

## Jenkins Task-2

### Task Description:

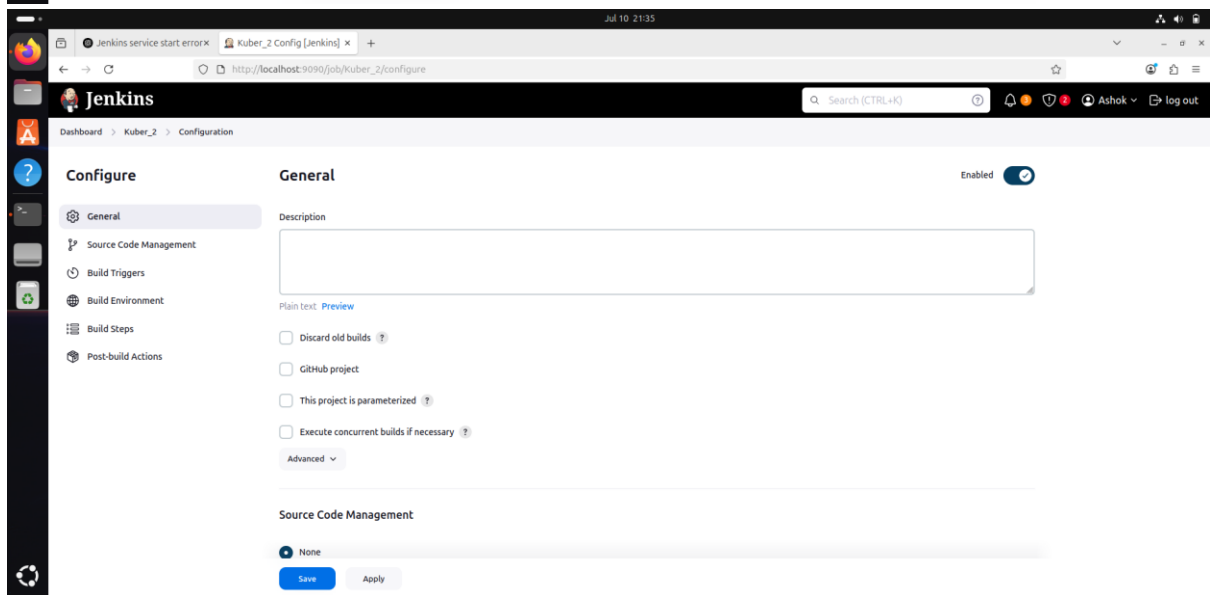
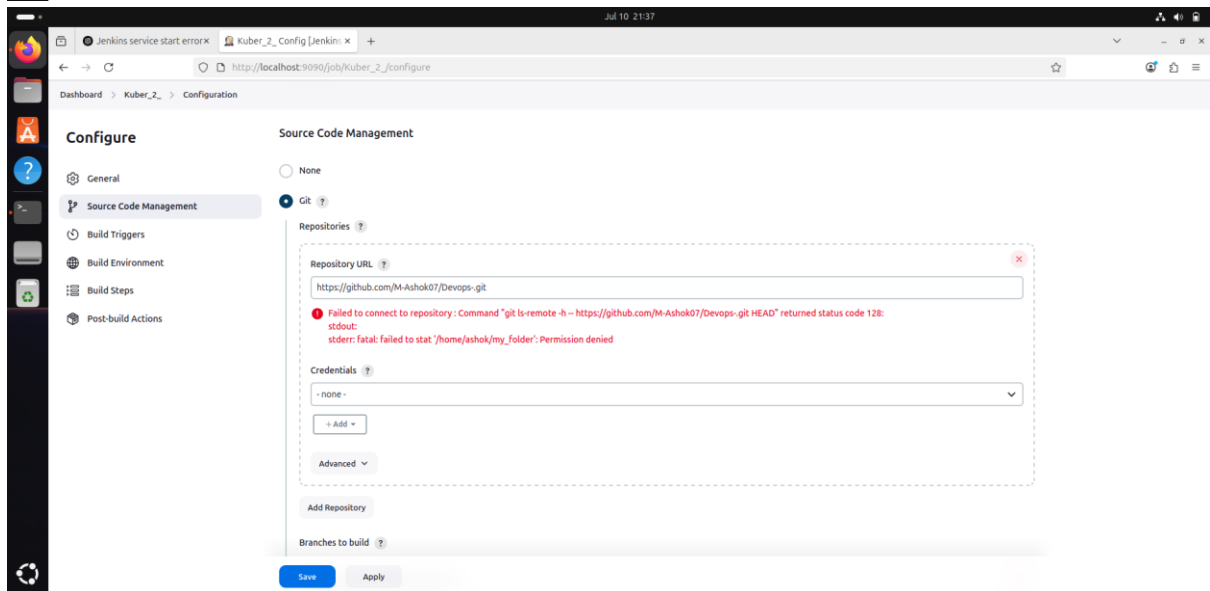
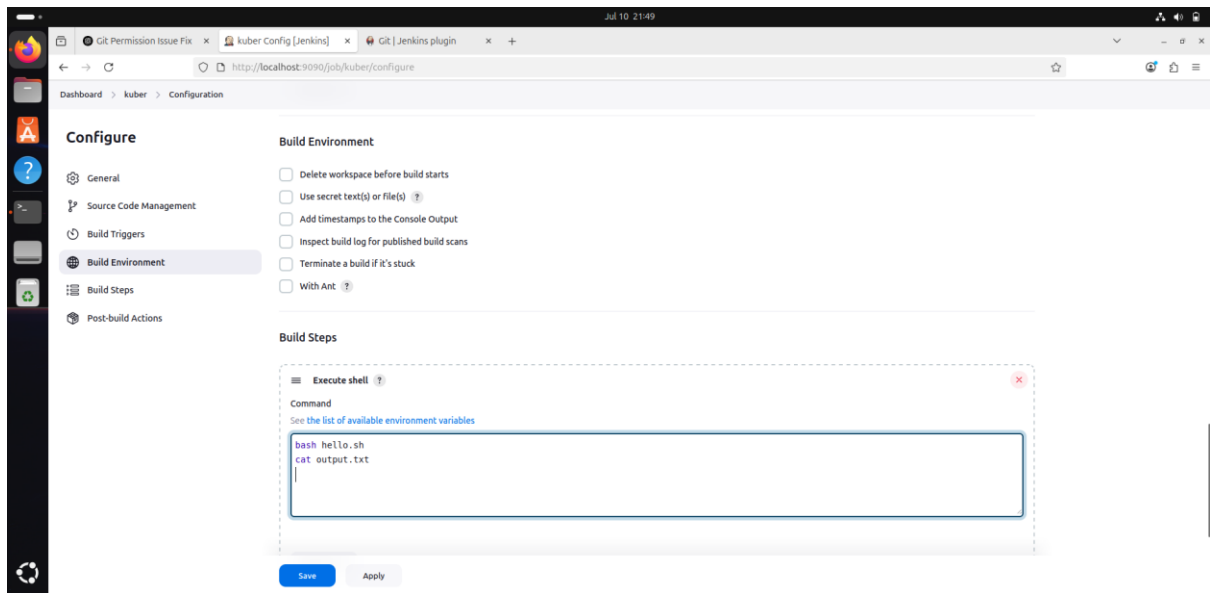
Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

The top screenshot shows the Jenkins 'System' configuration page. The 'Add git tag action to jobs' checkbox is checked. The 'Shell' section has a 'Shell executable' field. The 'Extended E-mail Notification' section includes fields for 'SMTP server' (smtp.gmail.com), 'SMTP Port' (587), and 'Default user e-mail suffix'. There are 'Save' and 'Apply' buttons at the bottom.

The bottom screenshot shows the Jenkins 'Dashboard'. The 'Build Queue' is empty. The 'Build Executor Status' shows 2 idle executors. The 'Build History' table shows a single build for 'kuber'.

S	W	Name	Last Success	Last Failure	Last Duration
🔴	🔴	kuber	N/A	52 sec #1	3.5 sec

REST API Jenkins 2.440.3



Jul 10 21:28

Jenkins service start error x Download progress - Plu: x

http://localhost:9090/manage/pluginManager/updates/

# Jenkins

Search (CTRL+K)

Ashok log out

Dashboard > Manage Jenkins > Plugins

## Plugins

- Updates
- Available plugins
- Installed plugins
- Advanced settings
- Download progress

### Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

Folders

Failure -

```
java.io.IOException: Failed to load: Folders Plugin (cloudbees-folder 6.928.v7c78021d66e)
- Jenkins (2.444) or higher required
  at hudson.PluginWrapper.resolvePluginDependencies(PluginWrapper.java:988)
  at hudson.PluginManager.dynamicLoad(PluginManager.java:946)
Caused: java.io.IOException: Failed to install cloudbees-folder plugin
  at hudson.PluginManager.dynamicLoad(PluginManager.java:969)
  at hudson.model.UpdateCenter$InstallationJob._run(UpdateCenter.java:2249)
Caused: java.io.IOException: Failed to dynamically deploy this plugin
  at hudson.model.UpdateCenter$InstallationJob._run(UpdateCenter.java:2253)
  at hudson.model.UpdateCenter$DownloadJob.run(UpdateCenter.java:1899)
  at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:515)
  at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:264)
  at hudson.remoting.AtMostOneThreadExecutor$Worker.run(AtMostOneThreadExecutor.java:121)
  at java.base/java.lang.Thread.run(Thread.java:829)
```

Branch API

Failure -

```
java.io.IOException: Failed to load: Branch API Plugin (branch-api 2.1202.vc51412f3ed84)
- Failed to load: Folders Plugin (cloudbees-folder 6.928.v7c78021d66e)
  at hudson.PluginWrapper.resolvePluginDependencies(PluginWrapper.java:988)
  at hudson.PluginManager.dynamicLoad(PluginManager.java:946)
Caused: java.io.IOException: Failed to install branch-api plugin
```

Jul 10 21:27

Jenkins service start error x Updates - Plugins [jenkin: x

http://localhost:9090/manage/pluginManager/

# Jenkins

Search (CTRL+K)

Ashok log out

Dashboard > Manage Jenkins > Plugins

## Plugins

Search plugin updates

Updates

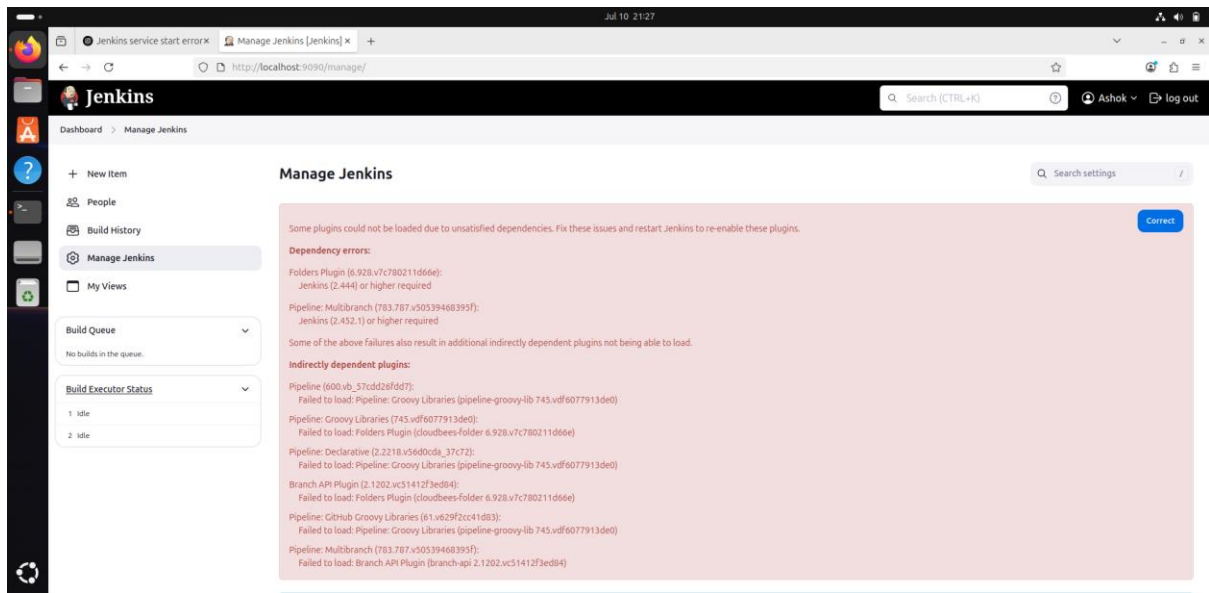
Available plugins

Installed plugins

Advanced settings

No updates available

REST API Jenkins 2.440.3



```
hint: git branch -m <name>
Initialized empty Git repository in /home/ashok/.git/
ashok@ashok:~$ nano hello.sh
ashok@ashok:~$ git int
git: 'int' is not a git command. See 'git --help'.

The most similar command is
    init
ashok@ashok:~$ git init
Reinitialized existing Git repository in /home/ashok/.git/
ashok@ashok:~$ git add hello.sh
ashok@ashok:~$ git commit -m "intiall commit"
[master (root-commit) f46f333] intiall commit
 1 file changed, 2 insertions(+)
 create mode 100644 hello.sh
ashok@ashok:~$ git remote add origin git@github.com:M-Ashok07/Devops-.git
ashok@ashok:~$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'github.com:M-Ashok07/Devops-.git'
ashok@ashok:~$
```