

SE 2XB3 Group 4 Report 1

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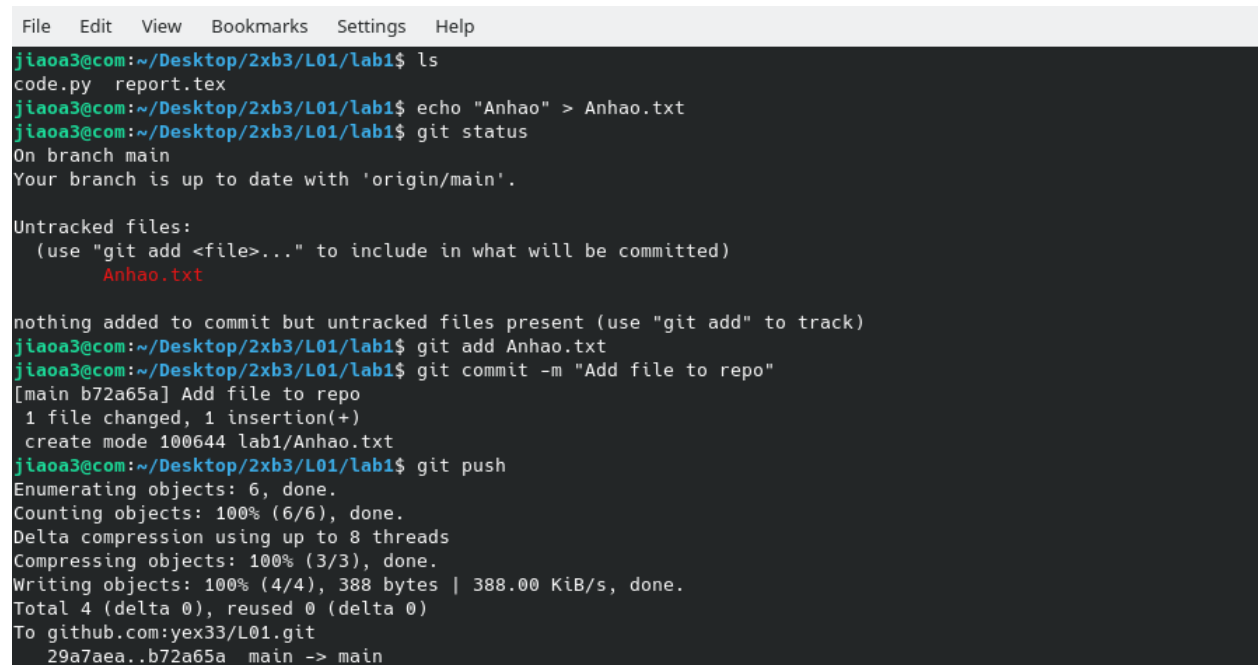
Team Contract

- We will primarily be using Discord to communicate.
- All members must respond to messages which they are mentioned in within 2 hours.
- During 3:30pm–5:30pm on Mondays, all members must present in a Discord meeting to prepare for the lab on Tuesday.
- During the assigned lab period on Tuesdays 8:30am–11:20am, all members must present in a Discord meeting to work on the lab.

1 Version Control

1.1 Experiment 1: Push and Pull

All group members successfully pushed their new files to the remote repository and pulled the files created by other group members from the remote repository.



```
File Edit View Bookmarks Settings Help
jiaoa3@com:~/Desktop/2xb3/L01/lab1$ ls
code.py  report.tex
jiaoa3@com:~/Desktop/2xb3/L01/lab1$ echo "Anhao" > Anhao.txt
jiaoa3@com:~/Desktop/2xb3/L01/lab1$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)
jiaoa3@com:~/Desktop/2xb3/L01/lab1$ git add Anhao.txt
jiaoa3@com:~/Desktop/2xb3/L01/lab1$ git commit -m "Add file to repo"
[main b72a65a] Add file to repo
 1 file changed, 1 insertion(+)
 create mode 100644 lab1/Anhao.txt
jiaoa3@com:~/Desktop/2xb3/L01/lab1$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 388 bytes | 388.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To github.com:yex33/L01.git
 29a7aea..b72a65a  main -> main
```

Figure 1: Member 1

```

kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ ls
code.py  report.tex
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ git pull
Warning: Permanently added the RSA host key for IP address '140.82.114.3' to the list of known hosts.
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 368 bytes | 368.00 KiB/s, done.
From github.com:yex33/L01
   29a7aea..b72a65a  main      -> origin/main
Updating 29a7aea..b72a65a
Fast-forward
 lab1/Anhao.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 lab1/Anhao.txt
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ ls
Anhao.txt  code.py  report.tex
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ echo "Kehao" > kehao.txt
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ git add *
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ git commit -m "file created"
[main 2313a5f] file created
 1 file changed, 1 insertion(+)
 create mode 100644 lab1/kehao.txt
kehaoh@kehao-kdeneon:~/Desktop/2xb3/L01/lab1$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 421 bytes | 421.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To github.com:yex33/L01.git
   b72a65a..2313a5f  main -> main

```

Figure 2: Member 2

```
lab1 : zsh — Konsole
> ls
auto code.py report.aux report.log report.synctex.gz report.tex
> git pull
Enter passphrase for key '/home/joe/.ssh/mac-yex33':
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 8 (delta 1), reused 7 (delta 0), pack-reused 0
Unpacking objects: 100% (8/8), 663 bytes | 663.00 KiB/s, done.
From github.com:yex33/L01
  29a7aea..2313a5f  main      -> origin/main
Updating 29a7aea..2313a5f
Fast-forward
 lab1/Anhao.txt | 1 +
 lab1/kehao.txt | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 lab1/Anhao.txt
 create mode 100644 lab1/kehao.txt
> ls
Anhao.txt auto code.py kehao.txt report.aux report.log report.synctex.gz report.tex
> echo "something" > xunzhou.txt
> git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)
> git add *
The following paths are ignored by one of your .gitignore files:
lab1/report.aux
lab1/report.log
lab1/report.synctex.gz
Use -f if you really want to add them.
> git commit -m "xunzhou added file"
[main 49e688b] xunzhou added file
 1 file changed, 1 insertion(+)
 create mode 100644 lab1/xunzhou.txt
> git push
Enter passphrase for key '/home/joe/.ssh/mac-yex33':
Enter passphrase for key '/home/joe/.ssh/mac-yex33':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 364 bytes | 364.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:yex33/L01.git
```

Figure 3: Member 3