GIT ASSIGNMENT

Submitted by - Anshika Srivastava
Vanshika Srivastava

Screenshot of file pushed by Anshika

knoldus@knoldus-Vostro-3590: ~/Desktop/kip-jan-23-git-assignment

```
knoldus@knoldus-Vostro-3590:~$ cd Desktop/
knoldus@knoldus-Vostro-3590:~/Desktop$ git clone https://github.com/Anshika1603/kip-jan-23-git-assignment.git
Cloning into 'kip-jan-23-git-assignment'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 606 bytes | 606.00 KiB/s, done.
knoldus@knoldus-Vostro-3590:~/Desktop$ cd kip-jan-23-git-assignment/
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git branch feature/1876-1877
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git checkout feature/1876-1877
Switched to branch 'feature/1876-1877'
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ gedit anshika-srivastava.md
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git status
On branch feature/1876-1877
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        anshika-srivastava.md

nothing added to commit but untracked files present (use "git add" to track)
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git commit -m "file added by anshika"
On branch feature/1876-1877
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        anshika-srivastava.md

nothing added to commit but untracked files present (use "git add" to track)
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git add .
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git commit -m "anshika-srivastava.md file added by anshika"
[feature/1876-1877 dcb31b7] anshika-srivastava.md file added by anshika
 1 file changed, 1 insertion(+)
 create mode 100644 anshika-srivastava.md
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git push -u origin feature/1876-1877
Username for 'https://github.com': Anshika1603
Password for 'https://Anshika1603@github.com':
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), 328 bytes | 328.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'feature/1876-1877' on GitHub by visiting:
remote:      https://github.com/Anshika1603/kip-jan-23-git-assignment/pull/new/feature/1876-1877
remote:
To https://github.com/Anshika1603/kip-jan-23-git-assignment.git
 * [new branch]      feature/1876-1877 -> feature/1876-1877
Branch 'feature/1876-1877' set up to track remote branch 'feature/1876-1877' from 'origin'.
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$
```
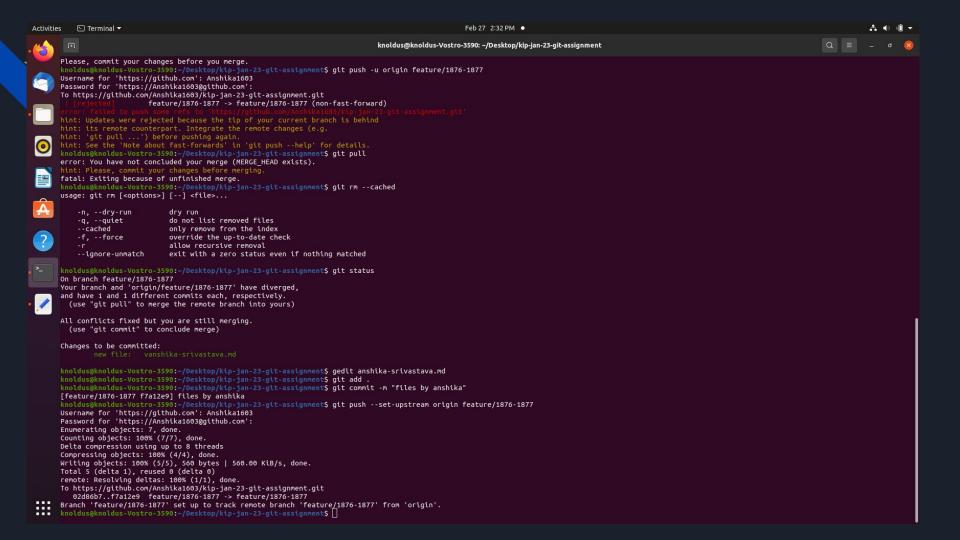
File added and pushed by Vanshika

knoldus@knoldus-Vostro-3590: ~/kip-jan-23-git-assignment

```
knoldus@knoldus-Vostro-3590:~$ git clone https://github.com/Anshika1603/kip-jan-23-git-assignment.git
Cloning into 'kip-jan-23-git-assignment'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 606 bytes | 303.00 KiB/s, done.
knoldus@knoldus-Vostro-3590:~$ cd kip-jan-23-git-assignment
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ git branch feature/1876-1877
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ git checkout feature/1876-1877
Switched to branch 'feature/1876-1877'
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ gedit vanshika-srivastava.md
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ git status
On branch feature/1876-1877
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        vanshika-srivastava.md

nothing added to commit but untracked files present (use "git add" to track)
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ git commit -m "File Added by Vanshika"
[feature/1876-1877 02d86b7] File Added by Vanshika
 1 file changed, 2 insertions(+)
 create mode 100644 vanshika-srivastava.md
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ git push -u origin
fatal: The current branch feature/1876-1877 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin feature/1876-1877


knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$ git push -u origin feature/1876-1877
Username for 'https://github.com': vanshika1221
Password for 'https://vanshika1221@github.com':
To https://github.com/Anshika1603/kip-jan-23-git-assignment.git
 ! [rejected]            feature/1876-1877 -> feature/1876-1877 (fetch first)
error: failed to push some refs to 'https://github.com/Anshika1603/kip-jan-23-git-assignment.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.
knoldus@knoldus-Vostro-3590:~/kip-jan-23-git-assignment$
```

Resolving the conflict

knoldus@knoldus-Vostro-3590: ~/Desktop/kip-jan-23-git-assignment

Please, commit your changes before you merge.
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git push -u origin feature/1876-1877
Username for 'https://github.com': Anshika1603
Password for 'https://Anshika1603@github.com':
To https://github.com/Anshika1603/kip-jan-23-git-assignment.git
 ! [rejected]   feature/1876-1877 -> feature/1876-1877 (non-fast-forward)
error: failed to push some refs to 'https://github.com/Anshika1603/kip-jan-23-git-assignment.git'
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.
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git pull
error: You have not concluded your merge (MERGE_HEAD exists).
hint: Please, commit your changes before merging.
fatal: Exiting because of unfinished merge.
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git rm --cached
usage: git rm [<options>] [--] <file>...

    -n, --dry-run   dry run
    -q, --quiet   do not list removed files
    --cached   only remove from the index
    -f, --force   override the up-to-date check
    -r   allow recursive removal
    --ignore-unmatch   exit with a zero status even if nothing matched

knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git status
On branch feature/1876-1877
Your branch and 'origin/feature/1876-1877' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" to merge the remote branch into yours)

All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
        new file: vanshika-srivastava.md

knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ gedit anshika-srivastava.md
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git add .
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git commit -m "files by anshika"
[feature/1876-1877 f7a12e9] files by anshika
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git push --set-upstream origin feature/1876-1877
Username for 'https://github.com': Anshika1603
Password for 'https://Anshika1603@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 560 bytes | 560.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Anshika1603/kip-jan-23-git-assignment.git
   02d86b7..f7a12e9 feature/1876-1877 -> feature/1876-1877
Branch 'feature/1876-1877' set up to track remote branch 'feature/1876-1877' from 'origin'.
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ []

Git Log to show commits

```
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git status
On branch feature/1876-1877
Your branch and 'origin/feature/1876-1877' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" to merge the remote branch into yours)

All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
        new file:   vanshika-srivastava.md

knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ gedit anshika-srivastava.md
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git add .
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git commit -m "files by anshika"
[feature/1876-1877 f7a12e9] files by anshika
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git push --set-upstream origin feature/1876-1877
Username for 'https://github.com': Anshika1603
Password for 'https://Anshika1603@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 560 bytes | 560.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Anshika1603/kip-jan-23-git-assignment.git
   02d86b7..f7a12e9  feature/1876-1877 -> feature/1876-1877
Branch 'feature/1876-1877' set up to track remote branch 'feature/1876-1877' from 'origin'.
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$ git log
commit f7a12e98dc91d3fa0b1822449fd21bcf62d8b41d (HEAD -> feature/1876-1877, origin/feature/1876-1877)
Merge: dcb31b7 02d86b7
Author: Anshika1603 <anshika.srivastava@knoldus.com>
Date:   Mon Feb 27 14:31:11 2023 +0530

    files by anshika


commit 02d86b7aa85ed114260e2f2c6602186b9a8e972c
Author: vanshika1221 <vanshika.srivastava@knoldus.com>
Date:   Mon Feb 27 13:58:24 2023 +0530

    File Added by Vanshika


commit dcb31b7913a0650e2b8efe01a4c365e6fdb5c376
Author: Anshika1603 <anshika.srivastava@knoldus.com>
Date:   Mon Feb 27 13:53:25 2023 +0530

    anshika-srivastava.md file added by anshika


commit 1bfb9383abd606d17fc92a2ce2b3aab246a610b1 (origin/main, origin/HEAD, main)
Author: Anshika1603 <anshika.srivastava@knoldus.com>
Date:   Mon Feb 27 13:48:18 2023 +0530

    Initial commit
knoldus@knoldus-Vostro-3590:~/Desktop/kip-jan-23-git-assignment$
```

Thank You!