

```
100598499@UOSL19-G69LZW2 MINGW64 ~  
$ git init  
Initialized empty Git repository in C:/Users/100598499/.git/
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)  
$ echo "#lab-1-876ad" >> README.md  
  
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)  
$ git add README.md  
warning: LF will be replaced by CRLF in README.md.  
The file will have its original line endings in your working directory  
  
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)  
$ git commit -m "first commit"  
[master (root-commit) 5b26c99] first commit  
1 file changed, 1 insertion(+)  
create mode 100644 README.md  
git  
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)  
$ git remote add origin https://github.com/SPM-OT/lab-1-876ad.git  
  
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)  
$ git push -u origin master  
Logon failed, use ctrl+c to cancel basic credential prompt.  
git push -u origin master
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)  
$ git push -u origin master  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 234 bytes | 15.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0)  
To https://github.com/SPM-OT/lab-1-876ad.git  
* [new branch]      master -> master  
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ touch student.txt
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ cat >>student.txt
Adam Wong Chew Onn 100598499
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git commit student.txt -m "student file"
warning: LF will be replaced by CRLF in student.txt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in student.txt.
The file will have its original line endings in your working directory
[master 816263a] student file
 1 file changed, 1 insertion(+)
 create mode 100644 student.txt
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push -u origin master
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), 318 bytes | 106.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/SPM-OT/lab-1-876ad.git
   5b26c99..816263a  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add Lab1_100598499.pdf

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git commit -m Lab1_100598499.pdf
[master 9c6d517] Lab1_100598499.pdf
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 100598499_AdamWongChewOnnLab1
 create mode 100644 100598499_AdamWongChewOnnLab1.txt
 create mode 100644 Lab1_100598499.pdf

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 165.14 KiB | 12.70 MiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://github.com/SPM-OT/lab-1-876ad.git
   816263a..9c6d517  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

```
100598499@U05L19-G69LZW2 MINGW64 ~ (master)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .IdeaIC2019.2/
    .VirtualBox/
    .android/
    .gitconfig
    .m2/
    .viminfo
    3D Objects/
    AppData/
    Contacts/
    Desktop/
    Documents/
    Downloads/
    Favorites/
    IdeaProjects/
    IgnoreExample.txt
    IntelGraphicsProfiles/
    Links/
    MicrosoftEdgeBackups/
    Music/
    NTUSER.DAT
    NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TM.blf
    NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer000000000000
00000001.regtrans-ms
    NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer000000000000
00000002.regtrans-ms
    OneDrive/
    Pictures/
    Saved Games/
    Searches/
    Videos/
    VirtualBox VMs/
    ntuser.dat.LOG1
    ntuser.dat.LOG2
    ntuser.ini
    ntuser.pol
    source/

nothing added to commit but untracked files present (use "git add" to track)
```



```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ touch IgnoreExample.txt
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git rm -r --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
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add IgnoreExample.gitignore
fatal: pathspec 'IgnoreExample.gitignore' did not match any files
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add .gitignore IgnoreExample.txt
fatal: pathspec '.gitignore' did not match any files
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add IgnoreExample.txt .gitignore
fatal: pathspec '.gitignore' did not match any files
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git rm --cached IgnoreExample.txt
fatal: pathspec 'IgnoreExample.txt' did not match any files
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git rm -r --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
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git rm -r --cached IgnoreExample.txt
fatal: pathspec 'IgnoreExample.txt' did not match any files
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add .gitignore IgnoreExample.txt
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push
Everything up-to-date

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add Lab1_100598499.pdf

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git commit -m Lab1_100598499.pdf
[master 9c6d517] Lab1_100598499.pdf
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 100598499_AdamWongChewOnnLab1
create mode 100644 100598499_AdamWongChewOnnLab1.txt
create mode 100644 Lab1_100598499.pdf

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 165.14 KiB | 12.70 MiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://github.com/SPM-OT/lab-1-876ad.git
   816263a..9c6d517  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ touch IgnoreExample.txt

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  .IdeaIC2019.2/
  .VirtualBox/
  .android/
  .gitconfig
  .m2/
  .viminfo
  3D Objects/
  AppData/
  Contacts/
  Desktop/
  Documents/
```

Untracked files:

(use "git add <file>..." to include in what will be committed)

```
.IdeaIC2019.2/  
.VirtualBox/  
.android/  
.gitconfig  
.m2/  
.viminfo  
3D Objects/  
AppData/  
Contacts/  
Desktop/  
Documents/  
Downloads/  
Favorites/  
IdeaProjects/  
IgnoreExample.txt  
IntelGraphicsProfiles/  
Links/  
MicrosoftEdgeBackups/  
Music/  
NTUSER.DAT  
NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TM.blf  
NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer000000000000  
00000001.regtrans-ms  
NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer000000000000  
00000002.regtrans-ms  
OneDrive/  
Pictures/  
Saved Games/  
Searches/  
Videos/  
VirtualBox VMs/  
ntuser.dat.LOG1  
ntuser.dat.LOG2  
ntuser.ini  
ntuser.pol  
source/
```

nothing added to commit but untracked files present (use "git add" to track)

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)

\$ git rm -r --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



```

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ touch .gitignore

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ cat >> gitignore
IgnoreExample.txt

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ cat >> IgnoreExample.txt
test

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add .gitignore

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push -u origin master
Everything up-to-date
Branch 'master' set up to track remote branch 'master' from 'origin'.

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git commit -m "adding .gitignore gitignore Example"
[master 1a946a7] adding .gitignore gitignore Example
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 .gitignore

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git branch Branch1

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .IdeaIC2019.2/
    .VirtualBox/
    .android/
    .gitconfig
    .m2/
    .viminfo
    3D Objects/

```



```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git checkout Branch1
Switched to branch 'Branch1'
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (Branch1)
$
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (Branch1)
$ git add BranchExample.txt
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (Branch1)
$ git checkout master
Switched to branch 'master'
A       BranchExample.txt
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ touch RemoveExample.txt
```

```
100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git add RemoveExample.txt
warning: LF will be replaced by CRLF in RemoveExample.txt.
The file will have its original line endings in your working directory

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 272 bytes | 68.00 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/SPM-OT/lab-1-876ad.git
   9c6d517..1a946a7  master -> master

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git rm --cached RemoveExample.txt
rm 'RemoveExample.txt'

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git commit -m
error: switch `m' requires a value

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git push
Everything up-to-date

100598499@UOSL19-G69LZW2 MINGW64 ~ (master)
$ git commit -m "remove example"
[master 8fa6b47] remove example
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 BranchExample.txt
```

```

.m2/
.viminfo
3D Objects/
AppData/
Contacts/
Desktop/
Documents/
Downloads/
Favorites/
IdeaProjects/
IgnoreExample.txt
IntelGraphicsProfiles/
Links/
MicrosoftEdgeBackups/
Music/
NTUSER.DAT
NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TM.blf
NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer000000000000
00000001.regtrans-ms
NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer000000000000
00000002.regtrans-ms
OneDrive/
Pictures/
RemoveExample.txt
Saved Games/
Searches/
Videos/
VirtualBox VMs/
gitignore
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
ntuser.pol
source/

```

nothing added to commit but untracked files present (use "git add" to track)

```

00598499@U0SL19-G69LZW2 MINGW64 ~ (master)

```

```

$ git clean -n
Would remove .bash_history
Would remove .gitconfig
Would remove .viminfo
Would remove IgnoreExample.txt
Would remove NTUSER.DAT
Would remove NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TM.blf
Would remove NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer0000000
00000000000001.regtrans-ms
Would remove NTUSER.DAT{34d1a49f-768e-11e9-8dfb-e4b97a4bf318}.TMContainer0000000
00000000000002.regtrans-ms
Would remove RemoveExample.txt
Would remove gitignore
Would remove ntuser.dat.LOG1
Would remove ntuser.dat.LOG2
Would remove ntuser.ini
Would remove ntuser.pol

```