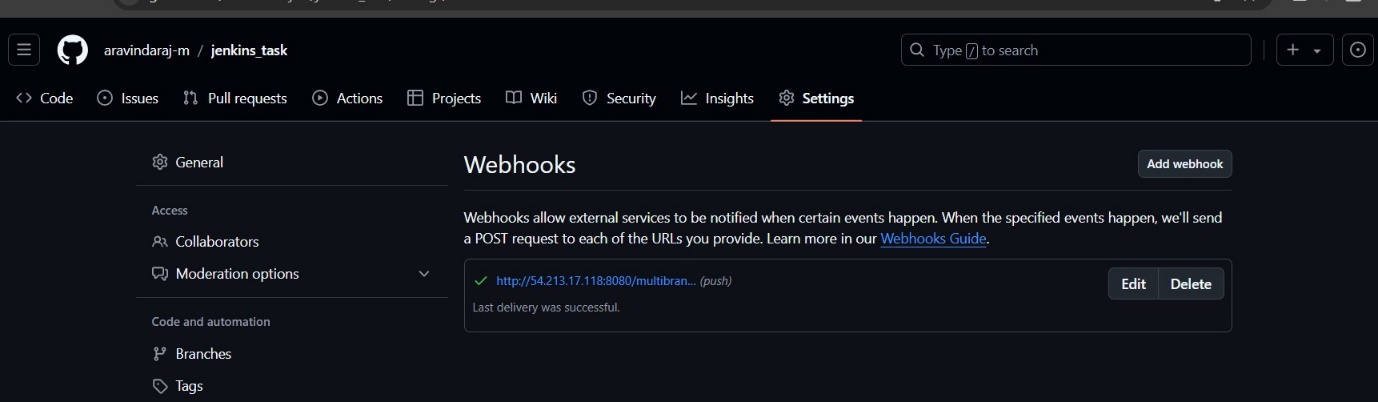
-Copy the Jenkins webhook trigger url to the payload url field

[http://54.213.17.118:8080/multibranch-webhook-trigger/invoke?token= aravindfirstprojectpipeline](http://54.213.17.118:8080/multibranch-webhook-trigger/invoke?token=%20aravindfirstprojectpipeline)

-Select Just push event

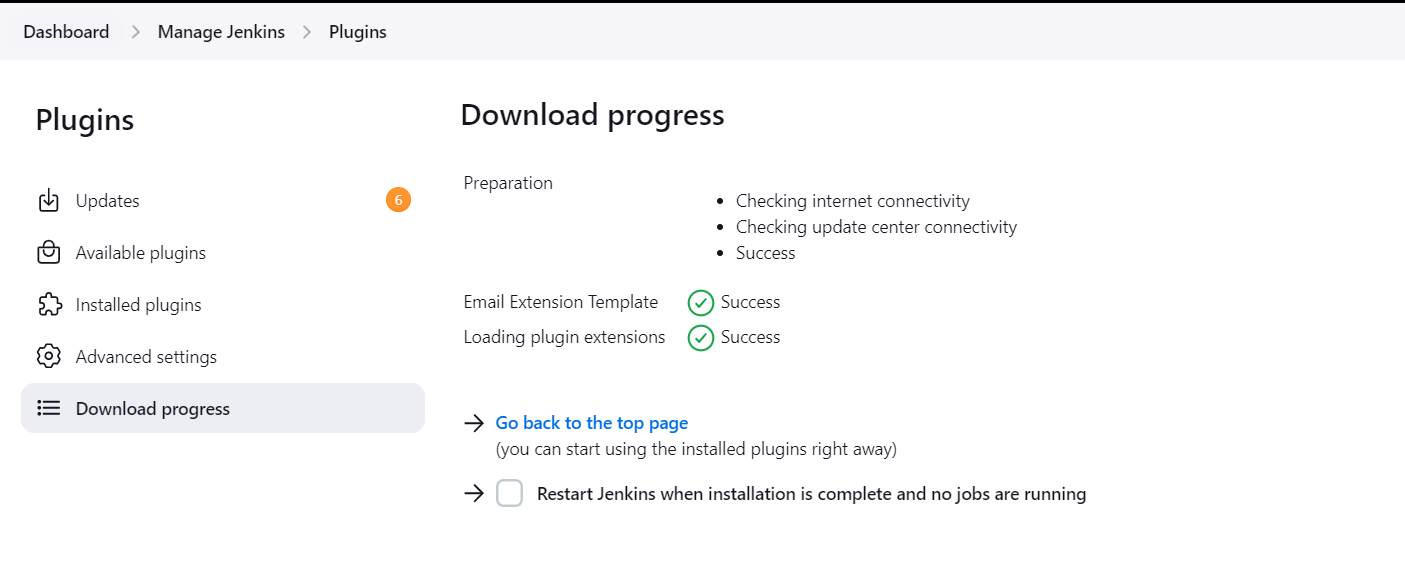
-Select Add Webhook button



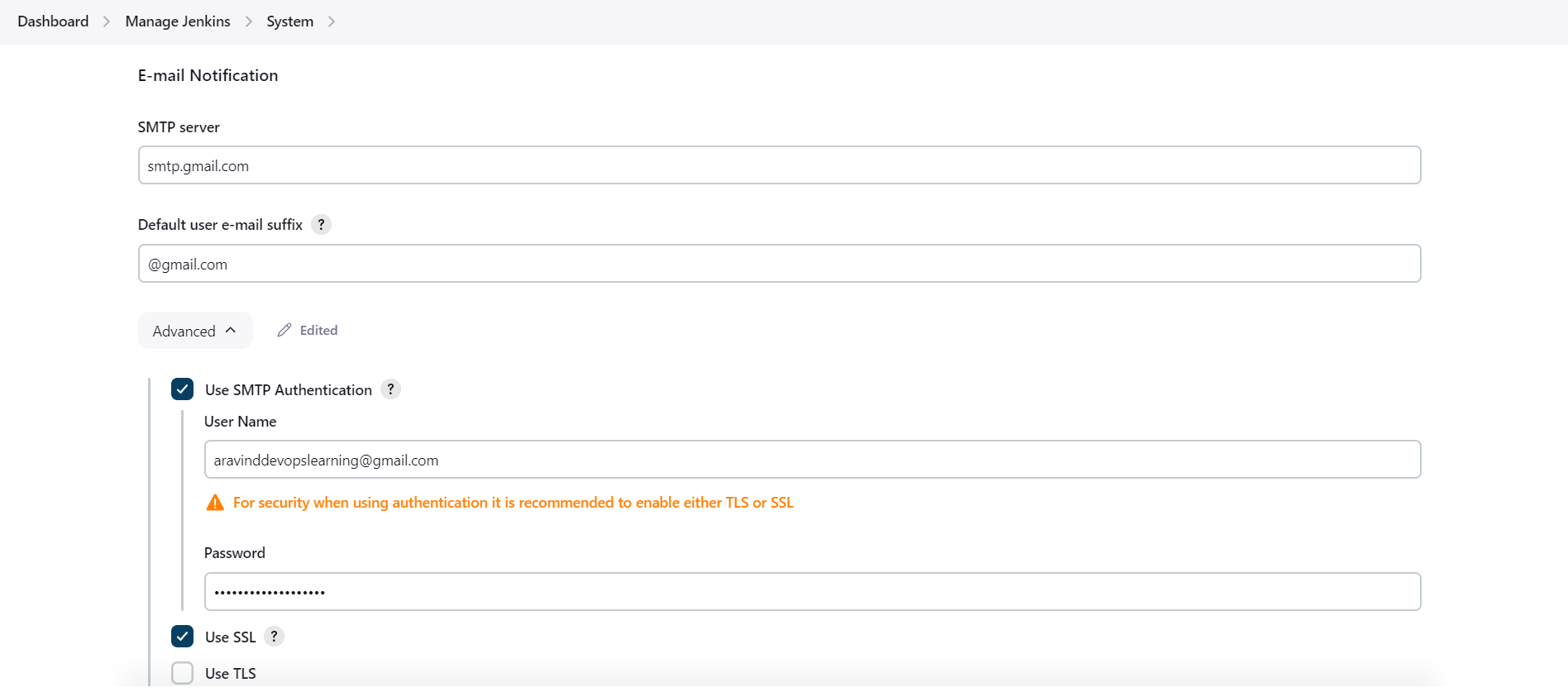


🡪Configure Email Notification in Jenkins and add email notification to Jenkins file

-Download and enable Email Extension Plugin in Manage Jenkins



🡪Configure Email Extension Notification



-Enter smtp server

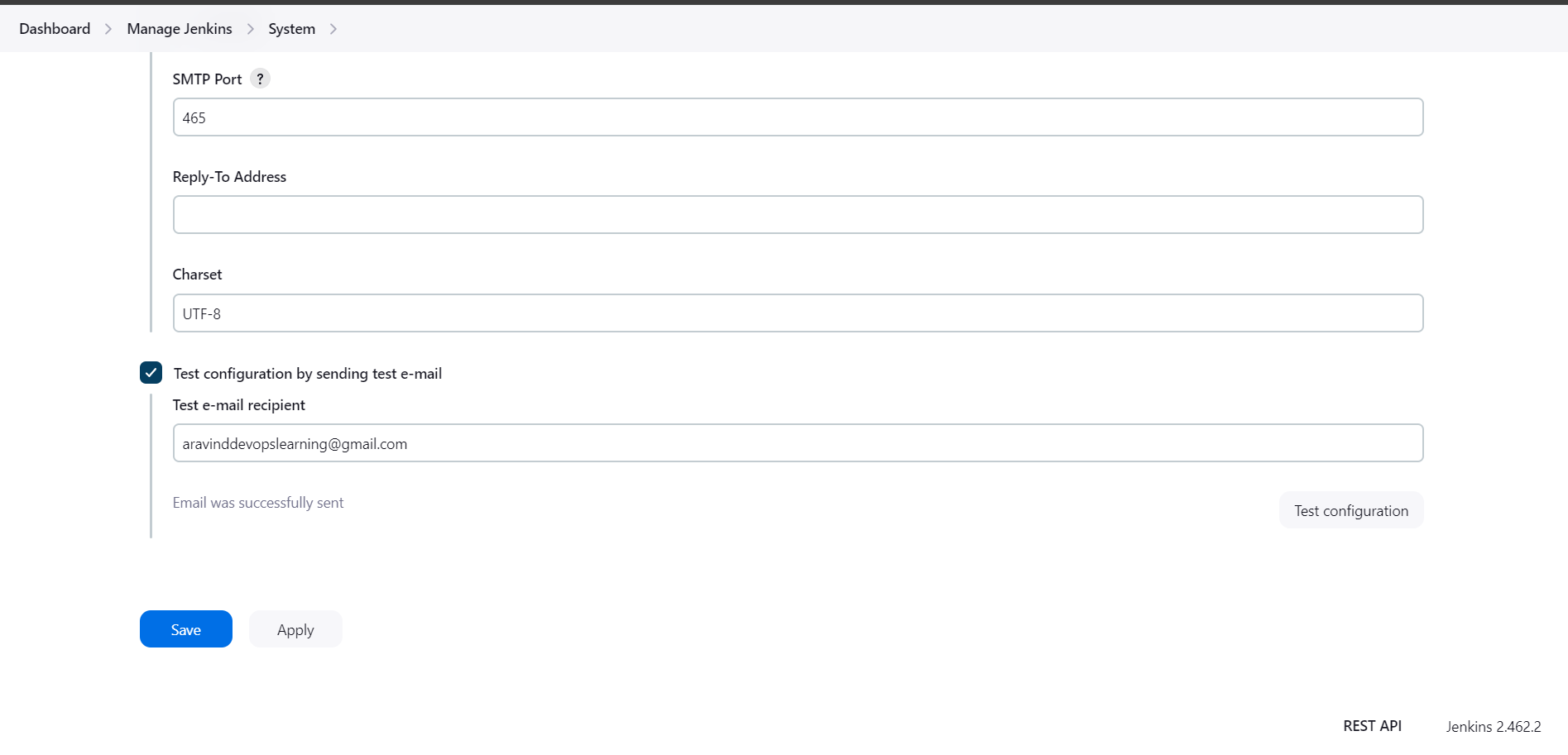
-Default user email suffix

-Select use smtp authentication

-Enter ur username(mail id)

-Enter ur password(app password)

-Select use SSL



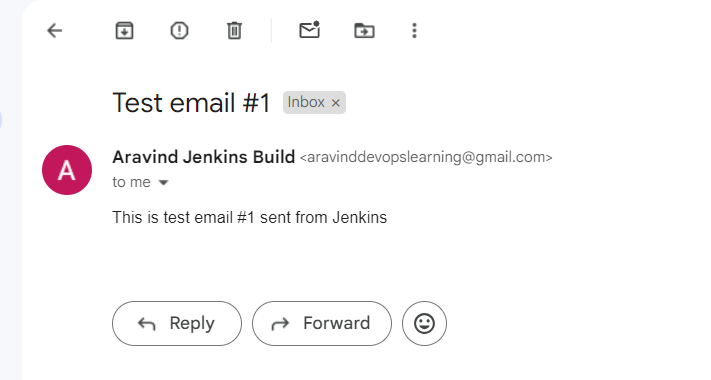
-Enter the SMTP port number

-Enter the email for test configuration

-Test configuration if ur getting email

-Click apply and save

Test mail received from Jenkins email configuration

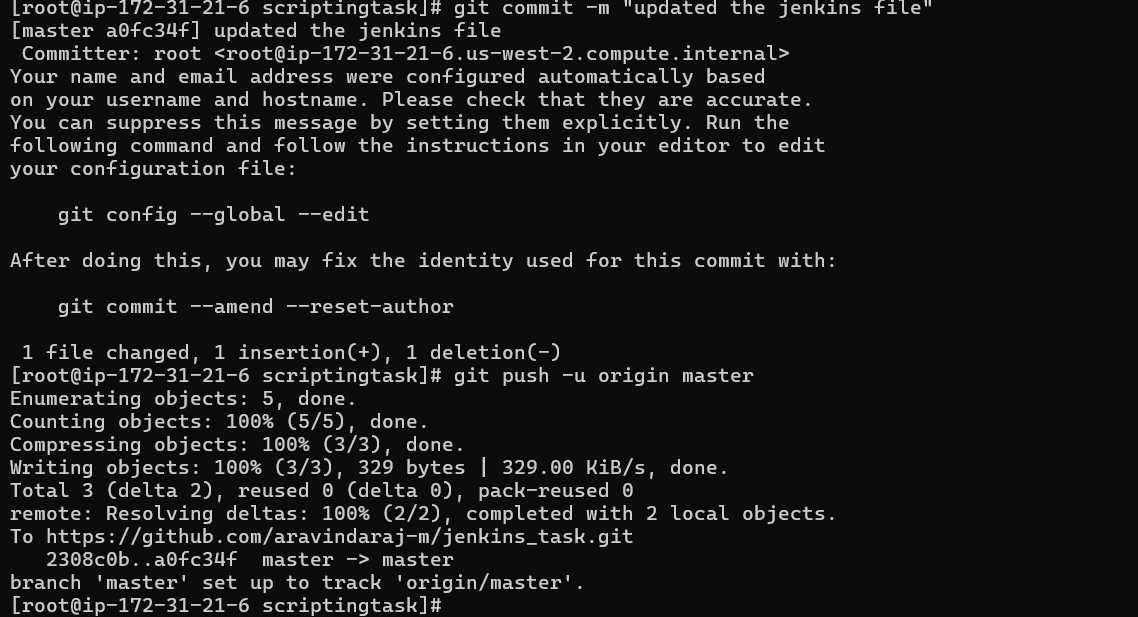


🡪Git push to trigger auto build in Jenkins and email notification

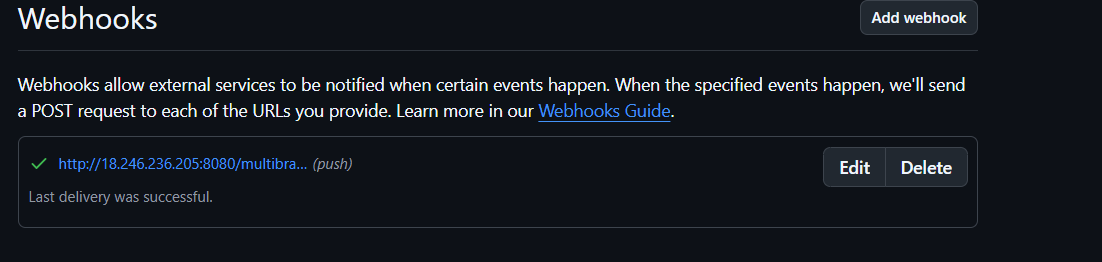
-git add . 🡪to add the changes to repo

-git commit -m “update” 🡪 to commit the changes

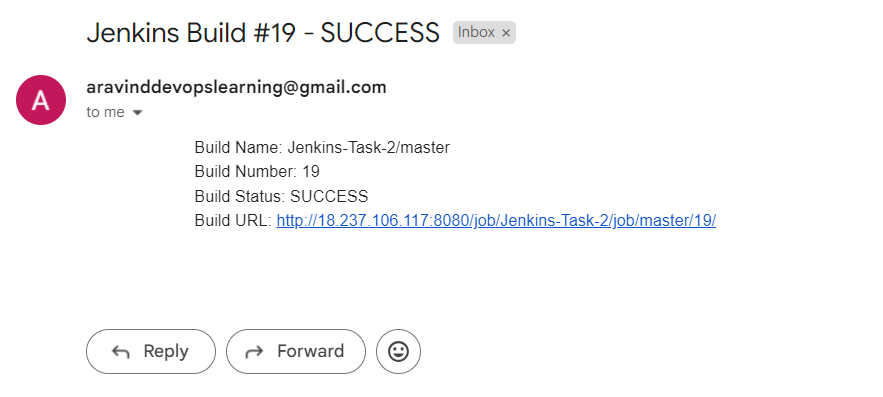
-git push -u origin master 🡪 push the changes to github repo to initiate auto trigger in Jenkins



-Github webhook successful



-email notification received successfully

****