

Git hub repo link:- https://github.com/1810Nikita/GiT_ASSIGNMENT_PI.git

Assignment:

1. You need to create five different files in your git repository and commit them in separate commits (i.e. there will be five commits). And you have to push these files to the **master** branch.

(2 points)

1.txt

Do or do not, there is no try.

2.txt

Keep your friends close, but your enemies closer.

3.txt

Get busy living, or get busy dying.

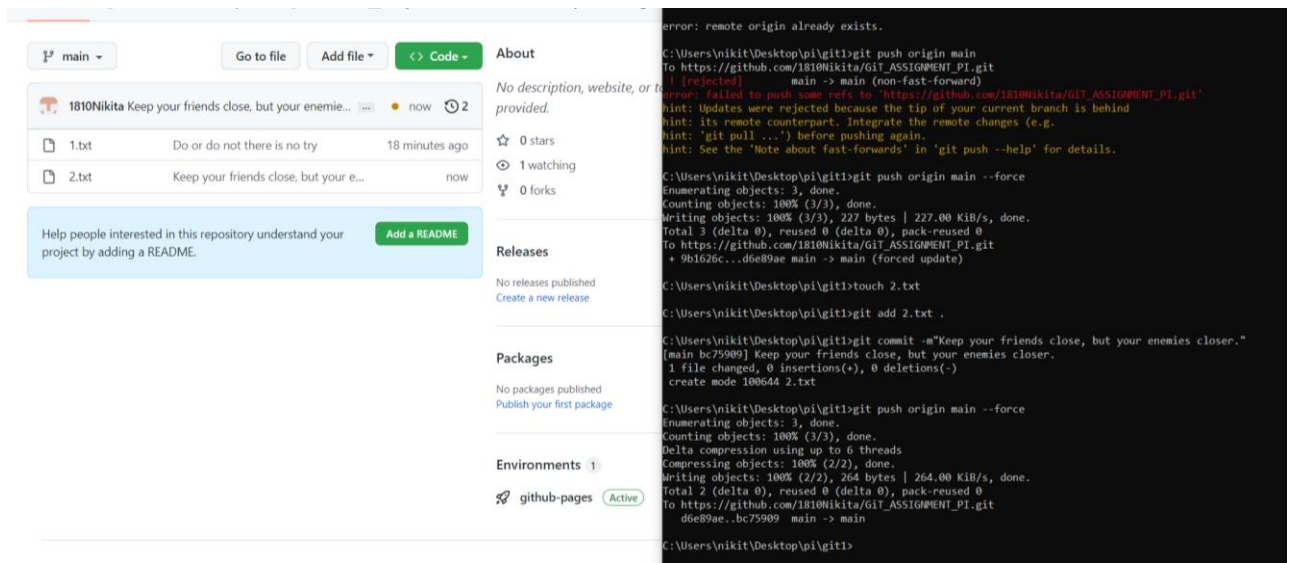
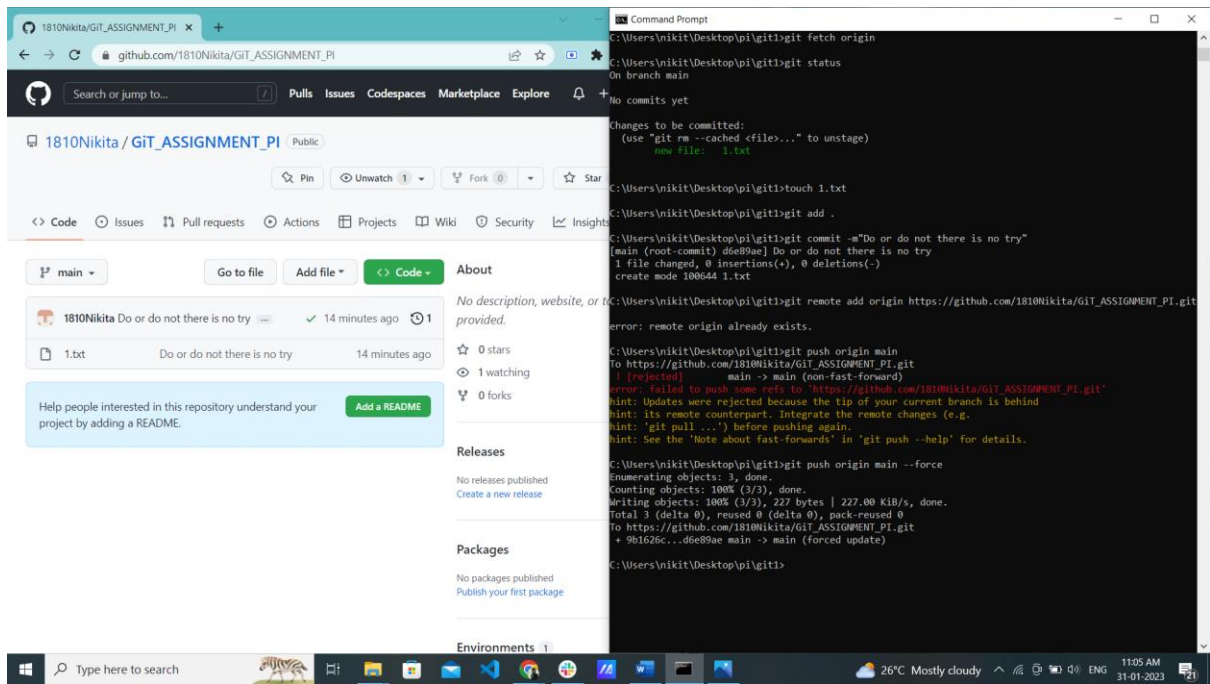
4.txt

It's not who I am underneath, but what I do that defines me.

5.txt

I find your lack of faith disturbing.

Sol:-



Command Prompt

```
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 264 bytes | 264.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
   d6e89ae..bc75909  main -> main

C:\Users\nikit\Desktop\pi\git1>touch 3.txt

C:\Users\nikit\Desktop\pi\git1>git add 3.txt .

C:\Users\nikit\Desktop\pi\git1>git commit -m"Get busy living, or get busy dying."
git: 'commit' is not a git command. See 'git --help'.

The most similar command is
    commit

C:\Users\nikit\Desktop\pi\git1>git commit -m"Get busy living, or get busy dying."
[main 2c70e00] Get busy living, or get busy dying.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 3.txt

C:\Users\nikit\Desktop\pi\git1>git push origin main --force
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 263 bytes | 263.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
   bc75909..2c70e00  main -> main

C:\Users\nikit\Desktop\pi\git1>touch 4.txt
```

```
   bc75909..2c70e00  main -> main

C:\Users\nikit\Desktop\pi\git1>touch 4.txt

C:\Users\nikit\Desktop\pi\git1>git add 4.txt .

C:\Users\nikit\Desktop\pi\git1>git commit -m "It's not who I am underneath, but what I do that defines me."
```

```
error: pathspec '4.txt' did not match any file(s) known to git

C:\Users\nikit\Desktop\pi\git1>git commit -m "It's not who I am underneath, but what I do that defines me."
[main 4236656] It's not who I am underneath, but what I do that defines me.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 4.txt

C:\Users\nikit\Desktop\pi\git1>git push add origin main --force
error: src refspec add does not match any
error: failed to push some refs to 'add'

C:\Users\nikit\Desktop\pi\git1>git push origin main --force
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 291 bytes | 291.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
   2c70e00..4236656  main -> main

C:\Users\nikit\Desktop\pi\git1>
```

```

C:\Users\nikit\Desktop\pi\git1>touch 5.txt

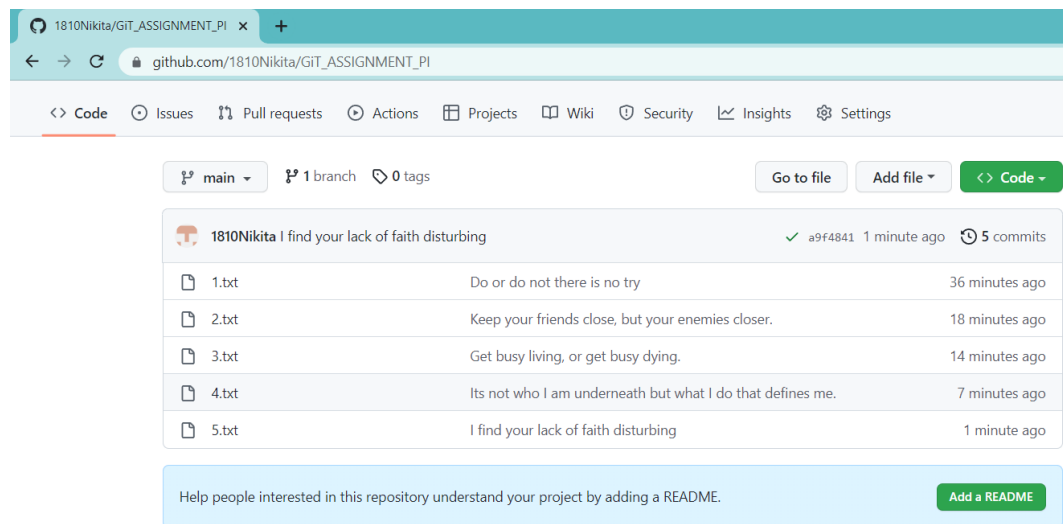
C:\Users\nikit\Desktop\pi\git1>git add 5.txt.
fatal: pathspec '5.txt.' did not match any files

C:\Users\nikit\Desktop\pi\git1>git add 5.txt .

C:\Users\nikit\Desktop\pi\git1>git commit -m "I find your lack of faith disturbing"
[main a9f4841] I find your lack of faith disturbing
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 5.txt

C:\Users\nikit\Desktop\pi\git1>git push origin main --force
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 258 bytes | 258.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/1810Nikita/GiT_ASSIGNMENT_PI.git
 4236656..a9f4841  main -> main

```



1810Nikita/GiT_ASSIGNMENT_PI

github.com/1810Nikita/GiT_ASSIGNMENT_PI

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main 1 branch 0 tags Go to file Add file <> Code

1810Nikita I find your lack of faith disturbing ✓ a9f4841 1 minute ago 5 commits

1.txt	Do or do not there is no try	36 minutes ago
2.txt	Keep your friends close, but your enemies closer.	18 minutes ago
3.txt	Get busy living, or get busy dying.	14 minutes ago
4.txt	Its not who I am underneath but what I do that defines me.	7 minutes ago
5.txt	I find your lack of faith disturbing	1 minute ago

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2. Then you need to create one branch called "**feature-rename-files**" and change all files name to below **(2 points)**

1.txt > yoda.txt

2.txt > godfather.txt

3.txt > shawshank.txt

4.txt > batman.txt

5.txt > vader.txt

After changing all files name, you need to merge this **feature-rename-files** branch into **master** branch.

```
C:\Users\nikit\Desktop\pi\git1>git branch feature-rename-files
C:\Users\nikit\Desktop\pi\git1>git checkout feature-rename-files
Switched to branch 'feature-rename-files'

C:\Users\nikit\Desktop\pi\git1>git log
commit a9f48419635bfb48c82139dcfb484a7952e90c91 (HEAD -> feature-rename-files, origin/main, main)
Author: Nikita Kumari <1018nikitakumari@gmail.com>
Date: Tue Jan 31 11:25:05 2023 +0530

    I find your lack of faith disturbing

commit 4236656e745bb042bd8c92f4522e120f3b63920b
Author: Nikita Kumari <1018nikitakumari@gmail.com>
Date: Tue Jan 31 11:18:41 2023 +0530

    Its not who I am underneath but what I do that defines me.

commit 2c70e00f2d226047ad00d77fe3a00039979d3171
Author: Nikita Kumari <1018nikitakumari@gmail.com>
Date: Tue Jan 31 11:12:05 2023 +0530

    Get busy living, or get busy dying.

commit bc75909af6695609cb3071d7530276478a5af1e0
Author: Nikita Kumari <1018nikitakumari@gmail.com>
Date: Tue Jan 31 11:07:57 2023 +0530

    Keep your friends close, but your enemies closer.

commit d6e89ae4a59725e986e972701f5cd796e6f401b8
Author: Nikita Kumari <1018nikitakumari@gmail.com>
Date: Tue Jan 31 10:50:00 2023 +0530

    Do or do not there is no try

C:\Users\nikit\Desktop\pi\git1>
```

Command Prompt

```
commit d6e89ae4a59725e986e972701f5cd796e6f401b8
Author: Nikita Kumari <1018nikitakumari@gmail.com>
Date: Tue Jan 31 10:50:00 2023 +0530

    Do or do not there is no try

C:\Users\nikit\Desktop\pi\git1>git add .
C:\Users\nikit\Desktop\pi\git1>git mv 1.txt yoda.txt

C:\Users\nikit\Desktop\pi\git1>git commit -m"1.txt is changed into yoda.txt"
[feature-rename-files edcfd09] 1.txt is changed into yoda.txt
1 file changed, 0 insertions(+), 0 deletions(-)
rename 1.txt => yoda.txt (100%)

C:\Users\nikit\Desktop\pi\git1>git mv 2.txt godfather.txt

C:\Users\nikit\Desktop\pi\git1>gitcommit -m"2.txt is renamed as godfather.txt"
'gitcommit' is not recognized as an internal or external command,
operable program or batch file.
```

```

C:\Users\nikit\Desktop\pi\git1>git commit -m"2.txt is renamed as godfather.txt"
[feature-rename-files df5f95f] 2.txt is renamed as godfather.txt
1 file changed, 0 insertions(+), 0 deletions(-)
rename 2.txt => godfather.txt (100%)

C:\Users\nikit\Desktop\pi\git1>git mv 3.txt shawshank.txt

C:\Users\nikit\Desktop\pi\git1>git commit -m"Get busy living, or get busy dying."
[feature-rename-files 34dba9a] Get busy living, or get busy dying.
1 file changed, 0 insertions(+), 0 deletions(-)
rename 3.txt => shawshank.txt (100%)

C:\Users\nikit\Desktop\pi\git1>git mv 4.txt batman.txt

C:\Users\nikit\Desktop\pi\git1>git commit -m"It's not who I am underneath, but what I do that defines me."
[feature-rename-files 5fc2e99] It's not who I am underneath, but what I do that defines me.
1 file changed, 0 insertions(+), 0 deletions(-)
rename 4.txt => batman.txt (100%)

C:\Users\nikit\Desktop\pi\git1>git mv 5.txt vader.txt

C:\Users\nikit\Desktop\pi\git1>git commit -m"5.txt is renamd as vader.txt"
[feature-rename-files 8bc81ed] 5.txt is renamd as vader.txt
1 file changed, 0 insertions(+), 0 deletions(-)
rename 5.txt => vader.txt (100%)

C:\Users\nikit\Desktop\pi\git1>

```

```

C:\Users\nikit\Desktop\pi\git1>git push origin head
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 6 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (10/10), 1.13 KiB | 289.00 KiB/s, done.
Total 10 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), done.
remote:
remote: Create a pull request for 'feature-rename-files' on GitHub by visiting:
remote:   https://github.com/1810Nikita/GiT_ASSIGNMENT_PI/pull/new/feature-rename-files
remote:
To https://github.com/1810Nikita/GiT_ASSIGNMENT_PI.git
 * [new branch]      head -> feature-rename-files

C:\Users\nikit\Desktop\pi\git1>

```

feature-rename...
2 branches
0 tags
Go to file
Add file
Code

This branch is 5 commits ahead of main.
Contribute

1810Nikita	5.txt is renamd as vader.txt	8bc81ed 6 minutes ago	10 commits
batman.txt	It's not who I am underneath, but what I do that defines me.	9 minutes ago	
godfather.txt	2.txt is renamed as godfather.txt	11 minutes ago	
shawshank.txt	Get busy living, or get busy dying.	10 minutes ago	
vader.txt	5.txt is renamd as vader.txt	6 minutes ago	
yoda.txt	1.txt is changed into yoda.txt	13 minutes ago	

Help people interested in this repository understand your project by adding a README.
Add a README

Merging feature-rename-files with main

```
C:\Users\nikit\Desktop\pi\git1>git checkout main
Switched to branch 'main'

C:\Users\nikit\Desktop\pi\git1>git merge feature-rename-files
Updating a9f4841..8bc81ed
Fast-forward
 1.txt => batman.txt      | 0
 2.txt => godfather.txt   | 0
 3.txt => shawshank.txt   | 0
 4.txt => vader.txt       | 0
 5.txt => yoda.txt        | 0
5 files changed, 0 insertions(+), 0 deletions(-)
rename 1.txt => batman.txt (100%)
rename 2.txt => godfather.txt (100%)
rename 3.txt => shawshank.txt (100%)
rename 4.txt => vader.txt (100%)
rename 5.txt => yoda.txt (100%)

C:\Users\nikit\Desktop\pi\git1>_
```

3. After this, you need to push two separate commits in **master** branch. (1 point)

i.e.

i) Commit 1:

master -> change yoda.txt

Do or do not, there is no try. -> No try there is, do or do not.

ii) Commit 2:

master -> change godfather.txt

Keep your friends close, but your enemies closer. -> Keep your enemies close, but your friends distant.

```
fatal: destination 'yoda.txt' is not a directory

C:\Users\nikit\Desktop\pi\git1>vim yoda.txt

C:\Users\nikit\Desktop\pi\git1>git status
On branch main
Your branch is up to date with 'origin/main'.

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:   yoda.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\nikit\Desktop\pi\git1>git add .

C:\Users\nikit\Desktop\pi\git1>git commit-m "No try there is, do or do not."
git: 'commit-m' is not a git command. See 'git --help'.

The most similar command is
    commit-tree
```

```

C:\Users\nikit\Desktop\pi\git1>git commit -m"No try there is, do or do not"
[main b1beae7] No try there is, do or do not
1 file changed, 1 insertion(+)

C:\Users\nikit\Desktop\pi\git1>git push origin main --force
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
8bc81ed..b1beae7 main -> main

C:\Users\nikit\Desktop\pi\git1>vim godfather.txt

C:\Users\nikit\Desktop\pi\git1> git add .

C:\Users\nikit\Desktop\pi\git1>git commit -m"KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER."
[main d8c97ba] KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER.
1 file changed, 1 insertion(+)

C:\Users\nikit\Desktop\pi\git1>git push origin main --force
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 6 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 344 bytes | 344.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
b1beae7..d8c97ba main -> main

C:\Users\nikit\Desktop\pi\git1>_

```

main
 2 branches
 0 tags
 [Go to file](#)
[Add file](#)
[Code](#)

Your main branch isn't protected
 Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#)
[Protect this branch](#)

Commit	Message	Time
1810Nikita	KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER.	✓ d8c97ba 3 minutes ago 12 commits
batman.txt	It's not who I am underneath, but what I do that defines me.	1 hour ago
godfather.txt	KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER.	3 minutes ago
shawshank.txt	Get busy living, or get busy dying.	1 hour ago
vader.txt	5.txt is renamed as vader.txt	1 hour ago
yoda.txt	No try there is, do or do not	6 minutes ago

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4. Now checkout the **feature-rename-files** branch and push two different commits in **feature-rename-files** branch. (1 point)

i.e.

i) Commit 1 :
feature-rename-files -> change yoda.txt

Do or do not, there is no try. -> DO OR DO NOT, THERE IS NO TRY.

ii) Commit 2:
feature-rename-files -> change godfather.txt

Keep your friends close, but your enemies closer. -> KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER.


```

to https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
b1beae7..d8c97ba main -> main

C:\Users\nikit\Desktop\pi\git1>git checkout feature-rename-files
Switched to branch 'feature-rename-files'

C:\Users\nikit\Desktop\pi\git1>git branch
* feature-rename-files
  main

C:\Users\nikit\Desktop\pi\git1>vim yoda.txt

C:\Users\nikit\Desktop\pi\git1>git add .

C:\Users\nikit\Desktop\pi\git1>git commit -m"DO OR DO NOT, THERE IS NO TRY."
[feature-rename-files bbd9f2b] DO OR DO NOT, THERE IS NO TRY.
 1 file changed, 2 insertions(+)

C:\Users\nikit\Desktop\pi\git1>git push origin main --force
Everything up-to-date

C:\Users\nikit\Desktop\pi\git1>vim godfather.txt

C:\Users\nikit\Desktop\pi\git1>git add .

C:\Users\nikit\Desktop\pi\git1>git commit -m"KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER."
[feature-rename-files 62a4ffc] KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER.
 1 file changed, 2 insertions(+)

C:\Users\nikit\Desktop\pi\git1>

```

5. Now rebase your **feature-rename-files** branch with the **master** branch. If there are any conflicts while rebasing, choose the followings to resolve conflicts:

(3 points)

1. Pick all changes of **master** for conflicts in Yoda.txt
2. Pick all changes of **feature-rename-files** in godfather.txt

```

Command Prompt

hint: Resolve all conflicts manually, mark them as resolved with
hint: "git add/rm <conflicted_files>", then run "git rebase --continue".
hint: You can instead skip this commit: run "git rebase --skip".
hint: To abort and get back to the state before "git rebase", run "git rebase --abort".
Could not apply bbd9f2b... DO OR DO NOT, THERE IS NO TRY.

C:\Users\nikit\Desktop\pi\git1>git rebase origin main
fatal: It seems that there is already a rebase-merge directory, and
I wonder if you are in the middle of another rebase. If that is the
case, please try
    git rebase (--continue | --abort | --skip)
If that is not the case, please
    rm -fr ".git/rebase-merge"
and run me again. I am stopping in case you still have something
valuable there.

C:\Users\nikit\Desktop\pi\git1>git rebase --continue
yoda.txt: needs merge
You must edit all merge conflicts and then
mark them as resolved using git add

C:\Users\nikit\Desktop\pi\git1>git add yoda.txt .

C:\Users\nikit\Desktop\pi\git1>git add godfather.txt .

C:\Users\nikit\Desktop\pi\git1>git rebase --continue
[detached HEAD a3cec2f] DO OR DO NOT, THERE IS NO TRY.
 1 file changed, 5 insertions(+)
Auto-merging godfather.txt
CONFLICT (content): Merge conflict in godfather.txt

```

```

Could not apply 62a4ffc... KEEP YOUR FRIENDS          CLOSE, BUT YOUR ENEMIES CLOSER.

C:\Users\nikit\Desktop\pi\git1>git add godfather.txt

C:\Users\nikit\Desktop\pi\git1>git rebase continue
fatal: It seems that there is already a rebase-merge directory, and
I wonder if you are in the middle of another rebase. If that is the
case, please try
    git rebase (--continue | --abort | --skip)
If that is not the case, please
    rm -fr ".git/rebase-merge"
and run me again. I am stopping in case you still have something
valuable there.

C:\Users\nikit\Desktop\pi\git1>git rebase --continue
[detached HEAD afbbca0] KEEP YOUR FRIENDS          CLOSE, BUT YOUR ENEMIES CLOSER.
 1 file changed, 4 insertions(+)
Successfully rebased and updated refs/heads/feature-rename-files.

C:\Users\nikit\Desktop\pi\git1>

```

Command Prompt - git rebase --continue

```

KEEP YOUR FRIENDS          CLOSE, BUT YOUR ENEMIES CLOSER.

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# interactive rebase in progress; onto d8c97ba
# Last commands done (2 commands done):
#   pick bbd9f2b DO OR DO NOT, THERE IS NO TRY.
#   pick 62a4ffc KEEP YOUR FRIENDS          CLOSE, BUT YOUR ENEMIES CLOSER.
# No commands remaining.
# You are currently rebasing branch 'feature-rename-files' on 'd8c97ba'.
#
# Changes to be committed:
#   modified:   godfather.txt
#
~
~
~
~

```

6. Now send the Pull request in Github from **feature-rename-files** to **master** (1 point)

The screenshot shows a GitHub Pull Request interface. At the top, the navigation bar includes 'Issues', 'Pull requests' (with a count of 1), 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main heading is 'merge file #1'. Below this, a green 'Open' button is followed by the text '1810Nikita wants to merge 2 commits into feature-rename-files from main'. A summary bar shows 'Conversation 0', 'Commits 2', 'Checks 3', and 'Files changed 2'. The main content area shows a comment from '1810Nikita' stating 'pull request.' and '1810Nikita added 2 commits 2 hours ago'. The commit list shows two commits: 'No try there is, do or do not' (commit b1beae7) and 'KEEP YOUR FRIENDS CLOSE, BUT YOUR ENEMIES CLOSER.' (commit d8c97ba). A deployment status box indicates 'This branch was successfully deployed' with '1 active deployment'. A checks box shows 'All checks have passed' (3 successful checks) and 'This branch has no conflicts with the base branch'. On the right sidebar, various tabs are visible: Reviewer (No review, Still in pr), Assignee (No one), Labels (None yet), Projects (None yet), Milestone (No milest), and Developr (Successfu issues).

7. Now, create one folder with the name **Assignment**. And add the following assignments to that folder. (4 points)

1. Capture a screenshot of your Git bash commands that you have used
2. Answers the following git commands and add the file into the folder

- Provide commands for below operation

- Command to initialize git repository

```
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi
$ cd Assignment

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment
$ git init
Initialized empty Git repository in C:/Users/nikit/Desktop/pi/Assignment/.git/

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ |
```

- Command to clone remote repository

```

Initialized empty Git repository in C:/Users/nikit/Desktop/pi/Assignment/.git/
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git clone https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
Cloning into 'Git_ASSIGNMENT_PI'...
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (17/17), done.
remote: Total 27 (delta 10), reused 24 (delta 7), pack-reused 0
Receiving objects: 100% (27/27), done.
Resolving deltas: 100% (10/10), done.
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$

```

- Command to stage all changes

```

(use -f to force removal)
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git add .

```

- Command to view state of working directory and staging area

```

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment
$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   1.txt
        new file:   Git_ASSIGNMENT_PI

```

- Command to create new branch

```

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git checkout -b newbranch
Switched to a new branch 'newbranch'

```

- Command to change branch

```

error: pathspec 'main' did not match any file(s) known to git
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (newbranch)
$ git checkout -b main
Switched to a new branch 'main'

```

- Command to clean staging area

```

no changes added to commit (use "git add" and/or "git commit -a")
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment
$ git reset head 1.txt
Unstaged changes after reset:
M       1.txt

```

- Command to get commits and changes from remote branch (It should not merge changes in current branch).

```
nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git add 1.txt .

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git remote add origin https://github.com/1810Nikita/GiT_ASSIGNMENT_PI.git

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git commit -m"first commit"
[main (root-commit) e96a3ba] first commit
 2 files changed, 2 insertions(+)
 create mode 100644 1.txt
 create mode 160000 GiT_ASSIGNMENT_PI

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
```

- Command to get commits and changes from remote branch (It should merge changes in current branch).

```
create mode 160000 GiT_ASSIGNMENT_PI

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git checkout branch_N
error: pathspec 'branch_N' did not match any file(s) known to git

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git branch branch_N

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git checkout branch_N
Switched to branch 'branch_N'

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (branch_N)
$ git push origin head
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 271 bytes | 271.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'branch_N' on GitHub by visiting:
remote:   https://github.com/1810Nikita/GiT_ASSIGNMENT_PI/pull/new/branch_N
remote:
To https://github.com/1810Nikita/GiT_ASSIGNMENT_PI.git
 * [new branch]      head -> branch_N
```

- Command to cherry pick commit which SHA => 092018283103810930

```
nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ git branch
branch_N
* feature-assignment
main

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ git log --oneline
428f67 (HEAD -> feature-assignment, origin/feature-assignment) new file for cherry pick command practice
e96a3ba (main, branch_N) first commit

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ git checkout main
Switched to branch 'main'

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git cherry-pick 4C

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git cherry-pick 47e8f67
[main 4b01f93] new file for cherry pick command practice
Date: Tue Jan 31 16:00:53 2023 +0530
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file.txt

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ ls
1.txt  GiT_ASSIGNMENT_PI/  file.txt

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$
```

- Command to push branch

```
nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (main)
$ git checkout branch_N
Switched to branch 'branch_N'

nikit@LAPTOP-9F9R9QOH MINGW64 ~/Desktop/pi/Assignment (branch_N)
$ git push origin head
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 271 bytes | 271.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
```

- Command to delete remote branch

```
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (branch_N)
$ git checkout main
Switched to branch 'main'

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git push origin --delete branch_N
To https://github.com/1810Nikita/Git_ASSIGNMENT_PI.git
- [deleted]          branch_N
```

- Command to do iterative rebase

```
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git checkout branch_N
Switched to branch 'branch_N'

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (branch_N)
$ git rebase main
Current branch branch_N is up to date.

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (branch_N)
```

8. Now you have to push this **Assignment** folder to new branch called **feature-assignment**

(1 point)

```
nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git branch feature-assignment


nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (main)
$ git checkout feature-assignment
Switched to branch 'feature-assignment'

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ pwd
/c/Users/nikit/Desktop/pi/Assignment


nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ git add .



nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ git commit -m"assignment folder"
On branch feature-assignment
nothing to commit, working tree clean

nikit@LAPTOP-9F9R9Q0H MINGW64 ~/Desktop/pi/Assignment (feature-assignment)
$ git push origin head
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 271 bytes | 271.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
```

 feature-assign... 3 branches 0 tags Go to file Add file Code

This branch is 1 commit ahead, 12 commits behind main. Contribute

 1810Nikita first commit e96a3ba 20 minutes ago 1 commit

 Git_ASSIGNMENT_PI	first commit	20 minutes ago
 1.txt	first commit	20 minutes ago

9. After this, you need to push all your changes to Github repository & submit **Error!**
Hyperlink reference not valid. repository link here.

Git hub repo link:-

https://github.com/1810Nikita/GiT_ASSIGNMENT_Pl.git

10. Please verify all your changes on Github repository before submitting.
Assignment evaluation will be based on that only.