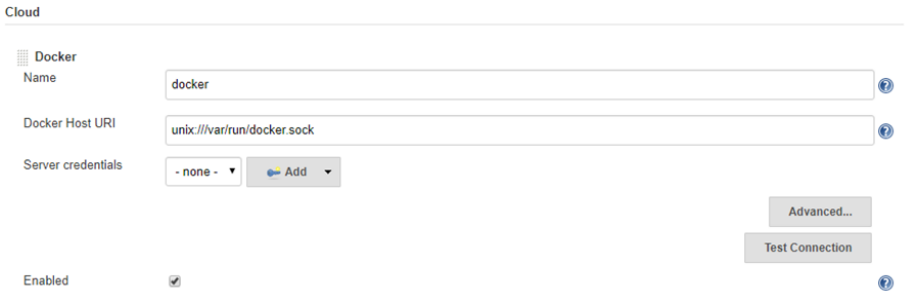
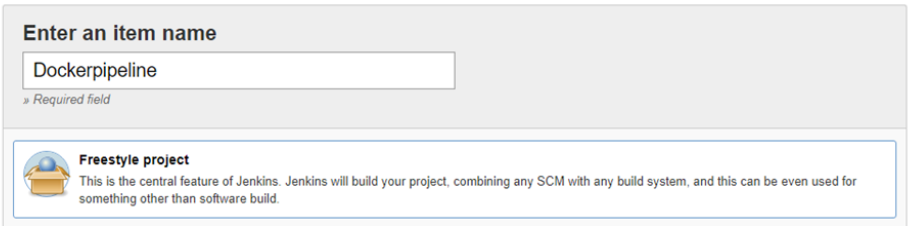
4.6 Setting Up Jenkins Pipeline

Docker Host URI: unix:///var/run/docker.sock



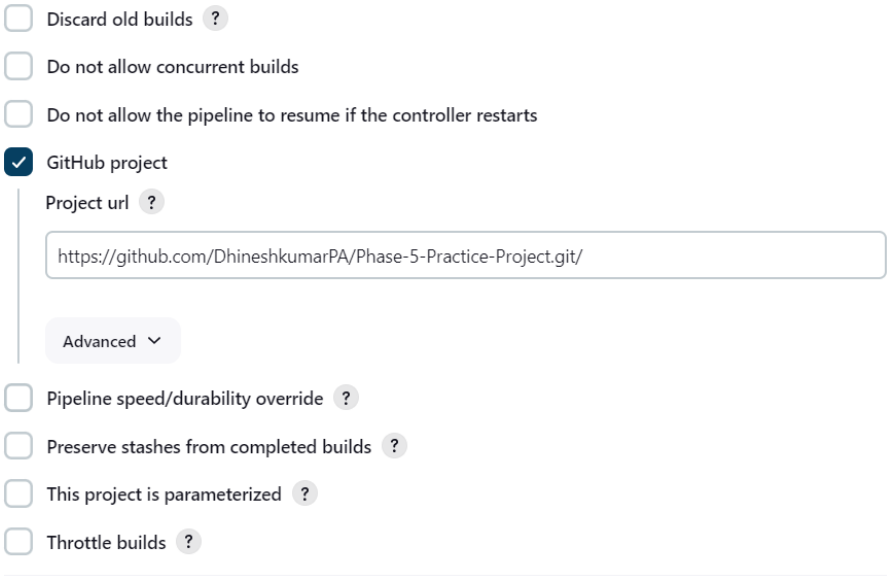
chmod 777 /var/run/docker.sock

```
root@ip-172-31-17-73:/var/run# chmod 777 docker.sock
```

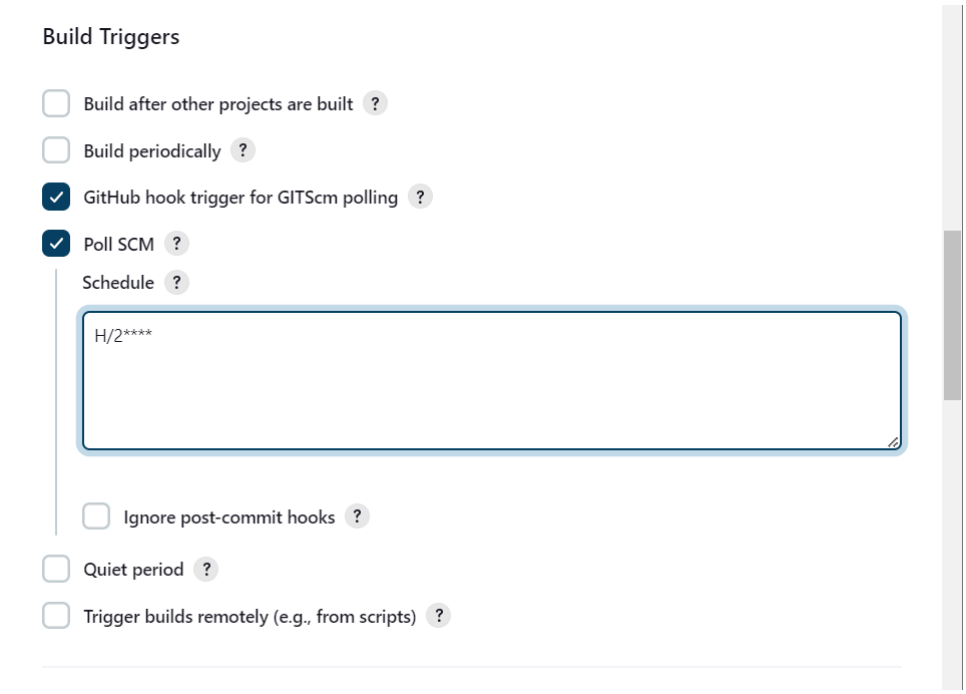


Configure Git repository so that we can have Dockerfile to build Docker container and push it to Docker Hub

https://github.com/DhineshkumarPA/Phase-5-Practice-Project.git/



Configure build triggers to enable Poll SCM feature so that once any push is detected




```
4: digest: sha256:4a9404ab7b26b05fdcd0aee10538a43667fc2b9d0834d7dffb4d330356afd106 size: 2408
Cleaning local images [57c0eeb63850]
Docker Build Done
Pulling image anujsharma1990/phpcode:4
4:Pulling from anujsharma1990/phpcode5b7339215d1d:Already exists14ca88e9f672:Already existsa31c3b1caad4:Already
existsb054a26005b7:Already existsd4db4c3dd692:Pulling fs layer42cbd6016189:Pulling fs layer58e44124d930:Pulling fs
layercb727fa74bc1:Pulling fs layer51e9e9911579:Pulling fs layeree860aead8f8:Pulling fs
layer51e9e9911579:Waitingee860aead8f8:Waitingcb727fa74bc1:Waiting58e44124d930:Verifying Checksum58e44124d930:Download
completecb727fa74bc1:Verifying Checksumcb727fa74bc1:Download complete51e9e9911579:Verifying Checksum51e9e9911579:Download
completed4db4c3dd692:Verifying Checksumd4db4c3dd692:Download completeee860aead8f8:Verifying Checksumee860aead8f8:Download
completed4db4c3dd692:Pull complete42cbd6016189:Verifying Checksum42cbd6016189:Download complete42cbd6016189:Pull
complete58e44124d930:Pull completecb727fa74bc1:Pull complete51e9e9911579:Pull completeee860aead8f8:Pull completenull:Digest:
sha256:4a9404ab7b26b05fdcd0aee10538a43667fc2b9d0834d7dffb4d330356afd106null:Status: Downloaded newer image for
anujsharma1990/phpcode:4Starting container for image anujsharma1990/phpcode:4
Started container aec3ed34f43c7d14e1166aed67b99e9f211aed2fe105b10ee5604c046522e8cc
Finished: SUCCESS
```

```
root@ip-172-31-17-73:/var/run# docker ps
CONTAINER ID        IMAGE                        COMMAND                  CREATED
aec3ed34f43c        anujsharma1990/phpcode:4     "/usr/sbin/apache2 -â¦"   44 seconds ago
root@ip-172-31-17-73:/var/run#
```