

Step 1 – Verify if master is in clean state

```
MINGW64:/c/Users/salma/GitDemo
salma@salмали_laptop MINGW64 ~/GitDemo (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 5 commits.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hello_BACKUP_1402.xml
        hello_BASE_1402.xml
        hello_LOCAL_1402.xml
        hello_REMOTE_1402.xml

nothing added to commit but untracked files present (use "git add" to track)

salma@salмали_laptop MINGW64 ~/GitDemo (master)
$ git add .

salma@salмали_laptop MINGW64 ~/GitDemo (master)
$ git commit -m "Save pending work before cleanup"
[master 446b73d] Save pending work before cleanup
4 files changed, 7 insertions(+)
create mode 100644 hello_BACKUP_1402.xml
create mode 100644 hello_BASE_1402.xml
create mode 100644 hello_LOCAL_1402.xml
create mode 100644 hello_REMOTE_1402.xml
```

Step 2 – List out all the available branches

```
salma@salмали_laptop MINGW64 ~/GitDemo (master)
$ git branch -a
* master
  remotes/origin/master
```

Step 3 – Pull the remote git repository to the master

```
salma@salмали_laptop MINGW64 ~/GitDemo (master)
$ git checkout master
Already on 'master'
Your branch is ahead of 'origin/master' by 6 commits.
(use "git push" to publish your local commits)

salma@salмали_laptop MINGW64 ~/GitDemo (master)
$ git pull origin master
From https://github.com/salmali922/GitDemo
 * branch          master      -> FETCH_HEAD
Already up to date.
```

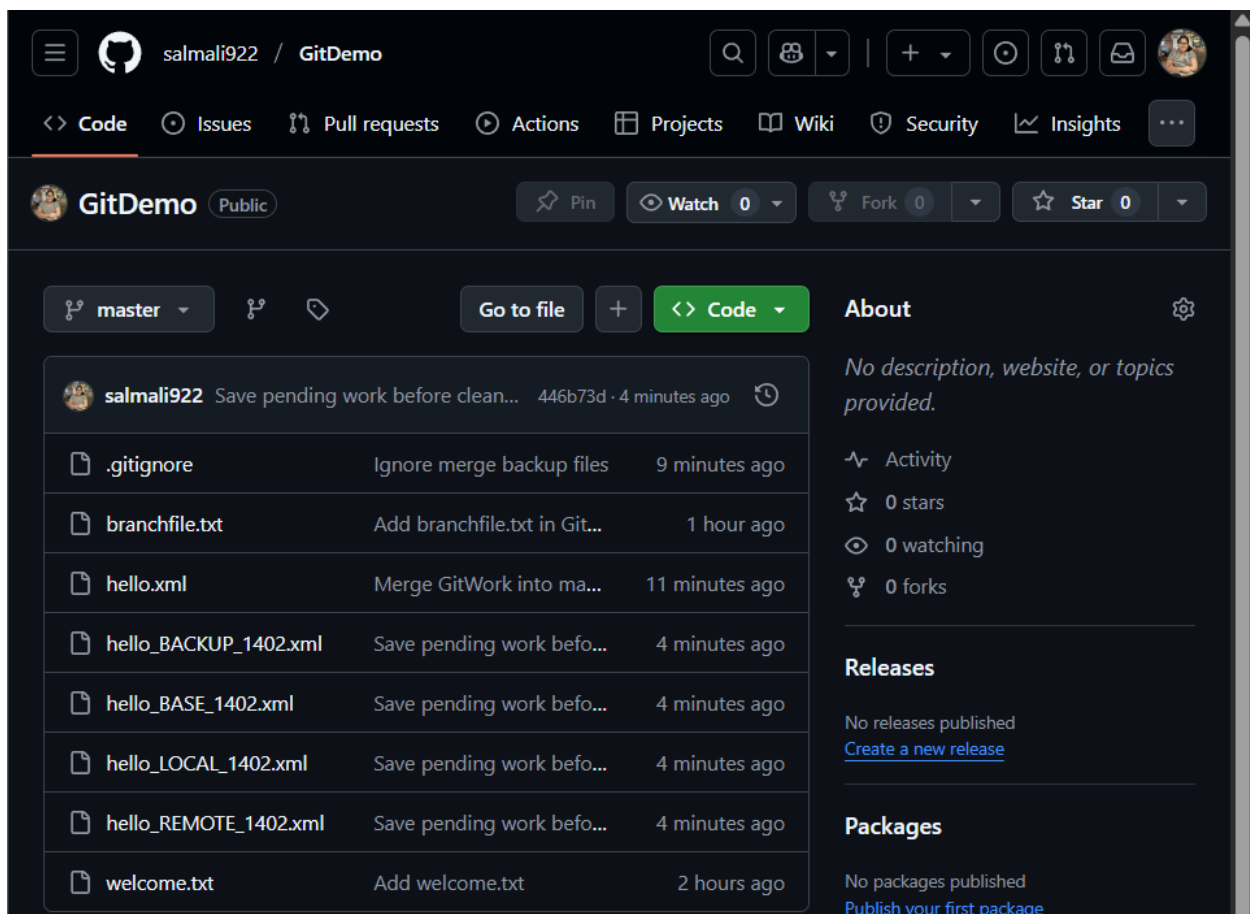
Step 4 – Push the changes from “Git-T03-HOL_002”

```

salmali@salmali_laptop MINGW64 ~/GitDemo (master)
$ git push origin master
Enumerating objects: 20, done.
Counting objects: 100% (20/20), done.
Delta compression using up to 16 threads
Compressing objects: 100% (15/15), done.
Writing objects: 100% (18/18), 1.84 KiB | 377.00 KiB/s, done.
Total 18 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (5/5), done.
To https://github.com/salmali922/GitDemo.git
 92f20d5..446b73d  master -> master

```

Step 5 – Verify if changes are reflected in remote repository



The screenshot shows the GitHub interface for the repository 'salmali922 / GitDemo'. The repository is public and has 0 stars, 0 forks, and 0 watchers. The main branch is 'master'. The file list shows the following files and their commit messages and times:

File	Commit Message	Time
.gitignore	Ignore merge backup files	9 minutes ago
branchfile.txt	Add branchfile.txt in Git...	1 hour ago
hello.xml	Merge GitWork into ma...	11 minutes ago
hello_BACKUP_1402.xml	Save pending work befo...	4 minutes ago
hello_BASE_1402.xml	Save pending work befo...	4 minutes ago
hello_LOCAL_1402.xml	Save pending work befo...	4 minutes ago
hello_REMOTE_1402.xml	Save pending work befo...	4 minutes ago
welcome.txt	Add welcome.txt	2 hours ago

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