Practical No:2

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MITU19IMBI0012

Git commands:


```
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git init
Initialized empty Git repository in C:/Users/Dell/OneDrive/Desktop/XYZ/.git/
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git add .\inheritance.py
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git commit -m "first commit"
[master (root-commit) ce25a32] first commit
 1 file changed, 33 insertions(+)
 create mode 100644 inheritance.py
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git branch -M master
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git branch
* master
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git remote add origin https://github.com/AsmitaRJ/XYZ.git
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git push -u origin master
Enumerating objects: 3, done.
```



```
nothing to commit, working tree clean
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git remote add origin https://github.com/AsmitaRJ/XYZ.git
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 585 bytes | 585.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/AsmitaRJ/XYZ.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git branch dev
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git checkout dev
Switched to branch 'dev'
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git status
On branch dev
nothing to commit, working tree clean
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git push
fatal: The current branch dev has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin dev

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.
```

```
upstream, see 'push.autoSetupRemote' in 'git help config'.

PS C:\Users\Dell\OneDrive\Desktop\XYZ> git push -u origin dev
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'dev' on GitHub by visiting:
remote:        https://github.com/AsmitaRJ/XYZ/pull/new/dev
remote:
To https://github.com/AsmitaRJ/XYZ.git
 * [new branch]      dev -> dev
branch 'dev' set up to track 'origin/dev'.
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git add .\inheritance.py
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git commit -m "changes"
[dev 2659b34] changes
 1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git push -u origin dev
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 279 bytes | 279.00 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/AsmitaRJ/XYZ.git
   ce25a32..2659b34  dev -> dev
branch 'dev' set up to track 'origin/dev'.
```

```
To https://github.com/AsmitaRJ/XYZ.git
   ce25a32..2659b34  dev -> dev
branch 'dev' set up to track 'origin/dev'.
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git add .\inheritance.py
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git commit -m "master test"
[master ea9a92b] master test
 1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 297 bytes | 297.00 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/AsmitaRJ/XYZ.git
   ce25a32..ea9a92b  master -> master
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git merge dev
Auto-merging inheritance.py
CONFLICT (content): Merge conflict in inheritance.py
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\Dell\OneDrive\Desktop\XYZ>
```

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🔅 XYZ   Public

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⎇ dev had recent pushes 29 minutes ago

Compare & pull request

⎇ dev ⏷   ⎇ 2 branches   🏷 0 tags

Go to file   Add file ⏷   <> Code ⏷

This branch is 1 commit ahead, 1 commit behind master.

⭥ Contribute ⏷

🔅 AsmitaRJ changes   2659b34   29 minutes ago   🕐 2 commits

📄 inheritance.py   changes   29 minutes ago

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

<> Code   ⊙ Issues   ⑤↑↓ Pull requests   ⊙ Actions   ⊞ Projects   📖 Wiki   🛡 Security   📈 Insights   ⚙ Settings

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⎇ dev had recent pushes 28 minutes ago

Compare & pull request

⎇ master ⏷   ⎇ 2 branches   🏷 0 tags

Go to file   Add file ⏷   <> Code ⏷

⎇ Your master branch isn't protected
Protect this branch from force pushing or deletion, or require status checks before merging. Learn more

Protect this branch   ✕

🔅 AsmitaRJ master test   ea9a92b   26 minutes ago   🕐 2 commits

📄 inheritance.py   master test   26 minutes ago

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

```
27
28    stu1 = Result()
      Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
29    <<<<<<< HEAD (Current Change)
30    stu1.get_data(1101,"Asmita Ramesh Jagadale ")
31    =======
32    stu1.get_data(1101,"Asmita" )
33    >>>>>>> dev (Incoming Change)
34    stu1.set_name("Tennis", "40/50")
35    stu1.set_name1("Advanced Python", "48/50")
36    stu1.set_data("MIT ADT University","MITU19IMBI0012")
37    stu1.display()        You, 15 minutes ago • first commit
```

PROBLEMS **3**   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   GITLENS

```
CONFLICT (content): Merge conflict in inheritance.py
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\Dell\OneDrive\Desktop\ABC> git diff
diff --cc inheritance.py
index 22d438b,53f908f..0000000
--- a/inheritance.py
+++ b/inheritance.py
@@ -19,5 -19,5 +19,9 @@ class Student(Department)
  obj = Student()
  obj.set_data("MIT ADT University","0012")
  obj.get_data("Bioengineering","12")
++<<<<<<< HEAD
 +obj.set_name("Asmita Ramesh Jagadale", "System Biology")
++=======
+ obj.set_name("Asmita Jagadale", "System Biology")
++>>>>>>> dev
  obj.display()
(END)...skipping...
diff --cc inheritance.py
index 22d438b,53f908f..0000000
--- a/inheritance.py
```

```
To https://github.com/AsmitaRJ/XYZ.git
   ce25a32..ea9a92b  master -> master
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git merge dev
Auto-merging inheritance.py
CONFLICT (content): Merge conflict in inheritance.py
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git diff
diff --cc inheritance.py
index 94096c0,5c79d4a..0000000
--- a/inheritance.py
+++ b/inheritance.py
PS C:\Users\Dell\OneDrive\Desktop\XYZ> git log
commit ea9a92bd83c5254d8e3563a401188c2647e4ebaf (HEAD -> master, origin/master)
Author: practise <asmita21jagadale@gmail.com>
Date:    Sun Oct 22 16:17:45 2023 +0530
commit ea9a92bd83c5254d8e3563a401188c2647e4ebaf (HEAD -> master, origin/master)
Author: practise <asmita21jagadale@gmail.com>
Date:    Sun Oct 22 16:17:45 2023 +0530

    master test

commit ce25a32aa8db17bf456c351ff8e7ddbcbd827957
Author: practise <asmita21jagadale@gmail.com>
Date:    Sun Oct 22 16:06:15 2023 +0530

    first commit
...skipping...

            SUMMARY OF LESS COMMANDS

    Commands marked with * may be preceded by a number, N.
    Notes in parentheses indicate the behavior if N is given.
    A key preceded by a caret indicates the Ctrl key; thus ^K is ctrl-K.

  h  H               Display this help.
HELP -- Press RETURN for more, or q when done...skipping...

    master test

commit ce25a32aa8db17bf456c351ff8e7ddbcbd827957
Author: practise <asmita21jagadale@gmail.com>
Date:    Sun Oct 22 16:06:15 2023 +0530

    first commit
```

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🔍 Find a collaborator...

| ☐ **CHANDRAKALA-WAGH**
Collaborator | Remove |

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```
PS C:\Users\Dell\OneDrive\Desktop\AB> git add .\inherit.py
PS C:\Users\Dell\OneDrive\Desktop\AB> git commit -m "changes"
[master 2924999] changes
 1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\Dell\OneDrive\Desktop\AB> git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 276 bytes | 276.00 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/AsmitaRJ/AB.git
```

```
PS D:\SEM 9\PYTHON PRACT> git clone https://github.com/AsmitaRJ/AB.git
Cloning into 'AB'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
PS D:\SEM 9\PYTHON PRACT> cd inherit.py
```

```
PS D:\SEM 9\PYTHON PRACT\AB> git add inherit.py
PS D:\SEM 9\PYTHON PRACT\AB> git add inherit.py
PS D:\SEM 9\PYTHON PRACT\AB> git commit -m "NEW COMMIT"
[master 48eb129] NEW COMMIT
 1 file changed, 3 insertions(+), 3 deletions(-)
PS D:\SEM 9\PYTHON PRACT\AB> git push origin master
To https://github.com/AsmitaRJ/AB.git
 ! [rejected]        master -> master (non-fast-forward)
error: failed to push some refs to 'https://github.com/AsmitaRJ/AB.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. If you want to integrate the remote changes,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS D:\SEM 9\PYTHON PRACT\AB> git pull origin master
From https://github.com/AsmitaRJ/AB
 * branch            master     -> FETCH_HEAD
Auto-merging inherit.py
CONFLICT (content): Merge conflict in inherit.py
Automatic merge failed; fix conflicts and then commit the result.
PS D:\SEM 9\PYTHON PRACT\AB>
```