

1.GIT_HOL

Week 8 1.GIT_HOL

```
MINGW64:/c/Users/sujit/GitDemo

Maddipatla Sujitha@Sujitha MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Sujitha
user.email=sujithamaddipatla@gmail.com
core.editor=notepad++ -multiInst -notabbar -nosession -noPlugin

Maddipatla Sujitha@Sujitha MINGW64 ~
$ git config --global core.editor "notepad++ -multiInst -nosession"

Maddipatla Sujitha@Sujitha MINGW64 ~
$ git config --global -e

Maddipatla Sujitha@Sujitha MINGW64 ~
$ echo "Welcome to Git Hands on" > welcome.txt

Maddipatla Sujitha@Sujitha MINGW64 ~
$ cat welcome.txt
Welcome to Git Hands on

Maddipatla Sujitha@Sujitha MINGW64 ~
$ git status
fatal: not a git repository (or any of the parent directories): .git

Maddipatla Sujitha@Sujitha MINGW64 ~
$ git add welcome.txt
fatal: not a git repository (or any of the parent directories): .git

Maddipatla Sujitha@Sujitha MINGW64 ~
$ mkdir GitDemo
mkdir: cannot create directory 'GitDemo': File exists

Maddipatla Sujitha@Sujitha MINGW64 ~
$ mkdir GitDemo
```

MINGW64:/c/Users/sujit/GitDemo

```
Maddipatla Sujitha@Sujitha MINGW64 ~
$ cd GitDemo

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo
$ git init
Initialized empty Git repository in C:/Users/sujit/GitDemo/.git/

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ echo "Welcome to Git Hands on" > welcome.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    welcome.txt

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

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the n
ext time Git touches it

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git add welcome.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git commit -m "Initial commit with welcome file"
[master (root-commit) 26167f6] Initial commit with welcome file
 1 file changed, 1 insertion(+)
 create mode 100644 welcome.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git remote add origin https://gitlab.com/sujithamaddipatla1/Cognizant_DeepSkil
ling_Git/-/learn_gitlab

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git push -u origin master
fatal: unable to access 'https://gitlab.com/sujithamaddipatla1/Cognizant_DeepSkil
ling_Git/-/learn_gitlab/': The requested URL returned error: 403
```

MINGW64:/c/Users/sujit/GitDemo

```
Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git remote -v
origin https://gitlab.com/sujithamaddipatla1/Cognizant_DeepSkillling_Git/-/learn
_gitlab (fetch)
origin https://gitlab.com/sujithamaddipatla1/Cognizant_DeepSkillling_Git/-/learn
_gitlab (push)

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git remote remove origin

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ cd existing_repo
bash: cd: existing_repo: No such file or directory

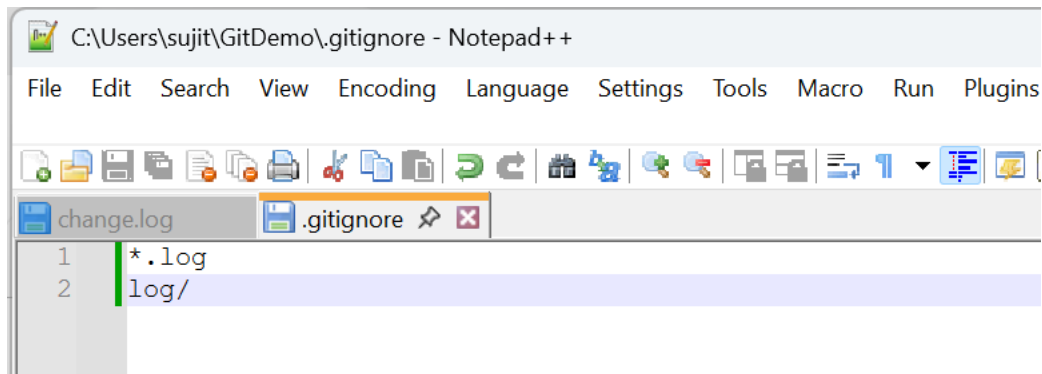
Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git remote add origin https://gitlab.com/sujithamaddipatla1/gitdemoo.git

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 254 bytes | 254.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: The private project sujithamaddipatla1/gitdemoo was successfully created
.
remote:
remote: To configure the remote, run:
remote:   git remote add origin https://gitlab.com/sujithamaddipatla1/gitdemoo.g
it
remote:
remote: To view the project, visit:
remote:   https://gitlab.com/sujithamaddipatla1/gitdemoo
remote:
remote:
remote:
To https://gitlab.com/sujithamaddipatla1/gitdemoo.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git push -u origin master
branch 'master' set up to track 'origin/master'.
Everything up-to-date
```

2.GIT_HOL

Week 8 2.GIT HOL



```
MINGW64:/c/Users/sujit/GitDemo
Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ echo "This ia a log file" > debug.log

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ mkdir log

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ echo "Log entry" > log/error.log

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ notepad++ .gitignore

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

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

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git add .gitignore

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git commit -m "Add .gitignore to exclude .log files and log folder"
[master 6aec7f5] Add .gitignore to exclude .log files and log folder
1 file changed, 2 insertions(+)
create mode 100644 .gitignore

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 317 bytes | 317.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/sujithamaddipatla1/gitdemoo.git
26167f6..6aec7f5 master -> master
```

3.GIT_HOL

Week 8 3.GIT_HOL

MINGW64:/c/Users/sujit/GitDemo

```
Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git branch GitNewBranch

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git branch -a
  GitNewBranch
* master
  remotes/origin/master

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git checkout GitNewBranch
Switched to branch 'GitNewBranch'

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitNewBranch)
$ echo "this file is for the GitNewBranch" > branchfilr.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitNewBranch)
$ echo "this file is for the GitNewBranch" > branchfile.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitNewBranch)
$ git add branchfile.txt
warning: in the working copy of 'branchfile.txt', LF will be replaced by
CRLF the next time Git touches it

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitNewBranch)
$ git commit -m "Add branchfile.txt in GitNewBranch"
[GitNewBranch 27f4d38] Add branchfile.txt in GitNewBranch
 1 file changed, 1 insertion(+)
 create mode 100644 branchfile.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitNewBranch)
$ git status
On branch GitNewBranch
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  branchfilr.txt
```

```

MINGW64:/c/Users/sujit/GitDemo
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git diff master GitNewBranch
diff --git a/branchfile.txt b/branchfile.txt
new file mode 100644
index 0000000..74a2ea8
--- /dev/null
+++ b/branchfile.txt
@@ -0,0 +1 @@
+this file is for the GitNewBranch


Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git merge GitNewBranch
Updating 6aec7f5..27f4d38
Fast-forward
 branchfile.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 branchfile.txt

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git log --oneline --graph --decorate
* 27f4d38 (HEAD -> master, GitNewBranch) Add branchfile.txt in GitNewBranch
* 6aec7f5 (origin/master) Add .gitignore to exclude .log files and log folder
* 26167f6 Initial commit with welcome file


Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git branch -d GitNewBranch
Deleted branch GitNewBranch (was 27f4d38).

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 368 bytes | 368.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/sujithamaddipatla1/gitdemoo.git
 6aec7f5..27f4d38 master -> master




```


gitdemoo
Free

master
gitdemoo
+
Find file
Code

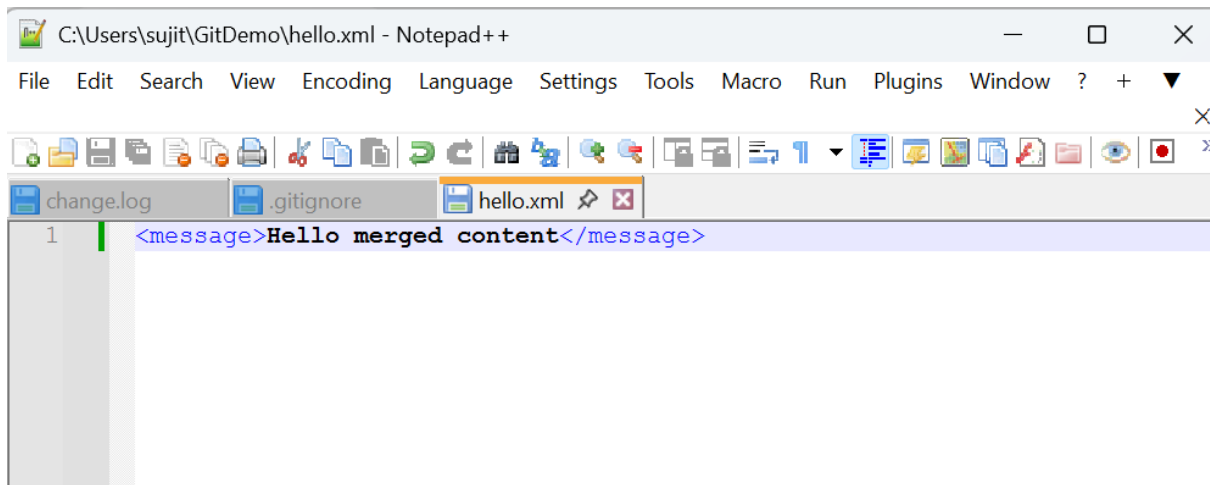

Add branchfile.txt in GitNewBranch
27f4d380
History

Sujitha Maddipatla authored 8 minutes ago

Name	Last commit	Last update
 .gitignore	Add .gitignore to exclude ...	15 minutes ago
 branchfile.txt	Add branchfile.txt in GitN...	8 minutes ago
 welcome.txt	Initial commit with welco...	38 minutes ago

4.GIT_HOL

Week 8 4.Git HOL



```
MINGW64:/c/Users/sujit/GitDemo

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git branch GitWork

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git checkout GitWork
Switched to branch 'GitWork'

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitWork)
$ echo "<message>Hello from branch</message>" > hello.xml

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitWork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF
the next time Git touches it

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitWork)
$ git commit -m
error: switch `m` requires a value

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitWork)
$ git commit -m "Add hello.xml in GitWork branch"
[GitWork aa7299d] Add hello.xml in GitWork branch
1 file changed, 1 insertion(+)
create mode 100644 hello.xml

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (GitWork)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ echo "<message>Hello from master</message>" > hello.xml

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF
the next time Git touches it

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git commit -m "Add hello.xml in master branch"
[master 789e666] Add hello.xml in master branch
1 file changed, 1 insertion(+)
create mode 100644 hello.xml
```

```

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git log --oneline --graph --decorate --all
* 789e666 (HEAD -> master) Add hello.xml in master branch
| * aa7299d (GitWork) Add hello.xml in GitWork branch
|/
* 27f4d38 (origin/master) Add branchfile.txt in GitNewBranch
* 6aec7f5 Add .gitignore to exclude .log files and log folder
* 26167f6 Initial commit with welcome file

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git diff master GitWork
diff --git a/hello.xml b/hello.xml
index b9ba826..70ee07a 100644
--- a/hello.xml
+++ b/hello.xml
@@ -1,1 @@
- <message>Hello from master</message>
+ <message>Hello from branch</message>

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git merge GitWork
Auto-merging hello.xml
CONFLICT (add/add): Merge conflict in hello.xml
Automatic merge failed; fix conflicts and then commit the result.

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master|MERGING)
$ notepad++ hello.xml

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master|MERGING)
$ git add hello.xml

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master|MERGING)
$ git commit -m "Resolve merge conflict in hello.xml"
[master 95ad8f4] Resolve merge conflict in hello.xml

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ echo "/*.orig" >> .gitignore

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git add .gitignore
warning: in the working copy of '.gitignore', LF will be replaced by CRLF
the next time Git touches it

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git commit -m "Ignore backup files"
[master 660673d] Ignore backup files
1 file changed, 1 insertion(+), 1 deletion(-)

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git branch -d GitWork
Deleted branch GitWork (was aa7299d).

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git log --oneline --graph --decorate
* 660673d (HEAD -> master) Ignore backup files
* 95ad8f4 Resolve merge conflict in hello.xml
| \
| * aa7299d Add hello.xml in GitWork branch
* | 789e666 Add hello.xml in master branch
|/
* 27f4d38 (origin/master) Add branchfile.txt in GitNewBranch
* 6aec7f5 Add .gitignore to exclude .log files and log folder
* 26167f6 Initial commit with welcome file

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$

```



5.GIT_HOL


Week 8 5.GIT_HOL

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


Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git pull origin master
From https://gitlab.com/sujithamaddipatla1/gitdemoo
 * branch                master       -> FETCH_HEAD
Already up to date.

Maddipatla Sujitha@Sujitha MINGW64 ~/GitDemo (master)
$ git push origin master
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (12/12), 1.17 KiB | 239.00 KiB/s, done.
Total 12 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/sujithamaddipatla1/gitdemoo.git
 27f4d38..660673d  master -> master
```

 **gitdemoo**  Free

 master ▾


gitdemoo


 ▾

Find file





Code ▾

⋮

 **Ignore backup files**
Sujitha Maddipatla authored 8 minutes ago

660673d3 

History

Name	Last commit	Last update
 .gitignore	Ignore backup files	8 minutes ago
 branchfile.txt	Add branchfile.txt in GitN...	28 minutes ago
 hello.xml	Resolve merge conflict in...	9 minutes ago
 welcome.txt	Initial commit with welco...	58 minutes ago