

Part A (1-3): Performed these steps on my laptop.

Part A (4):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git init
Initialized empty Git repository in /Users/MKarim/Desktop/g498m939/.git/
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$

Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git status
On branch master

No commits yet

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

    01 - Leap Years and Pangrams.ipynb

nothing added to commit but untracked files present (use "git add" to track)
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git add .
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit
Aborting commit due to empty commit message.
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "first commit"
[master (root-commit) d5bdfd0] first commit
Committer: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
```

Part B (5-7):

```
git config --global user.name "Your Name"
git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 148 insertions(+)
create mode 100644 01 - Leap Years and Pangrams.ipynb
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git add .
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "first commit"
On branch master
nothing to commit, working tree clean
```

Part C (8-10): Created on GitHub and pushed local to git.

Part D (11-12):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ cd
[Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Deskto
-bash: cd: Deskto: No such file or directory
[Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Desktop
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ git clone https://github.com/mtkarim/g498m939.git
fatal: destination path 'g498m939' already exists and is not an empty directory.
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ git clone https://github.com/mtkarim/g498m939.git g498m939-2
Cloning into 'g498m939-2'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m939
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git remote -v
origin https://github.com/mtkarim/g498m939.git (fetch)
origin https://github.com/mtkarim/g498m939.git (push)

[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```

Part E (13):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ vim leapPangrams.ipynb
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git add .
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "added a comment"
[master 9f10bda] added a comment
Committer: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 2 insertions(+)
rename 01 - Leap Years and Pangrams.ipynb => leapPangrams.ipynb (98%)
```

Part E (13-cont.):

```
nothing to commit, working tree clean
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git config --global user.name "Mub]
asshir"
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git config --global user.email mu]
basshirkarim96@gmail.com
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "second commit" ]
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin master ]
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 1.74 KiB | 1.74 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/mtkarim/g498m939.git
d5bdfd0..9f10bda master -> master
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git log ]
```

Part E (14):

```
commit 9f10bda9e95898deba4416c5b3013083cd84b619 (HEAD -> master, origin/master)
Author: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Date: Thu Mar 28 16:44:55 2019 -0500

    added a comment

commit d5bdfd02a98c39d3c4dfc8306ddf21ca302d5aec
Author: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Date: Thu Mar 28 16:24:33 2019 -0500

    first commit
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$
```

Part E (15-18):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ cd
[Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Desktop
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m939-2
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git pull origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
From https://github.com/mtkarim/g498m939
 * branch          master      -> FETCH_HEAD
   d5bdfd0..9f10bda master      -> origin/master
Updating d5bdfd0..9f10bda
error: The following untracked working tree files would be overwritten by merge:
    leapPangrams.ipynb
Please move or remove them before you merge.
Aborting
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git status
On branch master
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git pull" to update your local branch)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:    01 - Leap Years and Pangrams.ipynb

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

        leapPangrams.ipynb

no changes added to commit (use "git add" and/or "git commit -a")
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git add .
Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git commit -m "changed file name
"
[master 0ca1502] changed file name
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename 01 - Leap Years and Pangrams.ipynb => leapPangrams.ipynb (100%)
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git push origin master
To https://github.com/mtkarim/g498m939.git
 ! [rejected]        master -> master (non-fast-forward)
error: failed to push some refs to 'https://github.com/mtkarim/g498m939.git'
```

Part E (15-18-cont.):

```
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git pull origin master
From https://github.com/mtkarim/g498m939
 * branch          master      -> FETCH_HEAD
Merge made by the 'recursive' strategy.
 leapPangrams.ipynb | 2 ++
 1 file changed, 2 insertions(+)
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 464 bytes | 464.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/mtkarim/g498m939.git
 9f10bda..56c777e  master -> master
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ cd Desktop
-bash: cd: Desktop: No such file or directory
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ cd
[Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Desktop
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m939
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ vim leapPangrams.ipynb
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git add .
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "changed file name and added comment."
[master 5fcc16c] changed file name and added comment.
 2 files changed, 1 insertion(+)
 create mode 100644 .DS_Store
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin master
To https://github.com/mtkarim/g498m939.git
 ! [rejected]          master -> master (fetch first)
error: failed to push some refs to 'https://github.com/mtkarim/g498m939.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git pull origin master
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
From https://github.com/mtkarim/g498m939
 * branch          master      -> FETCH_HEAD
```

Part E (15-18-cont.):

```
9f10bda..56c777e master -> origin/master
Already up to date!
Merge made by the 'recursive' strategy.
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin master
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 2 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 790 bytes | 263.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/mtkarim/g498m939.git
56c777e..3f3edee master -> master
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ cd
Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Desktop
Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m939-2
Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git pull origin master
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 2), reused 5 (delta 2), pack-reused 0
Unpacking objects: 100% (5/5), done.
From https://github.com/mtkarim/g498m939
* branch master -> FETCH_HEAD
56c777e..3f3edee master -> origin/master
Updating 56c777e..3f3edee
Fast-forward
 .DS_Store | Bin 0 -> 6148 bytes
 leapPangrams.ipynb | 1 +
 2 files changed, 1 insertion(+)
 create mode 100644 .DS_Store
Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git log
commit 3f3edee6c65dd29d91912ca58f13d04652358609 (HEAD -> master, origin/master, origin/HEAD)
Merge: 5fcc16c 56c777e
Author: Mubasshir <mubassshirkarim96@gmail.com>
Date: Thu Mar 28 17:15:26 2019 -0500

    Merge branch 'master' of https://github.com/mtkarim/g498m939

commit 5fcc16cfa8d8e68dfa364042034dd24cd3fddb57
Author: Mubasshir <mubassshirkarim96@gmail.com>
Date: Thu Mar 28 17:15:13 2019 -0500

    changed file name and added comment.

commit 56c777edb7e464a0f2219d6ac3220d69ebe9268d
Merge: 0ca1502 9f10bda

commit 56c777edb7e464a0f2219d6ac3220d69ebe9268d
Merge: 0ca1502 9f10bda
Author: Mubasshir <mubassshirkarim96@gmail.com>
Date: Thu Mar 28 17:13:29 2019 -0500

    Merge branch 'master' of https://github.com/mtkarim/g498m939

commit 0ca1502704eff2532212d6378af10965538df67e
Author: Mubasshir <mubassshirkarim96@gmail.com>
```


Part E (15-18-cont.):

```
Merge: 0ca1502 9f10bda
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:13:29 2019 -0500

Merge branch 'master' of https://github.com/mtkarim/g498m939

commit 0ca1502704eff2532212d6378af10965538df67e
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:13:17 2019 -0500

changed file name

commit 9f10bda9e95898deba4416c5b3013083cd84b619
Author: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Date: Thu Mar 28 16:44:55 2019 -0500

added a comment

commit d5bdfd02a98c39d3c4dfc8306ddf21ca302d5aec
Author: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Date: Thu Mar 28 16:24:33 2019 -0500

first commit
```

Part F (19-21):

```
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ cd ]
[Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Desktop ]
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m39 ]
-bash: cd: g498m39: No such file or directory
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m939 ]
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git branch new_feature ]
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ cd new_feature ]
-bash: cd: new_feature: No such file or directory
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git checkout new_feature ]
Switched to branch 'new_feature'
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ vim new.hs ]
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git add new.hs ]
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "created a new file"
[new_feature 3902ad7] created a new file
1 file changed, 1 insertion(+)
create mode 100644 new.hs
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin new_feature ]
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 360 bytes | 360.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
```

Part F (19-21-cont.):

```
remote:
remote: Create a pull request for 'new_feature' on GitHub by visiting:
remote:   https://github.com/mtkarim/g498m939/pull/new/new_feature
remote:
To https://github.com/mtkarim/g498m939.git
* [new branch]      new_feature -> new_feature
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ vim square.hs ]
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git add square.hs ]
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git commit -m "square program" ]
[new_feature 9a42fa7] square program
1 file changed, 1 insertion(+)
create mode 100644 square.hs
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin new_feature ]
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 288 bytes | 288.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/mtkarim/g498m939.git
3902ad7..9a42fa7  new_feature -> new_feature
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git log ]
commit 9a42fa7070190266a89d112ed61da803fc74f2f8 (HEAD -> new_feature, origin/new
```

Part F (22):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git log ]
commit 9a42fa7070190266a89d112ed61da803fc74f2f8 (HEAD -> new_feature, origin/new
_feature)
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:31:50 2019 -0500

    square program

commit 3902ad7ac9a48f2728b0927ffd9fa2de6b303de3
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:28:08 2019 -0500

    created a new file

commit 3f3edee6c65dd29d91912ca58f13d04652358609 (origin/master, master)
Merge: 5fcc16c 56c777e
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:15:26 2019 -0500

    Merge branch 'master' of https://github.com/mtkarim/g498m939

commit 5fcc16cfa8d8e68dfa364042034dd24cd3fddb57
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:15:13 2019 -0500
```


Part F (23-25):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git merge new_feature
Already up to date.
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin master
Everything up-to-date
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git branch -d new_feature
error: The branch 'new_feature' is not fully merged.
If you are sure you want to delete it, run 'git branch -D new_feature'.
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git checkout master
Already on 'master'
Your branch is up to date with 'origin/master'.
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git pull origin master
From https://github.com/mtkarim/g498m939
 * branch          master      -> FETCH_HEAD
Already up to date.
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git merge new_feature
Updating 3f3edee..9a42fa7
Fast-forward
 new.hs      | 1 +
 square.hs  | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 new.hs
 create mode 100644 square.hs
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git push origin master
Total 0 (delta 0), reused 0 (delta 0)
To https://github.com/mtkarim/g498m939.git
 3f3edee..9a42fa7 master -> master
Mubasshir-Karims-MacBook-Air:g498m939 MKarim$
```

Part F (25)/Part G (26-27):

```
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ git branch -d new_feature
Deleted branch new_feature (was 9a42fa7).
[Mubasshir-Karims-MacBook-Air:g498m939 MKarim$ cd
[Mubasshir-Karims-MacBook-Air:~ MKarim$ cd Desktop
[Mubasshir-Karims-MacBook-Air:Desktop MKarim$ cd g498m939-2
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git branch new_hostfix
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git checkout new_hostfix
Switched to branch 'new_hostfix'
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ vim triple.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git add triple.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git commit -m "triple program"
[new_hostfix f7066eb] triple program
 1 file changed, 1 insertion(+)
 create mode 100644 triple.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git push origin new_hostfix
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 2 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (17/17), 3.29 KiB | 1.09 MiB/s, done.
Total 17 (delta 5), reused 0 (delta 0)
remote: Resolving deltas: 100% (5/5), done.
remote:
```

Part G (28-30):

```
remote: Create a pull request for 'new_hostfix' on GitHub by visiting:
remote:   https://github.com/mtkarim/g498m939/pull/new/new_hostfix
remote:
To https://github.com/mtkarim/g498m939.git
 * [new branch]      new_hostfix -> new_hostfix
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ vim cubed.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git add cubed.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git commit -m "cube program"
[new_hostfix 542c387] cube program
1 file changed, 1 insertion(+)
create mode 100644 cubed.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git push origin new_hostfix
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 365 bytes | 365.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/mtkarim/g498m939.git
 f7066eb..542c387 new_hostfix -> new_hostfix
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git log
commit 542c3878c9e9dc05394b5df59f776c4bacdf333a (HEAD -> new_hostfix, origin/new_hostfix)
Author: Mubasshir <mubasshirkarim96@gmail.com>

    cube program

commit f7066eb4d8412481e15da80be1825d0e6f4b64c8
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date:   Thu Mar 28 18:00:16 2019 -0500

    triple program

commit 3f3edee6c65dd29d91912ca58f13d04652358609 (origin/master, origin/HEAD, master)
Merge: 5fcc16c 56c777e
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date:   Thu Mar 28 17:15:26 2019 -0500

    Merge branch 'master' of https://github.com/mtkarim/g498m939
```

Part G (30):

```
commit 5fcc16cfa8d8e68dfa364042034dd24cd3fddb57
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:15:13 2019 -0500
```

changed file name and added comment.

```
commit 56c777edb7e464a0f2219d6ac3220d69ebe9268d
Merge: 0ca1502 9f10bda
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:13:29 2019 -0500
```

Merge branch 'master' of <https://github.com/mtkarim/g498m939>

```
commit 0ca1502704eff2532212d6378af10965538df67e
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:13:17 2019 -0500
```

changed file name

```
commit 9f10bda9e95898deba4416c5b3013083cd84b619
commit 9f10bda9e95898deba4416c5b3013083cd84b619
Author: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Date: Thu Mar 28 16:44:55 2019 -0500
```

added a comment

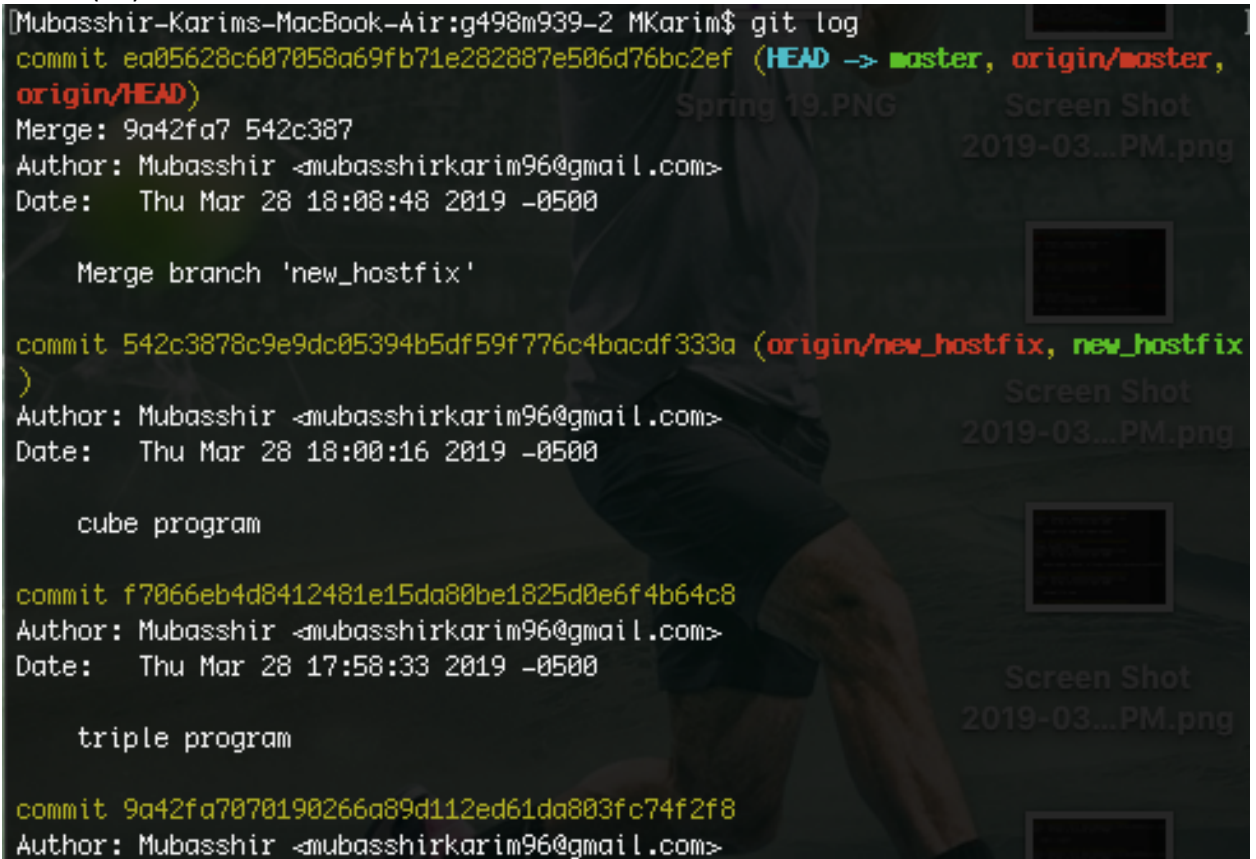
```
commit d5bdfd02a98c39d3c4dfc8306ddf21ca302d5aec
Author: Mubasshir Karim <MKarim@Mubasshir-Karims-MacBook-Air.local>
Date: Thu Mar 28 16:24:33 2019 -0500
```

first commit

Part G (30-31):

```
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git commit -m "added two new files"]
On branch new_hostfix
nothing to commit, working tree clean
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git push origin master]
To https://github.com/mtkarim/g498m939.git
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/mtkarim/g498m939.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git checkout master]
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git pull origin master]
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 1), reused 6 (delta 1), pack-reused 0
Unpacking objects: 100% (6/6), done.
From https://github.com/mtkarim/g498m939
 * branch                master      -> FETCH_HEAD
   3f3edee..9a42fa7      master      -> origin/master
Updating 3f3edee..9a42fa7
Fast-forward
 new.hs      | 1 +
 square.hs  | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 new.hs
 create mode 100644 square.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git merge new_hostfix]
Merge made by the 'recursive' strategy.
 cubed.hs   | 1 +
 triple.hs  | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 cubed.hs
 create mode 100644 triple.hs
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git push origin master]
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 337 bytes | 337.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
```

Part G (32):



```
[Mubasshir-Karims-MacBook-Air:g498m939-2 MKarim$ git log
commit ea05628c607058a69fb71e282887e506d76bc2ef (HEAD -> master, origin/master,
origin/HEAD)
Merge: 9a42fa7 542c387
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 18:08:48 2019 -0500

    Merge branch 'new_hostfix'

commit 542c3878c9e9dc05394b5df59f776c4bacdf333a (origin/new_hostfix, new_hostfix
)
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 18:00:16 2019 -0500

    cube program

commit f7066eb4d8412481e15da80be1825d0e6f4b64c8
Author: Mubasshir <mubasshirkarim96@gmail.com>
Date: Thu Mar 28 17:58:33 2019 -0500

    triple program

commit 9a42fa7070190266a89d112ed61da803fc74f2f8
Author: Mubasshir <mubasshirkarim96@gmail.com>
```

The image is a terminal window screenshot showing the output of a 'git log' command. The output lists four commits in reverse chronological order. The first commit is a merge of branch 'new_hostfix' into 'master', with commit hash 'ea05628c607058a69fb71e282887e506d76bc2ef'. The second commit is '542c3878c9e9dc05394b5df59f776c4bacdf333a', which added a 'cube program'. The third commit is 'f7066eb4d8412481e15da80be1825d0e6f4b64c8', which added a 'triple program'. The fourth commit is '9a42fa7070190266a89d112ed61da803fc74f2f8'. The author for all commits is 'Mubasshir <mubasshirkarim96@gmail.com>'. The date for all commits is 'Thu Mar 28 2019 -0500'. The terminal background is dark with light-colored text. There are some faint, semi-transparent text overlays on the right side of the image, including 'Spring 19.PNG', 'Screen Shot 2019-03...PM.png', and 'Screen Shot 2019-03...PM.png'.

GitHub repository: <https://github.com/mtkarim/g498m939>