

Các thành viên nhóm 06

STT	MSSV	Họ Tên
1	B1809373	Pham Thi Nhu My
2	B1809376	Vo Thi Kim Ngan
3	B1809382	Tran Trong Nhan
4	B1809385	Tran Thi Huynh Nhu
5	B1809411	Le Anh Thu
6	B1809429	Vo Mong Vi
7	B1809443	Le Tuyen Duy
8	B1809449	Vi Van Dat

Bài tập Git (Xử lý dụng độ)

1/ Tất cả các thành viên tạo phiên bản làm việc của dự án của nhóm đã tạo ra ở chủ đề git tuần trước trên máy tính cá nhân của mình

- My clone về máy

```
myb1809373@VirtualBox:~/MNM/git$ git clone ssh://myb1809373@git.code.sf.net/p/group06/git group06-git-dd
Cloning into 'group06-git-dd'...
Password:
remote: Enumerating objects: 61, done.
remote: Counting objects: 100% (61/61), done.
remote: Compressing objects: 100% (60/60), done.
remote: Total 61 (delta 20), reused 0 (delta 0)
Receiving objects: 100% (61/61), 6.28 KiB | 3.14 MiB/s, done.
Resolving deltas: 100% (20/20), done.
myb1809373@VirtualBox:~/MNM/git$
```

- Như clone về máy

```
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu$ git clone https://b1809385@git.code.sf.net/p/group06/git group06-GIT-2
Cloning into 'group06-GIT-2'...
remote: Enumerating objects: 64, done.
remote: Counting objects: 100% (64/64), done.
remote: Compressing objects: 100% (62/62), done.
remote: Total 64 (delta 21), reused 0 (delta 0)
Unpacking objects: 100% (64/64), 6.49 KiB | 92.00 KiB/s, done.
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu$ ls
baitap-shellscript  BTN_Subversion2  BT_Tuan9.3      LapTrinhC
BT-GIT              bt-subversion    BT_Tuan9_3.tar  my-git-project-code
BT_Nhom             BT_Tuan9         BT_Tuan9.tar    project1
BT_Nhom_CS          BT_Tuan9.2       group06-git     project2
BTN_subversion      BT_Tuan9_2.tar   group06-GIT-2   test
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu$
```

- Ngân clone về máy:

```

ngan@Desktop:~/bt-git$ git clone ssh://nganb1809376@git.code.sf.net/p/group06/g
it group06
Cloning into 'group06'...
Password:
remote: Enumerating objects: 87, done.
remote: Counting objects: 100% (87/87), done.
remote: Compressing objects: 100% (84/84), done.
remote: Total 87 (delta 34), reused 0 (delta 0)
Receiving objects: 100% (87/87), 8.65 KiB | 35.00 KiB/s, done.
Resolving deltas: 100% (34/34), done.
ngan@Desktop:~/bt-git$ ls
group06  project1  project2
ngan@Desktop:~/bt-git$

```

- Nhân clone về máy

```

b1809382@b1809382-VirtualBox:~/group06git$ git clone https://mikenzer@git.code.
sf.net/p/group06/git group06
Cloning into 'group06'...
remote: Enumerating objects: 79, done.
remote: Counting objects: 100% (79/79), done.
remote: Compressing objects: 100% (76/76), done.
remote: Total 79 (delta 29), reused 0 (delta 0)
Unpacking objects: 100% (79/79), 7.89 KiB | 120.00 KiB/s, done.
b1809382@b1809382-VirtualBox:~/group06git$

```

- Tuyên Duy clone về máy

```

b1809443@b1809443-VirtualBox:~/bt-git$ git clone ssh://duyb1809443@git.code.sf.
net/p/group06/git group06-git
Cloning into 'group06-git'...
Password:
remote: Enumerating objects: 84, done.
remote: Counting objects: 100% (84/84), done.
remote: Compressing objects: 100% (81/81), done.
remote: Total 84 (delta 32), reused 0 (delta 0)
Receiving objects: 100% (84/84), 8.41 KiB | 2.80 MiB/s, done.
Resolving deltas: 100% (32/32), done.

```

- Vi clone về máy

```

b1809429@b1809429-VirtualBox: ~/bt-git
b1809429@b1809429-VirtualBox:~$ cd bt-git/
b1809429@b1809429-VirtualBox:~/bt-git$ git clone ssh://vomongvi2510@git.code.sf.
net/p/group06/git group06-git
Cloning into 'group06-git'...
Password:
remote: Enumerating objects: 90, done.
remote: Counting objects: 100% (90/90), done.
remote: Compressing objects: 100% (87/87), done.
remote: Total 90 (delta 36), reused 0 (delta 0)
Receiving objects: 100% (90/90), 8.90 KiB | 364.00 KiB/s, done.
Resolving deltas: 100% (36/36), done.
b1809429@b1809429-VirtualBox:~/bt-git$

```

- Anh Thư clone về máy:


```
anhthub1809411@anhthub1809411-VirtualBox: ~...
anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git$ git clone
https://anhthub@git.code.sf.net/p/group06/git group06-conflict
Cloning into 'group06-conflict'...
remote: Enumerating objects: 87, done.
remote: Counting objects: 100% (87/87), done.
remote: Compressing objects: 100% (84/84), done.
remote: Total 87 (delta 34), reused 0 (delta 0)
Unpacking objects: 100% (87/87), 8.63 KiB | 144.00 KiB/s, done.
```

2/Nhóm trưởng tạo một tập tin trong phiên bản làm việc của mình có tên là thuvien.c và cập nhật nó lên kho ở xa

```
myb1809373@VirtualBox:~/MNM/git$ cd ./group06-git-dd
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ touch thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git add thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   thuvien.c

myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git commit -m "Them file thuvie
n.c boi nhom truong"
[master 1c4f269] Them file thuvien.c boi nhom truong
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git push -u origin master
Password:
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
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: <Repository /git/p/group06/git.git> refresh queued.
To ssh://git.code.sf.net/p/group06/git
 0e393b1..1c4f269 master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$
```

3/ Các thành viên cập nhật lại nội dung thư mục làm việc của mình

- Như cập nhật

```
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0)
Unpacking objects: 100% (3/3), 280 bytes | 280.00 KiB/s, done.
From https://git.code.sf.net/p/group06/git
 1c4f269..09aa374 master    -> origin/master
Updating 1c4f269..09aa374
Fast-forward
 thuvien.c | 2 ++
 1 file changed, 2 insertions(+)
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ ls
anhthu.c  kimngan.c  nhan.c  nhumy.c  tnhan.c  vi.c
huynhnhu.c  libmygroup.h  nhom6.c  thuvien.c  tuyenduy.c  vivandat.c
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$
```

- Nhân cập nhật

```
b1809382@b1809382-VirtualBox:~/group06git/group06$ git pull
Already up to date.
b1809382@b1809382-VirtualBox:~/group06git/group06$ ls
anhthu.c    kimngan.c    nhom6.c    thuvien.c    tuyenduy.c    vivandat.c
huynhnhu.c  libmygroup.h nhumy.c    tnhan.c     vi.c
```

- Ngân cập nhật:

```
ngan@Desktop:~/bt-git/group06$ git pull
Password:
Already up to date.
ngan@Desktop:~/bt-git/group06$ ls
anhthu.c    kimngan.c    nhom6.c    thuvien.c    tuyenduy.c    vivandat.c
huynhnhu.c  libmygroup.h nhumy.c    tnhan.c     vi.c
ngan@Desktop:~/bt-git/group06$
```

- Duy cập nhật

```
b1809443@b1809443-VirtualBox:~/bt-git/group06-git$ git pull
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only       # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
Password:
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 2), reused 0 (delta 0)
Unpacking objects: 100% (3/3), 333 bytes | 333.00 KiB/s, done.
From ssh://git.code.sf.net/p/group06/git
   4b5df42..f66ba76  master    -> origin/master
Updating 4b5df42..f66ba76
Fast-forward
 thuvien.c | 4 +++++
 1 file changed, 4 insertions(+)
b1809443@b1809443-VirtualBox:~/bt-git/group06-git$ ls
anhthu.c    kimngan.c    nhom6.c    thuvien.c    tuyenduy.c    vivandat.c
huynhnhu.c  libmygroup.h nhumy.c    tnhan.c     vi.c
b1809443@b1809443-VirtualBox:~/bt-git/group06-git$
```

- Vi cập nhật

```
b1809429@b1809429-VirtualBox: ~/bt-git/group06-git
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$ git pull
Password:
Already up to date.
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$
```


4/ Mỗi thành viên thêm vào tập tin `thuvien.c` một hàm có tên là **chao_ten_cua_ban()** với `ten_cua_ban` và tên riêng của thành viên. Hàm in ra màn hình dòng thông tin là Họ và tên của thành viên. Commit và push để cập nhật lên kho cục bộ và kho ở xa. Xử lý đụng độ nếu xảy ra. Chụp lại nội dung của thư mục phiên bản làm việc khi động độ xảy ra để lưu vào tập tin kết quả nộp bài.

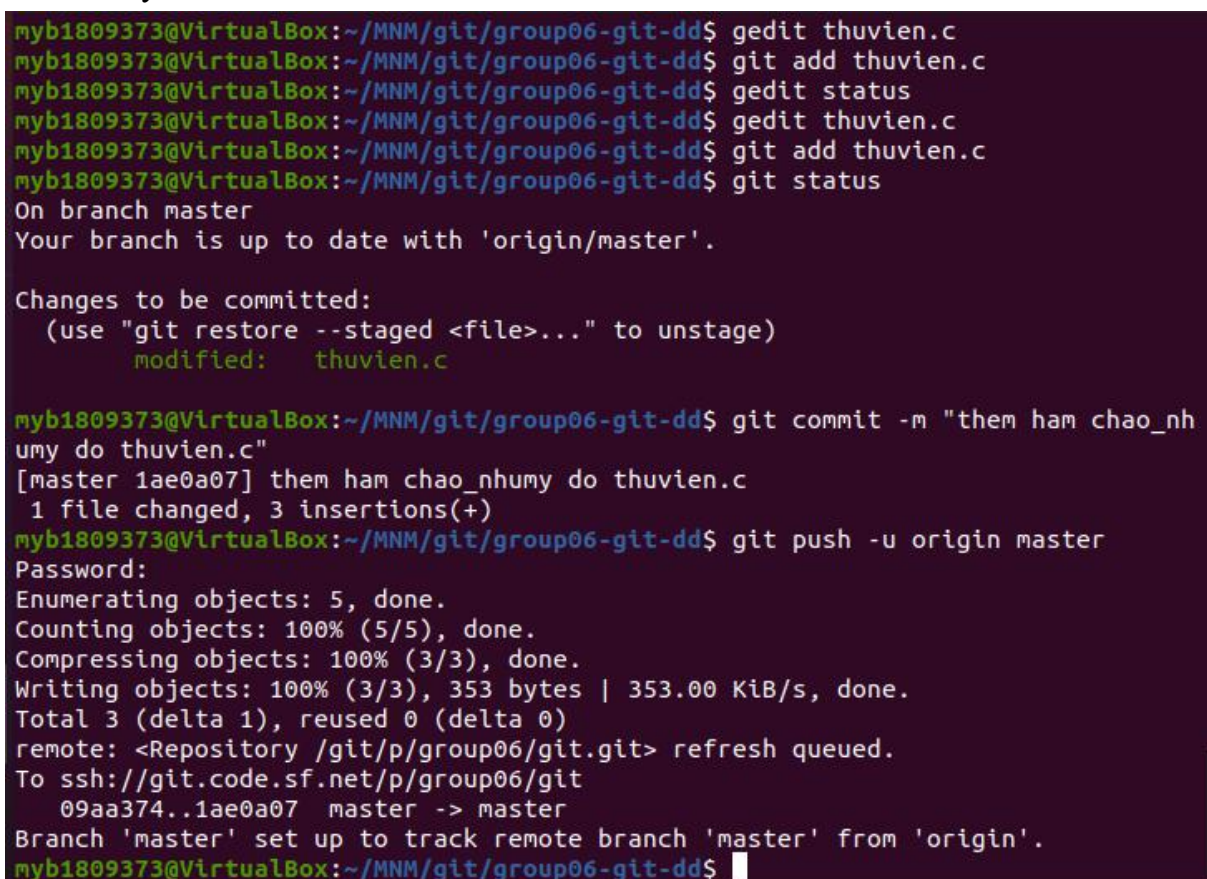
- + My thêm hàm (không xảy ra đụng độ vì là người cập nhật đầu tiên)

Nội dung file



```
1 #include<stdio.h>
2
3 void chao_nhomy()
4     printf("\nHi Pham Thi Nhu My !!\n");
5
```

Đẩy lên dự án



```
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ gedit thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git add thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ gedit status
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ gedit thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git add thuvien.c
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   thuvien.c

myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git commit -m "them ham chao_nh
umy do thuvien.c"
[master 1ae0a07] them ham chao_nhomy do thuvien.c
 1 file changed, 3 insertions(+)
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$ git push -u origin master
Password:
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 353 bytes | 353.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: <Repository /git/p/group06/git.git> refresh queued.
To ssh://git.code.sf.net/p/group06/git
 09aa374..1ae0a07  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
myb1809373@VirtualBox:~/MNM/git/group06-git-dd$
```

- + Như thực hiện

```
Open  [icon]  *thuvien.c  Save  [icon]  [icon]  [icon]
~/TranThiHuynhNhu/group06-GIT-2

1 #include<stdio.h>
2
3 chao_huynhnhu()
4 printf("\nHỌ tên: Trần Thị Huỳnh Như\n");
5
```

```
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ git add thuvien.c
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ git commit -m "Nh
u da them ham chao_huynhnhu"
[master 1dd5e5b] Nhu da them ham chao_huynhnhu
1 file changed, 3 insertions(+)
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ git push
Password for 'https://b1809385@git.code.sf.net':
To https://git.code.sf.net/p/group06/git
 ! [rejected]      master -> master (fetch first)
error: failed to push some refs to 'https://b1809385@git.code.sf.net/p/group06/
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.
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0)
Unpacking objects: 100% (3/3), 333 bytes | 333.00 KiB/s, done.
From https://git.code.sf.net/p/group06/git
   09aa374..1ae0a07  master    -> origin/master
Auto-merging thuvien.c
CONFLICT (content): Merge conflict in thuvien.c
Automatic merge failed; fix conflicts and then commit the result.
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$ nano thuvien.c
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06-GIT-2$
```

```
b1809385@b1809385-VirtualBox: ~/Tr... x b1809385@b1809385-VirtualBox: ~/Tr... x
GNU nano 4.8 thuvien.c
#include<stdio.h>
<<<<<<< HEAD
chao_huynhnhu(){
    printf("\nHỌ tên: Trần Thị Huỳnh Như\n");
}
=====
void chao_nhumy(){
    printf("\nHi Phạm Thị Nhu My !!\n");
}
>>>>>> 1ae0a07cabccd3c785db5e4c3e8004a677288bd9
```

```
GNU nano 4.8 thuvien.c Modified
#include<stdio.h>

chao_huynhnhu(){
    printf("\nHỌ tên: Trần Thị Huỳnh Như\n");
}

void chao_nhumy(){
    printf("\nHi Phạm Thị Nhu My !!\n");
}

b1809385@b1809385-VirtualBox: ~/TranThiHuynhNhu/group06-GIT-2$ git add thuvien.c
b1809385@b1809385-VirtualBox: ~/TranThiHuynhNhu/group06-GIT-2$ git commit -m "Nh
u them ham chao_huynhnhu"
[master 04369db] Nhu them ham chao_huynhnhu
b1809385@b1809385-VirtualBox: ~/TranThiHuynhNhu/group06-GIT-2$ git push
Password for 'https://b1809385@git.code.sf.net':
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 670 bytes | 670.00 KiB/s, done.
Total 6 (delta 3), reused 0 (delta 0)
remote: <Repository /git/p/group06/git> refresh queued.
To https://git.code.sf.net/p/group06/git
    1ae0a07..04369db master -> master
b1809385@b1809385-VirtualBox: ~/TranThiHuynhNhu/group06-GIT-2$
```


Summary	Files	Reviews	Support	Git	Tickets	SVN	Wiki	Discussion	Admin
<div> <div>[04369d]: /thuvien.c</div> <div>Maximize History</div> </div>									
Browse Commits		Download this file							
Fork		10 lines (7 with data), 152 Bytes							
Merge Requests (0)		<pre> 1 #include<stdio.h> 2 3 chao_huynhnhu(){ 4 printf("\nHọ tên: Trần Thị Huỳnh Như\n"); 5 } 6 7 void chao_nhumy(){ 8 printf("\nHi Phạm Thị Nhu My !!\n"); 9 } </pre>							
Branches									
master									

- Duy thực hiện không xảy ra đụng độ
- + thêm hàm:

```

1 #include<stdio.h>
2
3 void chao_huynhnhu(){
4     printf("HỌ tên: Trần Thị Huỳnh Như\n");
5 }
6
7 void chao_nhumy(){
8     printf("Hi Phạm Thị Nhu My !!\n");
9 }
10 void chao_vivandat(){
11     printf("Vi Van Dat\n");
12 }
13
14 void chao_nhan(){
15     printf("Tran Trong Nhan\n");
16 }
17
18 void chao_tuyenduy(){
19     printf("Le Tuyen Duy\n");

```

- + Cập nhật dự án lên kho

```

b1809443@b1809443-VirtualBox:~/bt-git/group06-git$ git add .
b1809443@b1809443-VirtualBox:~/bt-git/group06-git$ git commit -m "Them file"
[master 4b5df42] Them file
 1 file changed, 3 insertions(+)
b1809443@b1809443-VirtualBox:~/bt-git/group06-git$ git push -u origin master
Password:
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 338 bytes | 169.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: <Repository /git/p/group06/git.git> refresh queued.
To ssh://git.code.sf.net/p/group06/git
 4533d5a..4b5df42  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

```


+ kho ở xa

[f66ba7]: /thuvien.c

[Download this file](#)

24 lines (19 with data), 359 Bytes

```
1  #include<stdio.h>
2
3  void chao_huynhnhu(){
4      printf("Họ tên: Trần Thị Huỳnh Như\n");
5  }
6
7  void chao_nhomy(){
8      printf("Hi Pham Thi Nhu My !!\n");
9  }
10 void chao_vivandat(){
11     printf("Vi Van Dat\n");
12 }
13
14 void chao_nhan(){
15     printf("Tran Trong Nhan\n");
16 }
17
18 void chao_tuyenduy(){
19     printf("Le Tuyen Duy\n");
20 }
```

- Anh Thu:

```
anhthub1809411@anhthub1809411-VirtualBox: ~/Open...
GNU nano 5.4      thuvien.c
#include<stdio.h>

void chao_huynhnhu(){
    printf("HỌ tên: Trần Thị Huỳnh Như\n");
}

void chao_nhomy(){
    printf("Hi Pham Thi Nhu My !!\n");
}
void chao_vivandat(){
    printf("Vi Van Dat\n");
}

void chao_nhan(){
    printf("Tran Trong Nhan\n");
}

void chao_tuyenduy(){
    printf("Le Tuyen Duy\n");
}
void chao_anhthu(){
    printf("Le Anh Thu\n");
}
```

```

anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git/group06-conflict
$ nano thuvien.c
anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git/group06-conflict
$ git add .
anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git/group06-conflict
$ git commit -m "Anh Thu them ham chao_anhthu() vao thuvien.c"
[master f66ba76] Anh Thu them ham chao_anhthu() vao thuvien.c
1 file changed, 4 insertions(+)
anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git/group06-conflict
$ git remote -v
origin https://anhanh@git.code.sf.net/p/group06/git (fetch)
origin https://anhanh@git.code.sf.net/p/group06/git (push)

```

Không xảy ra đụng độ

```

anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git/group06-conflict
$ git push
Password for 'https://anhanh@git.code.sf.net':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 353 bytes | 353.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: <Repository /git/p/group06/git.git> refresh queued.
To https://git.code.sf.net/p/group06/git
4b5df42..f66ba76 master -> master

```

- Ngân thực hiện:
 - + Thêm hàm:

```

GNU nano 4.8 thuvien.c
#include<stdio.h>

void chao_huynhnhu(){
    printf("HỌ tên: Tr ấ n Th ị Hu ỳ nh Nh ư \n");
}

void chao_nhumy(){
    printf("H ỉ Ph ạm Th ị Nh ư M ỹ !!\n");
}

void chao_vivandat(){
    printf("V ị V ạn D ạt \n");
}

void chao_nhan(){
    printf("Tr ầ n Tr ồ ng Nh ậ n \n");
}

void chao_tuyenduy(){
    printf("L ê T ỳ ệ n D ụ y \n");
}

void chao_kimngan(){
    printf("V ồ Th ị K ị m Ng ậ n \n");
}

```

- + Cập nhật lên kho:


```

ngan@Desktop:~/bt-git/group06$ nano thuvien.c
ngan@Desktop:~/bt-git/group06$ git add thuvien.c
ngan@Desktop:~/bt-git/group06$ git commit -m "Ngan da them vao ham chao_kimngan()"
[master db13d31] Ngan da them vao ham chao_kimngan()
1 file changed, 5 insertions(+)
ngan@Desktop:~/bt-git/group06$ git push
Password:
To ssh://git.code.sf.net/p/group06/git
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'ssh://nganb1809376@git.code.sf.net/p/group06/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.
ngan@Desktop:~/bt-git/group06$

```

-> Xảy ra đụng độ

+ Xử lý đụng độ

```

ngan@Desktop:~/bt-git/group06$ git pull
Password:
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 2), reused 0 (delta 0)
Unpacking objects: 100% (3/3), 333 bytes | 333.00 KiB/s, done.
From ssh://git.code.sf.net/p/group06/git
 4b5df42..f66ba76 master -> origin/master
Auto-merging thuvien.c
CONFLICT (content): Merge conflict in thuvien.c
Automatic merge failed; fix conflicts and then commit the result.
ngan@Desktop:~/bt-git/group06$ nano thuvien.c
ngan@Desktop:~/bt-git/group06$

```

+ Tập tin bị đụng độ

```

ngan@Desktop: ~/bt-git/group06
GNU nano 4.8 thuvien.c
}

void chao_nhomy(){
    printf("Hi Pham Thi Nhu My !!\n");
}
void chao_vivandat(){
    printf("Vi Van Dat\n");
}
void chao_nhan(){
    printf("Tran Trong Nhan\n");
}
void chao_tuyenduy(){
    printf("Le Tuyen Duy\n");
}
<<<<<< HEAD
void chao_kimngan(){
    printf("Vo Thi Kim Ngan\n");
}
=====
void chao_anhthu(){
    printf("Le Anh Thu\n");
}
>>>>>> f66ba761c829883e8f420b517e4f4a3fd68b7ba3
}

```

+ Sửa đổi file

```
ngan@Desktop: ~/bt-git/group06
GNU nano 4.8          thuvien.c
printf("HỌ tên: Trần Thị Huỳnh Như\n");
}

void chao_nhumy(){
    printf("Hi Phạm Thị Nhu My !!\n");
}
void chao_vivandat(){
    printf("Vi Van Dat\n");
}

void chao_nhan(){
    printf("Tran Trong Nhan\n");
}

void chao_tuyenduy(){
    printf("Le Tuyen Duy\n");
}

void chao_kimngan(){
    printf("Vo Thi Kim Ngan\n");
}
void chao_anhthu(){
    printf("Le Anh Thu\n");
}
```

+ Cập nhật lên kho

```
ngan@Desktop:~/bt-git/group06$ git add thuvien.c
ngan@Desktop:~/bt-git/group06$ git commit -m "Ngan da them vao ham chao_kimngan()"
On branch master
Your branch is ahead of 'origin/master' by 4 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
ngan@Desktop:~/bt-git/group06$ git push -u origin master
Password:
Enumerating objects: 20, done.
Counting objects: 100% (20/20), done.
Compressing objects: 100% (12/12), done.
Writing objects: 100% (12/12), 1.25 KiB | 426.00 KiB/s, done.
Total 12 (delta 8), reused 0 (delta 0)
remote: <Repository /git/p/group06/git.git> refresh queued.
To ssh://git.code.sf.net/p/group06/git
   c1199a8..9ed7796  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
ngan@Desktop:~/bt-git/group06$
```

- Vi thực hiện:


```
b1809429@b1809429-VirtualBox: ~/bt-git/group06-git
GNU nano 4.8          thuvien.c          Modified
}
void chao_vivandat(){
    printf("Vi Van Dat\n");
}

void chao_nhan(){
    printf("Tran Trong Nhan\n");
}

void chao_tuyenduy(){
    printf("Le Tuyen Duy\n");
}

void chao_anhthu(){
    printf("Le Anh Thu\n");
}

void chao_vi(){
    printf("\nVo Mong Vi\n");
}
}
```

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line

```
b1809429@b1809429-VirtualBox: ~/bt-git/group06-git
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$ nano thuvien.c
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$ git add .
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$ git commit -m "Cap nhât noi d
ung file thuvien.c"
[master c1199a8] Cap nhât noi dung file thuvien.c
 1 file changed, 1 insertion(+), 1 deletion(-)
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$ git push -u origin master
Password:
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 337 bytes | 337.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: <Repository /git/p/group06/git.git> refresh queued.
To ssh://git.code.sf.net/p/group06/git
   0d4975c..c1199a8  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$
```

5/ Nhóm trưởng cập nhật lại nội dung file nhomX.c để sử dụng hàm chao_ten_cua_ban() thay vì say_ten_cua_ban().
+ File libmygroup.h

```
libmygroup.h
~/MNM/git/group...
Open Save
1 void chao_vi();
2 void chao_anhthu();
3 void chao_huynhnhu();
4 void chao_nhan();
5 void chao_nhumy();
6 void chao_vivandat();
7 void chao_kimngan();
8 void chao_tuyenduy();
9
```

+ File nhom6.c

```
nhom6.c
~/MNM/git/group...
Open Save
1 #include <stdio.h>
2 #include "libmygroup.h"
3 int main(){
4     chao_huynhnhu();
5     chao_anhthu();
6     chao_vi();
7     chao_nhan();
8     chao_nhumy();
9     chao_vivandat();
10    chao_kimngan();
11    chao_tuyenduy();
12    return 0;
13 }
```

6/ Mỗi thành viên hãy cập nhật lại nội dung của thư mục dự án của mình.

- Nhân cập nhật

```
b1809382@b1809382-VirtualBox:~/group06git/group06$ git pull
remote: Enumerating objects: 26, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (24/24), done.
remote: Total 24 (delta 15), reused 0 (delta 0)
Unpacking objects: 100% (24/24), 2.38 KiB | 222.00 KiB/s, done.
Files https://git.code.sf.net/p/group06/git
4533d5a..9ed7796 master -> origin/master
Updating 4533d5a..9ed7796
Fast-forward
 thuvien.c | 15 +++++
 1 file changed, 15 insertions(+)
```

- Vi cập nhật


```
b1809429@b1809429-VirtualBox: ~/bt-git/group06-git
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$ git pull
Password:
remote: Enumerating objects: 20, done.
remote: Counting objects: 100% (20/20), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 12 (delta 8), reused 0 (delta 0)
Unpacking objects: 100% (12/12), 1.23 KiB | 629.00 KiB/s, done.
From ssh://git.code.sf.net/p/group06/git
   c1199a8..9ed7796  master    -> origin/master
Updating c1199a8..9ed7796
Fast-forward
  thuvien.c | 4 +++++
  1 file changed, 4 insertions(+)
b1809429@b1809429-VirtualBox:~/bt-git/group06-git$
```

- Anh Thư cập nhật:

```
anhthub1809411@anhthub1809411-VirtualBox:~/OpenSource/bt-git/group06-conflict$
git pull
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the followin
g
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only       # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase
,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
remote: Enumerating objects: 22, done.
remote: Counting objects: 100% (22/22), done.
remote: Compressing objects: 100% (18/18), done.
remote: Total 18 (delta 12), reused 0 (delta 0)
Unpacking objects: 100% (18/18), 1.78 KiB | 31.00 KiB/s, done.
From https://git.code.sf.net/p/group06/git
   f66ba76..9ed7796  master    -> origin/master
Updating f66ba76..9ed7796
Fast-forward
  thuvien.c | 8 ++++++++
  1 file changed, 8 insertions(+)

```

- Ngân cập nhật:

```

ngan@Desktop:~/bt-git/group06$ git pull
Password:
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 2), reused 0 (delta 0)
Unpacking objects: 100% (3/3), 268 bytes | 268.00 KiB/s, done.
From ssh://git.code.sf.net/p/group06/git
    9ed7796..db0a63c  master    -> origin/master
Updating 9ed7796..db0a63c
Fast-forward
  tnhan.c | 2 +-
  1 file changed, 1 insertion(+), 1 deletion(-)
ngan@Desktop:~/bt-git/group06$

```

Duy cập nhật

```

b1809443@b1809443-VirtualBox:~/bt-git/group06-git$ git pull
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only        # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
Password:
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (21/21), done.
remote: Total 21 (delta 14), reused 0 (delta 0)
Unpacking objects: 100% (21/21), 2.06 KiB | 175.00 KiB/s, done.
From ssh://git.code.sf.net/p/group06/git
    f66ba76..db0a63c  master    -> origin/master
Updating f66ba76..db0a63c
Fast-forward
  thuvien.c | 8 ++++++++
  tnhan.c   | 2 +-
  2 files changed, 9 insertions(+), 1 deletion(-)
b1809443@b1809443-VirtualBox:~/bt-git/group06-git$

```

7/ Dịch để thực thi dự án.


```

b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06BTN$ gcc -o nhom6 nhom6.c
thuvien.c
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06BTN$ ./nhom6
HỌ tên: Trần Thị Huỳnh Như
Le Anh Thu

Vo Mong Vi
Tran Trong Nhan
Hi Phan Thi Nhu My !!
Vi Van Dat
Vo Thi Kim Ngan
Le Tuyen Duy
b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06BTN$

```

8/Đánh lệnh để cho thấy chi tiết lịch sử sửa đổi của dự án.

Link <https://sourceforge.net/p/group06/git/ci/4b5df4228c380ba5ea92ca0716527576f5a0057e/log/?path=> xem lịch sử:

```

b1809385@b1809385-VirtualBox:~/TranThiHuynhNhu/group06BTN$ git log
commit db0a63c2a87d8e6d5a2548ca77c8f18a27e9edc6 (HEAD -> master, origin/master,
origin/HEAD)
Author: trongnhan <trongnhan18082k@gmail.com>
Date:   Wed Nov 10 10:14:35 2021 +0700

    sua tnhan.c

commit 9ed77960cb4c315bf0627163f827fc00d55a9400
Merge: bb5eba1 c1199a8
Author: nganb1809376 <nganb1809376@student.ctu.edu.vn>
Date:   Wed Nov 10 10:01:28 2021 +0700

    Merge branch 'master' of ssh://git.code.sf.net/p/group06/git

commit c1199a8d935efce68e17b6ab74d31f8bc639e05a
Author: Vo Mong Vi <vib1809429@student.ctu.edu.vn>
Date:   Wed Nov 10 09:59:35 2021 +0700

    Cap nhat noi dung file thuvien.c

commit bb5eba1782b3258b2d561664c10803341cb54fc0
Merge: 25bbedb 0d4975c
Author: nganb1809376 <nganb1809376@student.ctu.edu.vn>
Date:   Wed Nov 10 09:58:54 2021 +0700

```

```
Author: Vo Mong Vi <vib1809429@student.ctu.edu.vn>  
Date: Wed Nov 10 09:59:35 2021 +0700
```

Cap nhat noi dung file thuvien.c

```
commit bb5eba1782b3258b2d561664c10803341cb54fc0  
Merge: 25bbedb 0d4975c  
Author: nganb1809376 <nganb1809376@student.ctu.edu.vn>  
Date: Wed Nov 10 09:58:54 2021 +0700
```

Merge branch 'master' of ssh://git.code.sf.net/p/group06/git

```
commit 25bbedb95933993e9e3694477f2e8e224db41576  
Merge: db13d31 f66ba76  
Author: nganb1809376 <nganb1809376@student.ctu.edu.vn>  
Date: Wed Nov 10 09:57:42 2021 +0700
```

Ngan da them vao ham chao_kimngan()

```
commit 0d4975cff5675ffecf3d8ca7291751c9b4088004  
Author: Vo Mong Vi <vib1809429@student.ctu.edu.vn>  
Date: Wed Nov 10 09:55:26 2021 +0700
```

Cap nhat noi dung file thuvien.c

```
commit db13d311a43b936f152126ddb62ed507cc74fa90  
:
```

```
commit 0d4975cff5675ffecf3d8ca7291751c9b4088004  
Author: Vo Mong Vi <vib1809429@student.ctu.edu.vn>  
Date: Wed Nov 10 09:55:26 2021 +0700
```

Cap nhat noi dung file thuvien.c

```
commit db13d311a43b936f152126ddb62ed507cc74fa90  
Author: nganb1809376 <nganb1809376@student.ctu.edu.vn>  
Date: Wed Nov 10 09:47:39 2021 +0700
```

Ngan da them vao ham chao_kimngan()

```
commit f66ba761c829883e8f420b517e4f4a3fd68b7ba3  
Author: anhthu <anhththu0018@gmail.com>  
Date: Wed Nov 10 09:44:15 2021 +0700
```

Anh Thu them ham chao_anhthu() vao thuvien.c

```
commit 4b5df4228c380ba5ea92ca0716527576f5a0057e  
Author: duyb1809443 <huyb1812034@student.ctu.edu.vn>  
Date: Wed Nov 10 09:37:16 2021 +0700
```

Them file

```
commit 4533d5a28faeb5ea33d4a47930180133ad446cc5  
:
```