

Git Assignment

Exercise 1

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git init
Initialized empty Git repository in C:/Users/JAGRUTI/Desktop/GitAssignments/.git
/

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add index.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit-m "Initial Message"
git: 'commit-m' is not a git command. See 'git --help'.

The most similar command is
    commit-tree
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   index.html

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

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   index.html

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ |
```

Exercise 2

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd Git Assignment
bash: cd: too many arguments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ ^C
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git init
Reinitialized existing Git repository in C:/Users/JAGRUTI/Desktop/GitAssignments/.git/
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ touch index.html about.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add about.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   about.html
        new file:   index.html

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "about.html added"
[master (root-commit) bff3925] about.html added
2 files changed, 1 insertion(+)
create mode 100644 about.html
create mode 100644 index.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ |
```

Exercise 3

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cd git init
bash: cd: too many arguments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git init
Reinitialized existing Git repository in C:/Users/JAGRUTI/Desktop/GitAssignments/.git/
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is index file" >> index.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "adding index.html"
[master 6b54ac1] adding index.html
1 file changed, 1 insertion(+), 1 deletion(-)
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is about file" > about.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   about.html

no changes added to commit (use "git add" and/or "git commit -a")
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit --amend -m "Adding index.html and about.html"
[master df47566] Adding index.html and about.html
Date: Thu Apr 15 18:40:39 2021 -0400
1 file changed, 1 insertion(+), 1 deletion(-)
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ |
```

Exercise 4

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cd git init
bash: cd: too many arguments
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git init
Reinitialized existing Git repository in C:/Users/JAGRUTI/Desktop/GitAssignments/.git/
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ touch .gitignore
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ la -a
bash: la: command not found
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is exe file" >> test.exe
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is o file" >> test1.o
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is jar file" >> test2.jar
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ ls
test.exe*  test1.o  test2.jar
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cat .gitignore
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo '*.exe' > .gitignore
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cat .gitignore
*.exe
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ ^C
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo '*.o' > .gitignore
```

Exercise 5

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cd git init
bash: cd: too many arguments

MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
Author: jagruti756 <78331971+jagruti756@users.noreply.github.com>
Date: Thu Apr 15 18:40:39 2021 -0400

    Adding index.html and about.html

commit bff3925507bff2e0710dce3f1e85afdf753cc7e
Author: jagruti756 <78331971+jagruti756@users.noreply.github.com>
Date: Thu Apr 15 18:27:19 2021 -0400

    about.html added

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git stash
Saved working directory and index state WIP on master: ea2f188 Added index file
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git stash apply
Removing about.html
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    about.html

no changes added to commit (use "git add" and/or "git commit -a")
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git stash list
stash@{0}: WIP on master: ea2f188 Added index file
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git stash apply1
fatal: unknown subcommand: apply1

usage: git stash list [<options>]
or: git stash show [<options>] [<stash>]
or: git stash drop [-q|--quiet] [<stash>]
or: git stash ( pop | apply ) [--index] [-q|--quiet] [<stash>]
or: git stash branch <branchname> [<stash>]
or: git stash clear
or: git stash [push [-p|--patch] [-k|--[no-]keep-index] [-q|--quiet]
    [-u|--include-untracked] [-a|--all] [-m|--message <message>]
    [--pathspec-from-file=<file> [--pathspec-file-null]
    [--] [<pathspec>...]]
or: git stash save [-p|--patch] [-k|--[no-]keep-index] [-q|--quiet]
```

Exercise 6

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cd git init
bash: cd: too many arguments

MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ ls
about.html  index.html

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add
warning: LF will be replaced by CRLF in about.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "adding both files"
On branch master
nothing to commit, working tree clean

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is about2 file" >> about2.html

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add
warning: LF will be replaced by CRLF in about2.html.
The file will have its original line endings in your working directory

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "adding about2 file"
[master 8ddadaf] adding about2 file
1 file changed, 1 insertion(+)
create mode 100644 about2.html

JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git reset --soft HEAD
```

Exercise 7

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cd git init
bash: cd: too many arguments

MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git init
Reinitialized existing Git repository in C:/Users/JAGRUTI/Desktop/GitAssignments/.git/
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is 1st file" >> first.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add first.html
warning: LF will be replaced by CRLF in first.html.
The file will have its original line endings in your working directory
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "second file"
[master beb1f35] second file
2 files changed, 2 insertions(+)
create mode 100644 about2.html
create mode 100644 first.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git log
commit beb1f3537fdce530c7fb07db7f449f391e9fea21 (HEAD -> master)
Author: jagruti756 <78331971+jagruti756@users.noreply.github.com>
Date: Thu Apr 15 20:31:31 2021 -0400

    second file

commit 0ed2c845639ac506f9dac6ba489ad781345d4ec7
Author: jagruti756 <78331971+jagruti756@users.noreply.github.com>
Date: Thu Apr 15 20:16:58 2021 -0400

    adding index and about file

commit ea2f188b56f7edff05d88bd51b97c5ec2220f725
Author: jagruti756 <78331971+jagruti756@users.noreply.github.com>
Date: Thu Apr 15 20:06:47 2021 -0400

    Added index file

commit df475660eafcec56f922ded12a23d6c18b4a6d81
Author: jagruti756 <78331971+jagruti756@users.noreply.github.com>
Date: Thu Apr 15 18:40:39 2021 -0400

    Adding index.html and about.html
```

Exercise 8

```
MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~ (master)
$ cd desktop
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop (master)
$ cd GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ cd git init
bash: cd: too many arguments

MINGW64/c/Users/JAGRUTI/desktop/GitAssignments
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "index file"
[master dcc877f] index file
2 files changed, 1 insertion(+), 2 deletions(-)
delete mode 100644 about.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git brach my-feature
git: 'brach' is not a git command. See 'git --help'.

The most similar command is
    branch
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git branch my-feature
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git branch
* master
  my-feature
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ echo "this is about file" >> about.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git add .
warning: LF will be replaced by CRLF in about.html.
The file will have its original line endings in your working directory
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git commit -m "about-us.html"
[master 5120749] about-us.html
1 file changed, 1 insertion(+)
create mode 100644 about.html
JAGRUTI@DESKTOP-4E7JER8 MINGW64 ~/desktop/GitAssignments (master)
$ git checkout master
```