

GIT COMMANDS

Performing git commands:

1. Authenticating your git account:

git config --global user.email "gobiga.502123@sxcce.edu.in"
git config --global user.name "GobigaSri"

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git config --global user.email "gobiga.502123@sxcce.edu.in"

gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git config --global user.name "GobigaSri"
```

2. Initializing a Git repository:

git init

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git init
Reinitialized existing Git repository in C:/DevOps/devops/.git/
```

3. Cloning a repository:

git clone <https://github.com/GobigaSri/devops.git>

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps
$ git clone https://github.com/GobigaSri/devops.git
Cloning into 'devops'...
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (13/13), done.
remote: Total 27 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (27/27), 4.36 KiB | 2.18 MiB/s, done.
Resolving deltas: 100% (1/1), done.
```

4. Getting status of repo:

git status

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

5. Adding files to repo:

git add 'devops assignment.txt'

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git add 'devops assignment.txt'
```

6. Committing changes:

git commit -m "First Commit"

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git commit -m "First commit"
[main fc0ec9d] First commit
1 file changed, 1 insertion(+)
create mode 100644 devops assignment.txt
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
```

7. Renaming current branch:

git branch -M main

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git branch -M main

gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git remote add origin https://github.com/GobigaSri/devops.git
error: remote origin already exists.
```

8. Pushing changes to repo:

git push -u origin main

```
gobig@LAPTOP-QKJ95U0G MINGW64 /c/DevOps/devops (main)
$ git push -u origin main

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), 339 bytes | 339.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/GobigaSri/devops.git
   ede5985..fc0ec9d  main -> main
branch 'main' set up to track 'origin/main'.
```