Jenkins Task-2

Task Description:

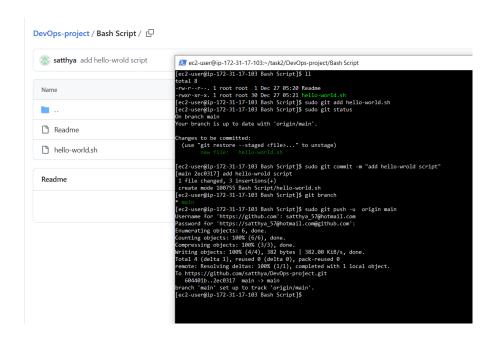
Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

Techstacks needs to be used:

- AWS EC2
- Github
- Jenkins

Step1: Create simple script and upload to Git Hub

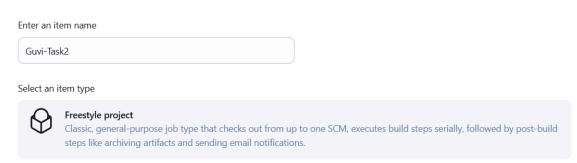
- ♣ VI hello-world.sh
- **↓** chmod +x hello-world.sh
- git add hello-world.sh
- git commit -m "added hello-world script"
- 🖊 git push -u origin main



Step2: Configure Jenkins Project

• Create Freestyle Project

New Item



- Link to GitHub
 - o Source Code Management > Git

Source Code Management Connect and manage your code repository to automatically pull the latest code for your builds. None Git ? Repositories ? Repository URL ? https://github.com/satthya/DevOps-project.git Credentials ? - none + Add Advanced >

Add Build Trigger

Trigger builds remotely (e.g., from scripts) ?

o Build Triggers > Poll SCM

Iriggers	
Set up automated actions that start your build based on specific events, like code changes or scheduled times.	nes.

	Build after other projects are built ?
	Build periodically ?
	GitHub hook trigger for GITScm polling ?
/	Poll SCM ?
	Schedule ?
	H/5 ****

Would last have run at Friday, December 27, 2024 at 8:29:32 AM Coordinated Universal Time; would next run at Friday, December 27, 2024 at 8:34:32 AM Coordinated Universal Time.

Ignore post-commit hooks ?

• Defind Build step

o Add build step > Execute shell

Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

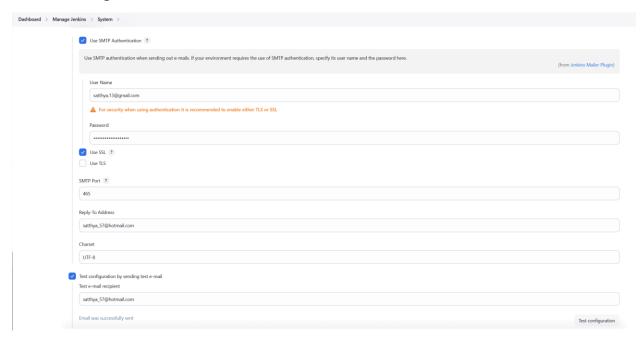
≡ Execute shell ?	×	
Command		
See the list of available environment variables		
bash hello-world.sh		
	Ŀ	
Advanced ∨		
Add huild step. Y		

Step5: Send Email Notifications

- Manage Jenkins > Plugin
- Install Email Extension Plugin



- Manage Jenkins > System
- Configure Email notification



- Jenkins project > Post-build Actions
- Select Email Notification



Step3: Output Result

