1.
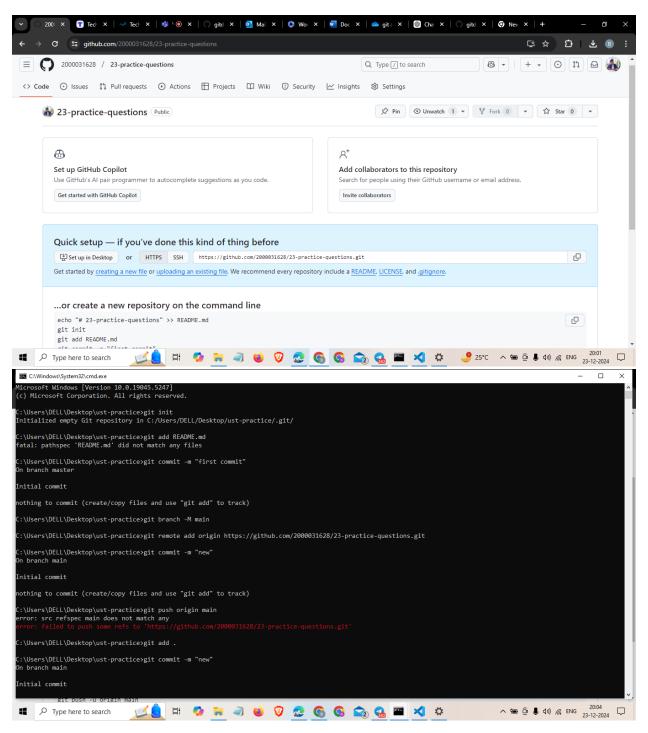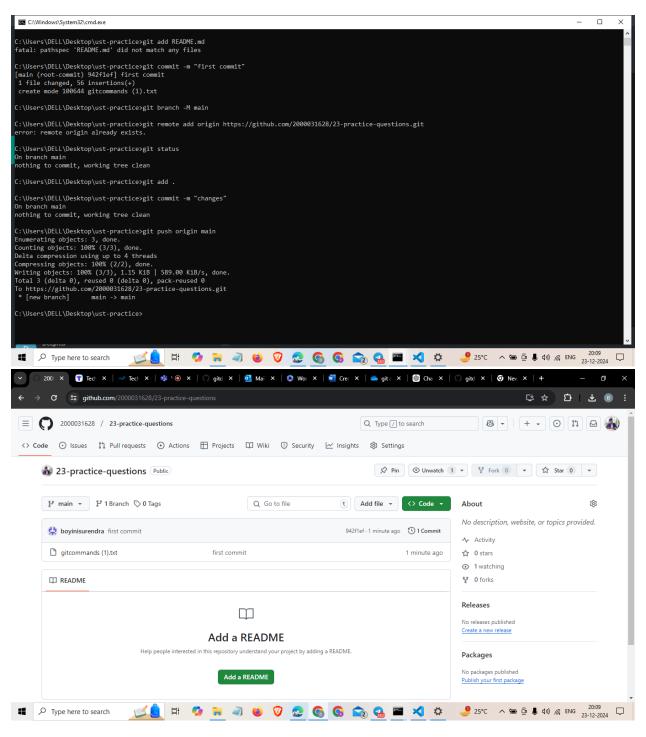
Create a new Git repository on your local machine and make an initial commit.
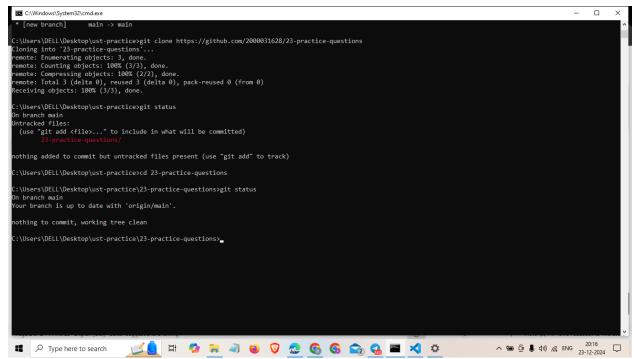
2.Push the changes from your local repository to a remote repository on a hosting platform (e.g., GitHub).

3.Clone an existing repository from a remote source to your local machine.

5.

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

```
C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git branch
* main

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git branch practice

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git branch
* main
  practice

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git checkout practice
Switched to branch 'practice'

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git add "index.html"
fatal: pathspec 'index.html' did not match any files

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git add index.html
fatal: pathspec 'index.html' did not match any files

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git add <index.html>
The syntax of the command is incorrect.

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git add index.html
fatal: pathspec 'index.html' did not match any files

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git branch
  main
* practice

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>code .

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git statsu
git: 'statsu' is not a git command. See 'git --help'.

The most similar command is
        status

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>status
```

```
C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git statsu
git: 'statsu' is not a git command. See 'git --help'.

The most similar command is
        status

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>status
'status' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git status
On branch practice
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.html

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

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git add .

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git commit -m "added new file"
[practice 9cde63b] added new file
 1 file changed, 11 insertions(+)
 create mode 100644 index.html

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git push origin practice
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 447 bytes | 447.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'practice' on GitHub by visiting:
remote:      https://github.com/2000031628/23-practice-questions/pull/new/practice
remote:
To https://github.com/2000031628/23-practice-questions
```

```
remote:           https://github.com/2000031628/23-practice-questions/pull/new/practice
remote:
To https://github.com/2000031628/23-practice-questions
 * [new branch]      practice -> practice

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git merge practice
Updating 942f1ef..9cde63b
Fast-forward
 index.html | 11 +++++++++++
 1 file changed, 11 insertions(+)
 create mode 100644 index.html

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/2000031628/23-practice-questions
   942f1ef..9cde63b  main -> main

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

C:\Users\DELL\Desktop\ust-practice\23-practice-questions>
```