**ASSIGNMENT 9**

1. **Initialize a Git Repository**

mkdir gitflow-demo

cd gitflow-demo

git init

**2)Initialize git flow**

git flow init

**3)Start feature**

git flow feature start my-feature

**4)Start Release**

git flow release start v1.0.0

Make changes

git add .

git commit -m "Prepare release v1.0.0"

git flow release finish v1.0.0

**5)** **Start a Hotfix (urgent fix on production)**

git flow hotfix start fix-urgent

git add .

git commit -m "Hotfix applied"

git flow hotfix finish fix-urgent

**Simulated Git Flow Process**

1. **Initialize Git and Git Flow**

mkdir gitflow-demo

cd gitflow-demo

git init

git flow init

1. **Develop a Feature** git flow feature start login-page
2. **Create Release** git flow release start v1.0.0  
     
    echo "Version 1.0.0" > version.txt

git add version.txt

git commit -m "Set version to 1.0.0"

git flow release finish v1.0.0

**4)Create a HotFix**

git flow hotfix start fix-login-bug

Now you're on branch: hotfix/fix-login-bug

echo "Bug fixed" >> login.html

git add login.html

git commit -m "Fix login page bug"

git flow hotfix finish fix-login-bug

This will:

* Merge into main
* Tag new version (e.g., v1.0.1)
* Merge into develop