

shrey@MSI MINGW64 ~

```
$ git --version
git version 2.47.0.windows.1
```

shrey@MSI MINGW64 ~

```
$ git config --global user.name "Shreyaa25"
```

shrey@MSI MINGW64 ~

```
$ git config --global user.email "shreya.17349@sakec.ac.in"
```

shrey@MSI MINGW64 ~

```
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=Shreyaa25
user.email=shreya.17349@sakec.ac.in
```

shrey@MSI MINGW64 ~

```
$ C:\Users\shrey\Desktop\Git
bash: C:UsersshreyDesktopGit: command not found
```

shrey@MSI MINGW64 ~

```
$ cd C:\Users\shrey\Desktop\Git
bash: cd: C:UsersshreyDesktopGit: No such file or directory
```

shrey@MSI MINGW64 ~


```
$ cd desktop
```

shrey@MSI MINGW64 ~/desktop

```
$ cd Git
```

shrey@MSI MINGW64 ~/desktop/Git

```
$ git clone https://github.com/Shreyaa25/practical.git
Cloning into 'practical'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
```

 MINGW64:/c/Users/shrey/desktop/Git/practical

shrey@MSI MINGW64 ~/desktop/Git

\$ cd practical

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ ls

README.md

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ ls -a

./ ../ .git/ README.md

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

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

(use "git restore <file>..." to discard changes in working directory)

modified: README.md

no changes added to commit (use "git add" and/or "git commit -a")

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ git add .

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ git commit -m "Changed"

[main 55a546a] Changed

1 file changed, 2 insertions(+), 1 deletion(-)

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ git push origin main

info: please complete authentication in your browser...

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Writing objects: 100% (3/3), 276 bytes | 276.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/Shreyaa25/practical.git

ba003af..55a546a main -> main

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ git push origin main

Everything up-to-date

shrey@MSI MINGW64 ~/desktop/Git/practical (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

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

(use "git restore <file>..." to discard changes in working directory)

modified: README.md

no changes added to commit (use "git add" and/or "git commit -a")

no changes added to commit (use "git add" and/or "git commit -a")

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ git add .
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ git commit -m "Changed"
[main 9af951b] Changed
1 file changed, 2 insertions(+), 1 deletion(-)
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 283 bytes | 141.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Shreyaa25/practical.git
  55a546a..9af951b  main -> main
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ touch shreya.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ cat >>Shreya.txt
Hello Iam shreya
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ 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)
  shreya.txt
```

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

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ git add .
warning: in the working copy of 'shreya.txt', LF will be replaced by CRLF the next time Git touc
hes it
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ git commit -m "New file"
[main f909577] New file
1 file changed, 3 insertions(+)
create mode 100644 shreya.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git/practical (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 321 bytes | 321.00 KiB/s, done.
```

```
MINGW64:/c/Users/shrey/desktop/Git/Repo
$ ls -a
./ ../ shreya.txt

shrey@MSI MINGW64 ~/desktop/Git/Repo
$ git init
Initialized empty Git repository in C:/Users/shrey/Desktop/Git/Repo/.git/

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ ls -a
./ ../ .git/ shreya.txt

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git status
On branch master

No commits yet

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

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

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git add .
warning: in the working copy of 'shreya.txt', LF will be replaced by CRLF the next time Git touches it

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git commit -m "Added"
[master (root-commit) 5d718ae] Added
1 file changed, 1 insertion(+)
create mode 100644 shreya.txt

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git remote add origin https://github.com/Shreyaa25/pract.git

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Shreyaa25/pract.git'

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Shreyaa25/pract.git'

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git remote add origin https://github.com/Shreyaa25/pract.git
error: remote origin already exists.

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Shreyaa25/pract.git'

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$
```

MINGW64:/c/Users/shrey/desktop/Git/rep

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ ls -a
./ ../ .git/ shreya.txt

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git status
On branch master

No commits yet

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

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

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git add .
warning: in the working copy of 'shreya.txt', LF will be replaced by CRLF the next time Git touches it

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git commit -m "Added"
[master (root-commit) 5d718ae] Added
1 file changed, 1 insertion(+)
create mode 100644 shreya.txt

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git remote add origin https://github.com/Shreyaa25/pract.git

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Shreyaa25/pract.git'

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Shreyaa25/pract.git'


shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git remote add origin https://github.com/Shreyaa25/pract.git
error: remote origin already exists.

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Shreyaa25/pract.git'

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git branch
* master

shrey@MSI MINGW64 ~/desktop/Git/Repo (master)
$ git branch -M main

shrey@MSI MINGW64 ~/desktop/Git/Repo (main)
```

 MINGW64:/c/Users/shrey/desktop/Git/rep

```
$ git branch -M main
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (main)
```

```
$ git branch
* main
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (main)
```

```
$ git checkout -b newbranch
Switched to a new branch 'newbranch'
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (newbranch)
```

```
$ git branch
main
* newbranch
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (newbranch)
```

```
$ git checkout main
Switched to branch 'main'
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (main)
```

```
$ git init
Reinitialized existing Git repository in C:/Users/shrey/Desktop/Git/Repo/.git/
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (main)
```

```
$ git status
On branch main
nothing to commit, working tree clean
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (main)
```

```
$ git checkout newbranch
Switched to branch 'newbranch'
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (newbranch)
```

```
$ cat >> shreya.txt
I hate me
```

```
shrey@MSI MINGW64 ~/desktop/Git/Repo (newbranch)
```

```
$ cd ..
```

```
shrey@MSI MINGW64 ~/desktop/Git
```

```
$ mkdir rep
```

```
shrey@MSI MINGW64 ~/desktop/Git
```

```
$ touch ss.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git
```

```
$ cat >> ss.txt
I am shreya
```

```
shrey@MSI MINGW64 ~/desktop/Git
```

```
$ ls
Repo/  practical/  rep/  ss.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git
```

```
$ ls -a
./  ../  Repo/  practical/  rep/  ss.txt
```


MINGW64:/c/Users/shrey/desktop/Git/rep

```
$ ls
ss.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep
```

```
$ ls -a
./ ../ ss.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep
```

```
$ git init
Initialized empty Git repository in C:/Users/shrey/Desktop/Git/rep/.git/
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (master)
```

```
$ git status
On branch master
```

```
No commits yet
```

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

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

```
shrey@MSI MINGW64 ~/desktop/Git/rep (master)
```

```
$ git branch -M main
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git add .
warning: in the working copy of 'ss.txt', LF will be replaced by CRLF the next time Git touches it
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git commit -m "Added"
[main (root-commit) 66d50a2] Added
1 file changed, 1 insertion(+)
create mode 100644 ss.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git remote add origin https://github.com/Shreyaa25/pract.git
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 221 bytes | 110.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Shreyaa25/pract.git
 * [new branch]      main -> main
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git branch
* main
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git checkout -b newbranch
Switched to a new branch 'newbranch'
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)
```

MINGW64:/c/Users/shrey/desktop/Git/rep

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

\$ git checkout -b newbranch

Switched to a new branch 'newbranch'

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

\$ cat >> ss.txt

I hate myself

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

\$ git checkout main

M ss.txt

Switched to branch 'main'

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

\$ git status

On branch main

Changes not staged for commit:

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

(use "git restore <file>..." to discard changes in working directory)

modified: ss.txt

no changes added to commit (use "git add" and/or "git commit -a")

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

\$ git add .

warning: in the working copy of 'ss.txt', LF will be replaced by CRLF the next time Git touches it

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

\$ git status

On branch main

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: ss.txt

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

\$ git commit -m "New line"

[main 1005fdf] New line

1 file changed, 1 insertion(+)

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

\$ git checkout newbranch

Switched to branch 'newbranch'

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

\$ git add .

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

\$ git status

On branch newbranch

nothing to commit, working tree clean

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

\$ git push origin main

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

MINGW64:/c/Users/shrey/desktop/Git/rep

```
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 267 bytes | 133.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Shreyaa25/pract.git
66d50a2..1005fdf main -> main
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ git checkout main
Switched to branch 'main'
```

shrey@MSI MINGW64 ~/desktop/Git/rep (main)

```
$ git checkout newbranch
Switched to branch 'newbranch'
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ cat >> ss.txt
Pranit is a good boy
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ git add .
warning: in the working copy of 'ss.txt', LF will be replaced by CRLF the next time Git touches it
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ git status
On branch newbranch
changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   ss.txt
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ git commit -m "New lines"
[newbranch 2ae5e5a] New lines
1 file changed, 1 insertion(+)
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ git push origin newbranch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 276 bytes | 138.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'newbranch' on GitHub by visiting:
remote:   https://github.com/Shreyaa25/pract/pull/new/newbranch
remote:
To https://github.com/Shreyaa25/pract.git
* [new branch]      newbranch -> newbranch
```

shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)

```
$ git diff main
diff --git a/ss.txt b/ss.txt
index 42f325d..edce3c3 100644
--- a/ss.txt
+++ b/ss.txt
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)
```

```
$ git diff main
```

```
diff --git a/ss.txt b/ss.txt
```

```
index 42f325d..edce3c3 100644
```

```
--- a/ss.txt
```

```
+++ b/ss.txt
```

```
@@ -1,2 +1,2 @@
```

```
 I am Shreya
```

```
-I hate myself
```

```
+Pranit is a good boy
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (newbranch)
```

```
$ git checkout main
```

```
Switched to branch 'main'
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$ git pull origin main
```

```
From https://github.com/Shreyaa25/pract
```

```
 * branch          main          -> FETCH_HEAD
```

```
Already up to date.
```

```
shrey@MSI MINGW64 ~/desktop/Git/rep (main)
```

```
$
```