NAME: LIKHIL CHANDRA

ROLL NO: 21

- 1. Create a new directory for this practical and initialize a Git repository inside it.
- 2. Create a new file named workflow.txt and add some initial content.

```
MINGW64:/c/Users/likhi/OneDrive/Desktop/Practical

likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

s mkdir CAl

likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

s touch workflow.txt

likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

s echo "Iam writing my first CA" > workflow.txt

likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

s cat workflow.txt

lam writing my first CA
```

- 3. Check the status of the repository and note the file's current state.
- 4. Add the file to the staging area and verify its status.
- 5. 5. Commit the file with an appropriate message

```
likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

§ git add workflow.txt

likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

§ git status

On branch main

No commits yet

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

likhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)

§ git commit = m 'Done with the S question"
[main (root-commit) Sa77992] Done with the S question

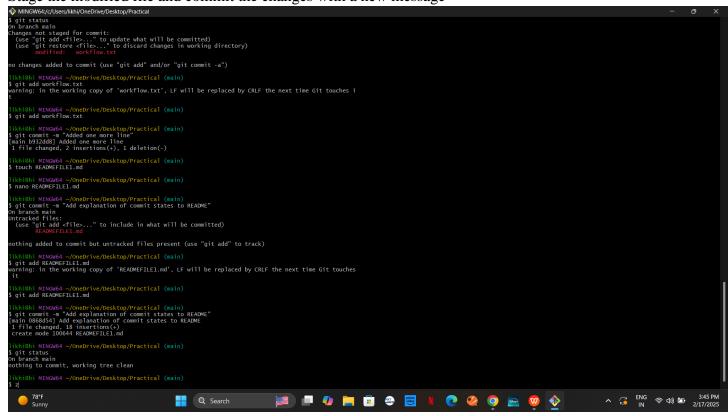
1 file changed. 1 insertion(4)
```

6. Modify the file by adding more content and check its status again.

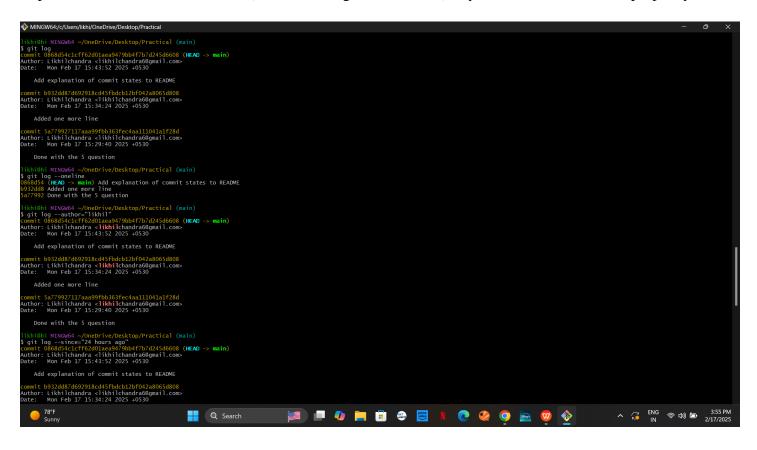
```
MINCWORLy/CUSers/With/OneDrive/Desktop/Practical (main)

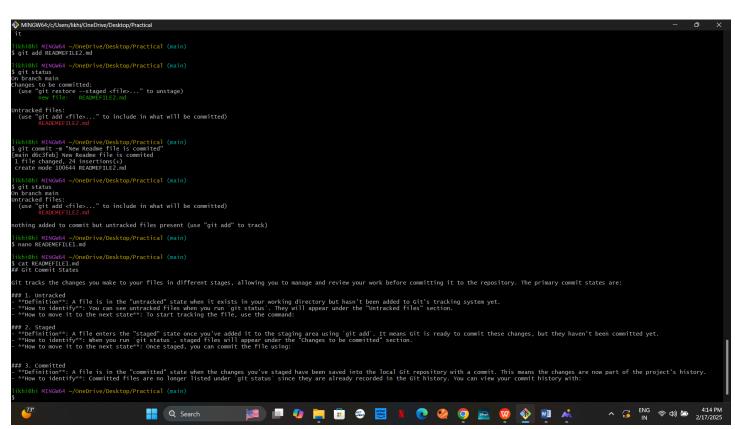
§ git commit = "Done with the 5 question"
| Intervent | I
```

7. Stage the modified file and commit the changes with a new message



Explain the different commit states (untracked, staged, committed) in your README file. Use proper syntax.





```
NINGW64:/c/Users/likhi/OneDrive/Desktop/Practical
likhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
$ git commit -m "Done with the 5 question"
[main (root-commit) 5a77992] Done with the 5 question
1 file changed, 1 insertion(+)
create mode 100644 workflow.txt
  ikhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main) echo "Hello World!" > workflow.txt
  ikhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
$ cat workflow.txt
Hello World!
likhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
$ echo "Hello likhil" >> workflow.txt
  ikhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
 cat workflow.txt
Hello World!
Hello likhil
$ 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: workflow.txt
no changes added to commit (use "git add" and/or "git commit -a")
$ git add workflow.txt
 varning: in the working copy of 'workflow.txt', LF will be replaced by CRLF the next time Git touches i
likhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
$ git add workflow.txt
likhi@hi MINGW64 ~<mark>/OneDrive/Desktop/Practical (</mark>
$ git commit -m "Added one more line"
[main b932dd8] Added one more line
1 file changed, 2 insertions(+), 1 deletion(-)
                                                                   op/Practical (main)
NINGW64:/c/Users/likhi/OneDrive/Desktop/Practical
  uthor: Likhilchandra <likhilchandra6@gmail.com>
ate: Mon Feb 17 15:43:52 2025 +0530
    Add explanation of commit states to README
  ikhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
touch READEMEFILE2.md
   khi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)
nano READMEFILE2.md
 ikhi8hi MINGw64 ~/OneDrive/Desktop/Practical (main)
git status
n branch main
ntracked files:
(use "git add <file>..." to include in what will be committed)
  othing added to commit but untracked files present (use "git add" to track)
  git add READMEFILE2.md
arning: in the working copy of 'READMEFILE2.md', LF will be replaced by CRLF the next time Git touches
  ikhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main) git add READMEFILE2.md
  khi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)
git status ib branch main
branch main
langes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: READMEFILEZ.md
  ntracked files:
(use "git add <file>..." to include in what will be committed)
 ikhi@hi MINGw64 ~/OneDrive/Desktop/Practical (main)
git commit -m "New Readme file is commited"
main d66:769] New Readme file is commited
1 file changed, 24 insertions(+)
create mode 100644 READMEFILE2.md
  ikhi@hi MINGW64 ~/OneDrive/Desktop/Practical (main)
git status
n branch main
   branch main
tracked files:
(use "git add <file>..." to include in what will be committed)
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                                                                 Q Search
```