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```
ahurst  ~  cd repos/
ahurst  ~  repos  git clone https://github.com/TAYOsman/Lab-1.git
Cloning into 'Lab-1'...
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 8 (delta 1), reused 8 (delta 1), pack-reused 0
Unpacking objects: 100% (8/8), done.
ahurst  ~  repos
```

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```
ahurst  ~  repos  Lab-1  ls                                          master
BranchExample.txt   IgnoreExample.txt   RemoveExample.txt
ahurst  ~  repos  Lab-1  echo Alexander Hurst\n100620049 > Student.txt
ahurst  ~  repos  Lab-1  git add Student.txt                         master
ahurst  ~  repos  Lab-1  git commit . -m"added Student file"         master
[master b372889] added Student file
 1 file changed, 2 insertions(+)
```

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```
ahurst  ~  repos  Lab-1
git push -u https://github.com/AlexanderHurst/ProManLab1.git master
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (11/11), 887 bytes | 443.00 KiB/s, done.
Total 11 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/AlexanderHurst/ProManLab1.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'https://github.com/
AlexanderHurst/ProManLab1.git'.
ahurst  ~  repos  Lab-1
```

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ahurst ~ › repos › Lab-1 › git status   ∤ master
On branch master
nothing to commit, working tree clean
ahurst ~ › repos › Lab-1   cat IgnoreExample.txt > .gitignore   ∤ master
ahurst ~ › repos › Lab-1   echo *.jpeg >> IgnoreExample.txt   ∤ master
fish: No matches for wildcard "*.jpeg". See `help expand`.
echo *.jpeg >> IgnoreExample.txt
      ^
ahurst ~ › repos › Lab-1   echo *.jpeg >> IgnoreExample.txt
ahurst ~ › repos › Lab-1   git status   ∤ master
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified: IgnoreExample.txt

no changes added to commit (use "git add" and/or "git commit -a")
ahurst ~ › repos › Lab-1   ∤ master

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ahurst ~ › repos › Lab-1 › git commit . -m"added image files"
[master 57d255e] added image files
 1 file changed, 1 insertion(+)
ahurst ~ › repos › Lab-1   git push   ∤ master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 268 bytes | 268.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/AlexanderHurst/ProManLab1.git
   b372889..57d255e master -> master
ahurst ~ › repos › Lab-1   git status   ∤ master
On branch master

fish /home/ahurst/repos/Lab-1

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```
ahurst   ~  repos  Lab-1   git push                                    master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 268 bytes | 268.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/AlexanderHurst/ProManLab1.git
   b372889..57d255e  master -> master
ahurst   ~  repos  Lab-1   git status                                   master
On branch master
nothing to commit, working tree clean
ahurst   ~  repos  Lab-1   git branch dev                               master
ahurst   ~  repos  Lab-1   git checkout dev                             master
```

fish /home/ahurst/repos/Lab-1

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```
ahurst   ~  repos  Lab-1   git checkout dev                             master
Switched to branch 'dev'
ahurst   ~  repos  Lab-1   nano BranchExample.txt                       dev
ahurst   ~  repos  Lab-1   git add BranchExample.txt                    dev
ahurst   ~  repos  Lab-1   git commit . -m"dev branch"                  dev
[dev 9543b8c] dev branch
 1 file changed, 1 insertion(+)
ahurst   ~  repos  Lab-1   nano BranchExample.txt                       dev
```

nano /home/ahurst/repos/Lab-1

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```
  GNU nano 3.2                    BranchExample.txt

This is the dev branch



                          [ Read 1 line ]
^G Get Help   ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify    ^C Cur Pos
^X Exit       ^R Read File  ^\ Replace    ^U Uncut Text ^T To Spell   ^_ Go To Line
```

fish /home/ahurst/repos/Lab-1

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```
ahurst  ~  repos  Lab-1  nano BranchExample.txt                    dev
ahurst  ~  repos  Lab-1  git push                                  dev
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

ahurst  ~  repos  Lab-1
git push --set-upstream https://github.com/AlexanderHurst/ProManLab1.git dev
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 278 bytes | 278.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'dev' on GitHub by visiting:
remote:        https://github.com/AlexanderHurst/ProManLab1/pull/new/dev
remote:
To https://github.com/AlexanderHurst/ProManLab1.git
 * [new branch]      dev -> dev
Branch 'dev' set up to track remote branch 'dev' from 'https://github.com/Alexan
derHurst/ProManLab1.git'.
ahurst  ~  repos  Lab-1                                            dev
```

BranchExample.txt
~/repos/Lab-1

Open ▼   Save

Plain Text ▼   Tab Width: 8 ▼   Ln 1, Col 1   ▼   INS

gedit /home/ahurst/repos/Lab-1

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```
    git push --set-upstream origin dev
ahurst  ~  repos  Lab-1
git push --set-upstream https://github.com/AlexanderHurst/ProManLab1.git dev
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 278 bytes | 278.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'dev' on GitHub by visiting:
remote:        https://github.com/AlexanderHurst/ProManLab1/pull/new/dev
remote:
To https://github.com/AlexanderHurst/ProManLab1.git
 * [new branch]      dev -> dev
Branch 'dev' set up to track remote branch 'dev' from 'https://github.com/Alexan
derHurst/ProManLab1.git'.
ahurst  ~  repos  Lab-1  git checkout master                       dev
Switched to branch 'master'
ahurst  ~  repos  Lab-1  cat BranchExample.txt                     master
ahurst  ~  repos  Lab-1  gedit BranchExample.txt                   master
```

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```
                              ahurst@alexander-pc
                              --------------------
                              OS: Manjaro Linux x86_64
                              Host: Precision 3520
                              Kernel: 4.19.13-1-MANJARO
                              Uptime: 4 days, 16 hours, 42 mins
                              Packages: 1071 (pacman)
                              Shell: fish 2.7.1
                              Resolution: 1920x1080
                              DE: Budgie
                              WM: Mutter(Budgie)
                              Theme: Adapta-Maia [GTK2/3]
                              Icons: Papirus-Adapta-Maia [GTK2/3]
                              Terminal: gnome-terminal
                              CPU: Intel i5-7300HQ (4) @ 3.500GHz
                              GPU: Intel Device 591b
                              GPU: NVIDIA Quadro M620 Mobile
                              Memory: 2618MiB / 15921MiB


Welcome to fish, the friendly interactive shell
ahurst   ~   cd repos/
ahurst   ~   repos   cd Lab-1/                                            master
ahurst   ~   repos   Lab-1   ls
BranchExample.txt   IgnoreExample.txt   RemoveExample.txt   Student.txt
ahurst   ~   repos   Lab-1   rm RemoveExample.txt                        master
ahurst   ~   repos   Lab-1   git commit                                  master
On branch master
Changes not staged for commit:
        deleted:    RemoveExample.txt

no changes added to commit
ahurst   ~   repos   Lab-1   git commit . -m"removed file"          1    master
[master 99a2066] removed file
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 RemoveExample.txt
ahurst   ~   repos   Lab-1   git status                                  master
On branch master
nothing to commit, working tree clean
ahurst   ~   repos   Lab-1   git push                                    master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 225 bytes | 225.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/AlexanderHurst/ProManLab1.git
   57d255e..99a2066  master -> master
ahurst   ~   repos   Lab-1   git status                                  master
On branch master
nothing to commit, working tree clean
ahurst   ~   repos   Lab-1
```

```
ahurst   ~   repos   Lab-1   git status                                  master
On branch master
nothing to commit, working tree clean
ahurst   ~   repos   Lab-1   git clean                                   master
fatal: clean.requireForce defaults to true and neither -i, -n, nor -f given; refusing to clean
ahurst   ~   repos   Lab-1   git clean -f                          128   master
ahurst   ~   repos   Lab-1   git status                                  master
On branch master
nothing to commit, working tree clean
ahurst   ~   repos   Lab-1
```