1. Create a new Git repository on your local machine and make an initial commit.

```
C:\Windows\System32\cmd

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

C:\Users\user\Desktop\git>git add code.py

C:\Users\user\Desktop\git>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   code.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        example.txt
        example1.txt

C:\Users\user\Desktop\git>git add example.txt

C:\Users\user\Desktop\git>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   code.py
        new file:   example.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        example1.txt

C:\Users\user\Desktop\git>git commit -m "commiting code and example"
[master (root-commit) a7cdf04] commiting code and example
 2 files changed, 2 insertions(+)
 create mode 100644 code.py
 create mode 100644 example.txt

C:\Users\user\Desktop\git>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        example1.txt

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

```
C:\Windows\System32\cmd

Microsoft Windows [Version 10.0.22631.4602]
(c) Microsoft Corporation. All rights reserved.

C:\Users\user\Desktop\git>git init
Initialized empty Git repository in C:/Users/user/Desktop/git/.git/

C:\Users\user\Desktop\git>git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

C:\Users\user\Desktop\git>git status
On branch master

No commits yet

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

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

C:\Users\user\Desktop\git>git status
On branch master

No commits yet

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

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

C:\Users\user\Desktop\git>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        code.py
        example.txt
        example1.txt

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

C:\Users\user\Desktop\git>git add code.py
```

2. Push the changes from your local repository to a remote repository on a hosting platform (e.g., GitHub).

```
    (use "git add <file>..." to include in what will be committed)
        example1.txt

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

C:\Users\user\Desktop\git>git remote add origin https://github.com/Monika-sri/git.git

C:\Users\user\Desktop\git>git status
On branch master
Untracked files:
    (use "git add <file>..." to include in what will be committed)
        example1.txt

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

C:\Users\user\Desktop\git>git push -u origin master
remote: Invalid username or password.
fatal: Authentication failed for 'https://github.com/Monika-sri/git.git/'

C:\Users\user\Desktop\git>git push -u origin branch
error: src refspec branch does not match any
error: failed to push some refs to 'https://github.com/Monika-sri/git.git'

C:\Users\user\Desktop\git>git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Monika-sri/git.git'

C:\Users\user\Desktop\git>git branch
* master

C:\Users\user\Desktop\git>git push -u origin master
info: please complete authentication in your browser...
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% (4/4), 311 bytes | 103.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Monika-sri/git.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

C:\Users\user\Desktop\git>
```
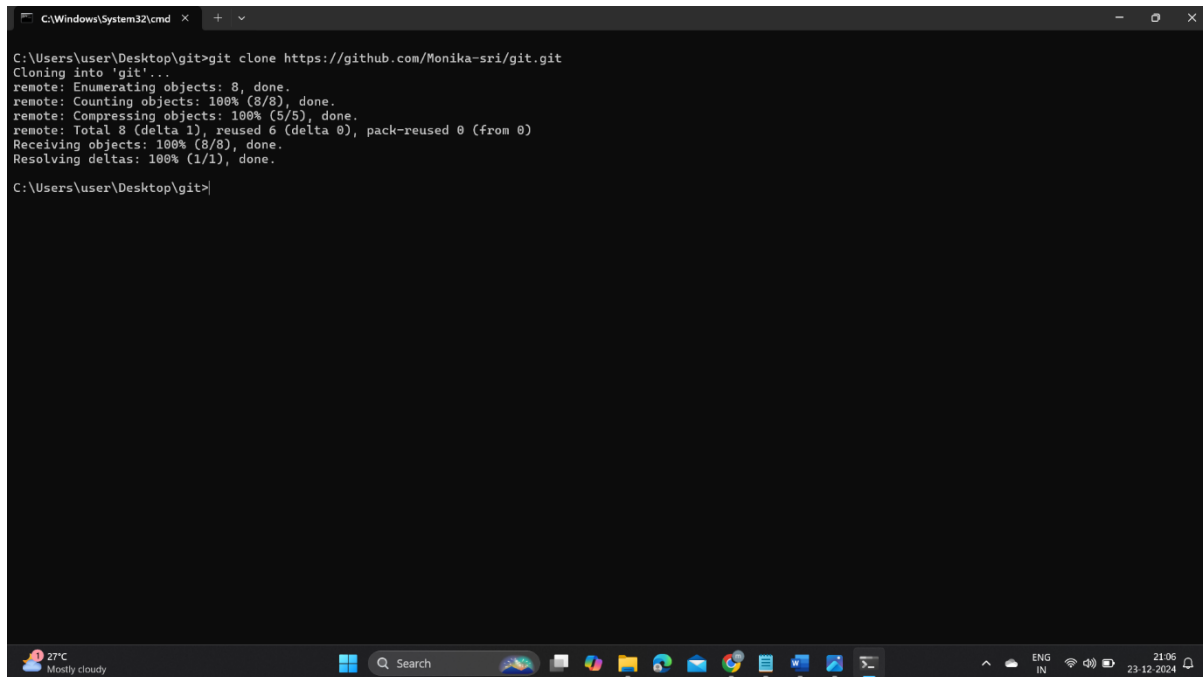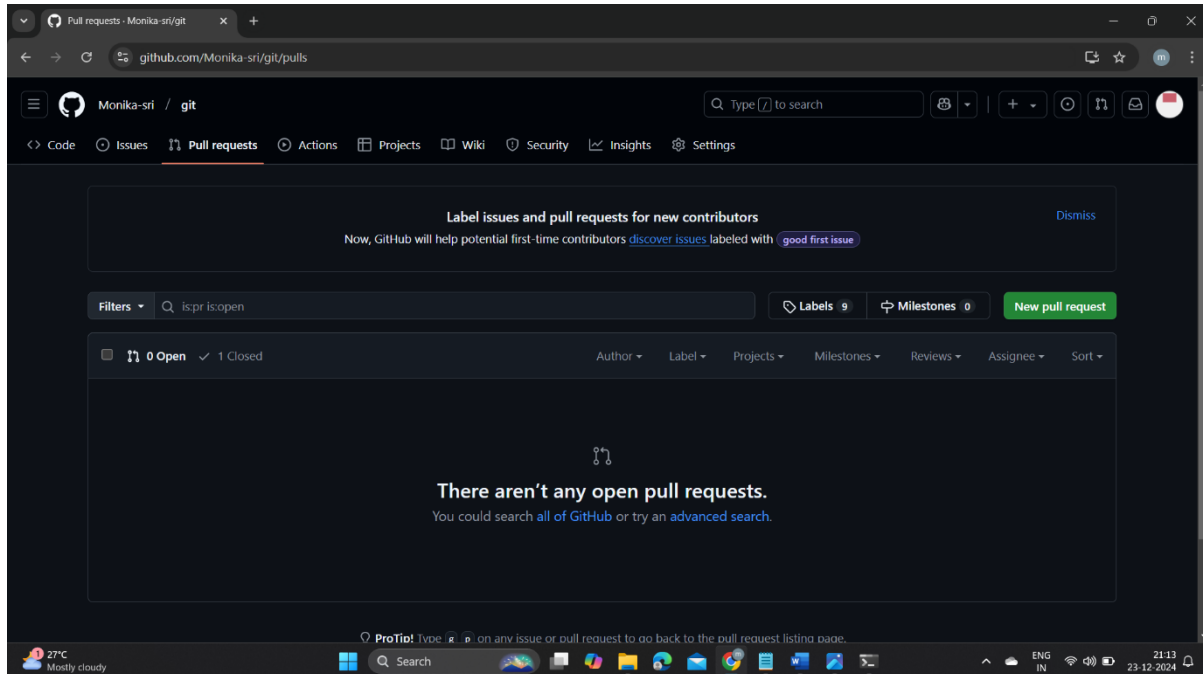
3. Clone an existing repository from a remote source to your local machine.

4. Fork a repository on GitHub, make changes, and submit a pull request.

5. Perform a basic merge operation, resolving any conflicts that arise.