

## Git + Cloudshell

Go to github create a repo

Name: devops-lab

Add readme

And to authenticate github use tokens:

Setting- development settings- token classic

Name it

Add exp date

Add repo and workflow

Create and copy paste it

In aws cloudshell commands:

```
git config --global user.name "Your Name"
```

```
git config --global user.email you@example.com
```

```
git clone https://github.com/your-username/devops-lab.git
```

```
cd devops-lab
```

```
git checkout -b feature-hello-script
```

```
echo -e '#!/bin/bash\necho Hello from DevOps Lab!' > hello.sh
```

```
chmod +x hello.sh
```

```
git add hello.sh
```

```
git commit -m "Add hello script"
```

```
git push origin feature-hello-script
```

- Go to GitHub → Create a Pull Request (PR) → Merge

```
git checkout main
```

```
git pull origin main
```

```
mkdir -p .git/hooks
```

```
cat <<'EOF' > .git/hooks/pre-commit
```

```
#!/bin/bash
```

```
for file in $(git diff --cached --name-only); do
```

```
if [[ "$file" == *.sh && ! -x "$file" ]]; then
```

```
echo "$file is a shell script but not executable"
```

```
exit 1
```

```
fi
```

```
done
```

```
EOF
```

```
chmod +x .git/hooks/pre-commit
```

```
echo "echo This should fail" > test.sh
```

```
git add test.sh
```

```
git commit -m "Bad commit"
```