1. Git-HOL
   1. Create repository and default branch mkdir -p ~/Documents/GitMergeDemo cd ~/Documents/GitMergeDemo

git init

git branch -M main git status —porcelain

* 1. Create a working branch GitWork and add hello.xml git checkout -b GitWork

cat > hello.xml <<'EOF'

<root>

<message>Hello from GitWork branch</message>

</root> EOF

git add hello.xml

git commit -m "Add hello.xml on GitWork branch"

* 1. Edit hello.xml on GitWork and commit git add hello.xml

git commit -m "Update hello.xml on GitWork branch"

* 1. Attempt to switch to main

git checkout main

* 1. Created an orphan main and committed different content git checkout --orphan main

cat > hello.xml <<'EOF'

<root>

<message>Hello from main branch (different content)</message>

</root> EOF

git add hello.xml

git commit -m "Add hello.xml on main with different content"

* 1. Merge GitWork into main git merge GitWork
  2. Final status git status

