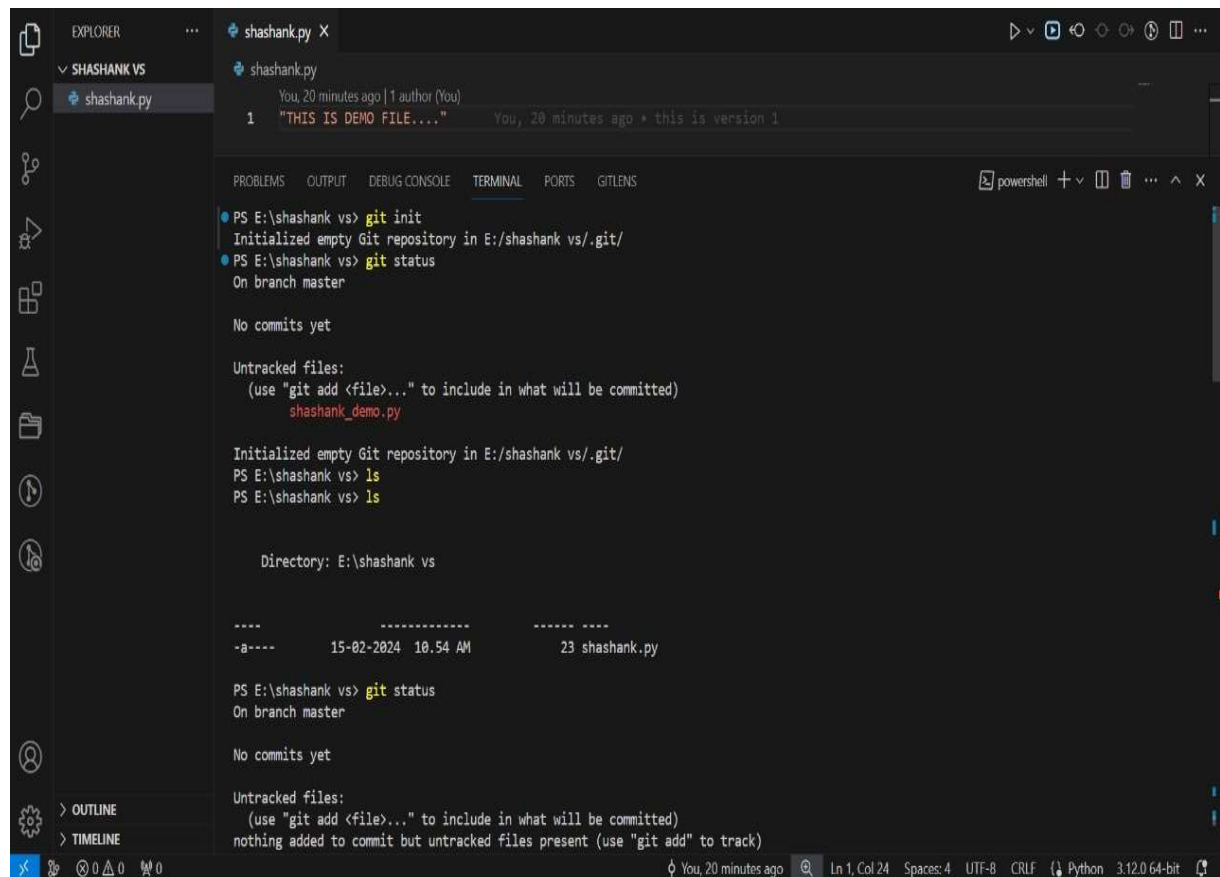


Task

Git Basic Commands

Name – Shashank Sharma

1. Git init
2. Git add <file_name> (to add specific file)
3. Git add . (to add all files)
4. Git commit -m "<message>" (message is in the string ".....")
5. Git status
6. Git log
7. Git log --online
8. Git reset
9. Git reset HEAD~x
10. Git reset --hard
11. Git reset --soft
12. Git restore HEAD~x



```
shashank.py X
shashank.py
You, 20 minutes ago | 1 author (You)
1 "THIS IS DEMO FILE...." You, 20 minutes ago • this is version 1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
PS E:\shashank vs> git init
Initialized empty Git repository in E:/shashank vs/.git/
PS E:\shashank vs> git status
On branch master

No commits yet

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

Initialized empty Git repository in E:/shashank vs/.git/
PS E:\shashank vs> ls
PS E:\shashank vs> ls

Directory: E:\shashank vs

-----
-a----      15-02-2024  10:54 AM                23 shashank.py

PS E:\shashank vs> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    nothing added to commit but untracked files present (use "git add" to track)
```

```
shashank.py X
shashank.py
You, 20 minutes ago | 1 author (You)
1 "THIS IS DEMO FILE...." You, 20 minutes ago + this is version 1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
Directory: E:\shashank vs

----
-a----      15-02-2024  10:54 AM                23 shashank.py

PS E:\shashank vs> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
PS E:\shashank vs> git add .
On branch master

No commits yet

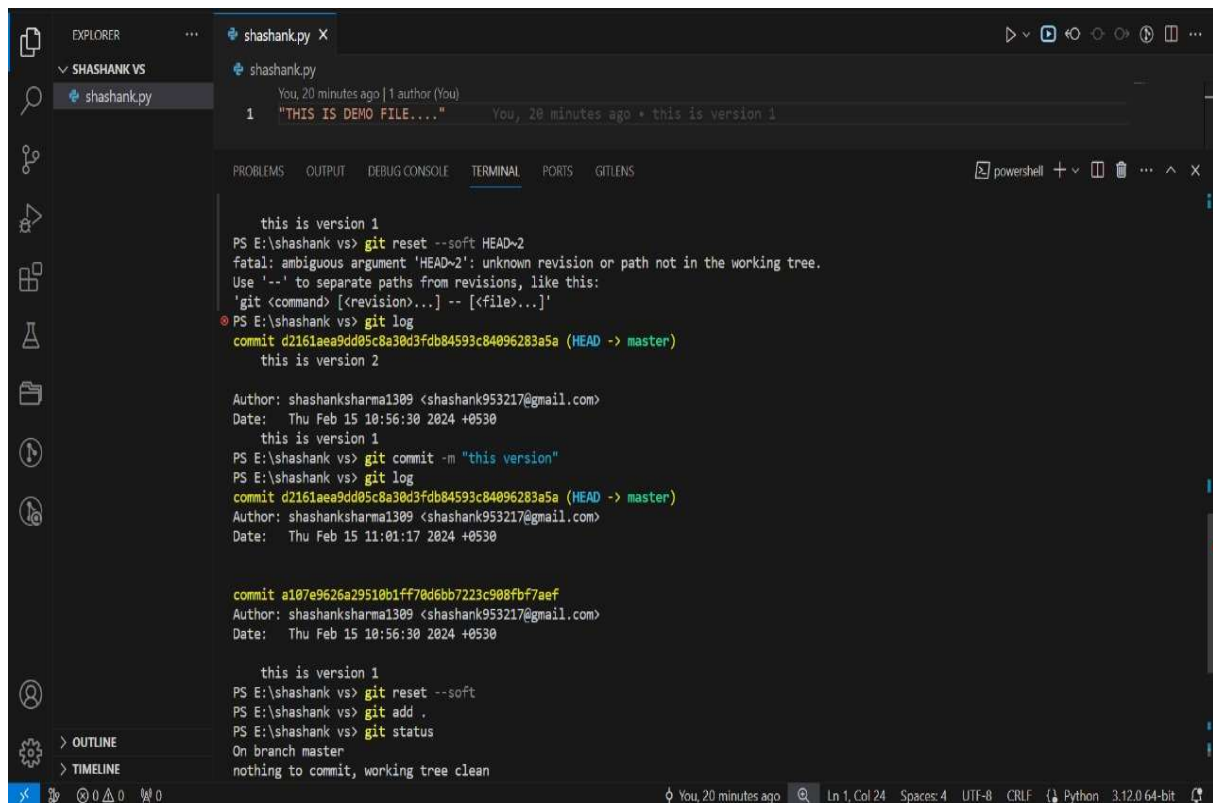
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   shashank.py

PS E:\shashank vs> git commit -m "this is version 1" .\shashank.py
[master (root-commit) a107e96] this is version 1
1 file changed, 1 insertion(+)
PS E:\shashank vs> git status
On branch master
Changes not staged for commit:
```

```
PS E:\shashank vs> git commit -m "this is version 1" .\shashank.py
[master (root-commit) a107e96] this is version 1
1 file changed, 1 insertion(+)
PS E:\shashank vs> git add .
PS E:\shashank vs> git commit -m "this is version 2" .\shashank.py
[master d2161ae] this is version 2
1 file changed, 2 insertions(+), 1 deletion(-)
PS E:\shashank vs> git log
commit d2161ae9dd05c8a30d3fdb84593c84096283a5a (HEAD -> master)
Author: shashanksharma1309 <shashank953217@gmail.com>

    this is version 2
commit a107e9626a29510b1ff70d6bb7223c908fb7aef
Author: shashanksharma1309 <shashank953217@gmail.com>
Date:   Thu Feb 15 10:56:30 2024 +0530

    this is version 1
PS E:\shashank vs> git reset --soft HEAD~2
fatal: ambiguous argument 'HEAD~2': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
PS E:\shashank vs> git log
```



shashank.py X

shashank.py

You, 20 minutes ago | 1 author (You)

1 "THIS IS DEMO FILE...." You, 20 minutes ago • this is version 1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS

powerShell + - X

```
this is version 1
PS E:\shashank vs> git reset --soft HEAD~2
fatal: ambiguous argument 'HEAD~2': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
PS E:\shashank vs> git log
commit d2161aea9dd05c8a30d3fdb84593c84096283a5a (HEAD -> master)
    this is version 2

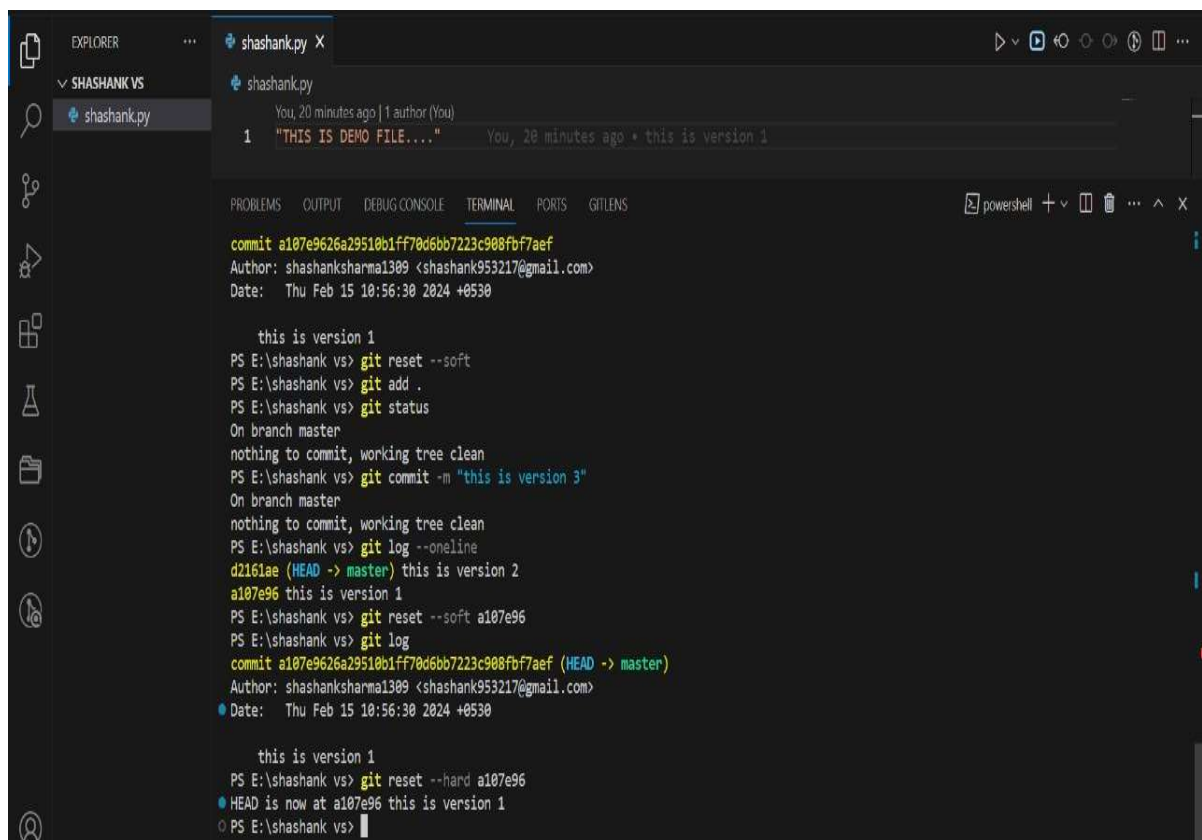
Author: shashanksharma1309 <shashank953217@gmail.com>
Date: Thu Feb 15 10:56:30 2024 +0530

    this is version 1
PS E:\shashank vs> git commit -m "this version"
PS E:\shashank vs> git log
commit d2161aea9dd05c8a30d3fdb84593c84096283a5a (HEAD -> master)
Author: shashanksharma1309 <shashank953217@gmail.com>
Date: Thu Feb 15 11:01:17 2024 +0530

    this is version 1
PS E:\shashank vs> git reset --soft
PS E:\shashank vs> git add .
PS E:\shashank vs> git status
On branch master
nothing to commit, working tree clean
```

> OUTLINE
> TIMELINE

0 0 0 0 0 You, 20 minutes ago Ln 1, Col 24 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit



shashank.py X

shashank.py

You, 20 minutes ago | 1 author (You)

1 "THIS IS DEMO FILE...." You, 20 minutes ago • this is version 1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS

powerShell + - X

```
commit a107e9626a29510b1ff70d6bb7223c908fbf7aef
Author: shashanksharma1309 <shashank953217@gmail.com>
Date: Thu Feb 15 10:56:30 2024 +0530

    this is version 1
PS E:\shashank vs> git reset --soft
PS E:\shashank vs> git add .
PS E:\shashank vs> git status
On branch master
nothing to commit, working tree clean
PS E:\shashank vs> git commit -m "this is version 3"
On branch master
nothing to commit, working tree clean
PS E:\shashank vs> git log --oneline
d2161ae (HEAD -> master) this is version 2
a107e96 this is version 1
PS E:\shashank vs> git reset --soft a107e96
PS E:\shashank vs> git log
commit a107e9626a29510b1ff70d6bb7223c908fbf7aef (HEAD -> master)
Author: shashanksharma1309 <shashank953217@gmail.com>
Date: Thu Feb 15 10:56:30 2024 +0530

    this is version 1
PS E:\shashank vs> git reset --hard a107e96
HEAD is now at a107e96 this is version 1
PS E:\shashank vs>
```