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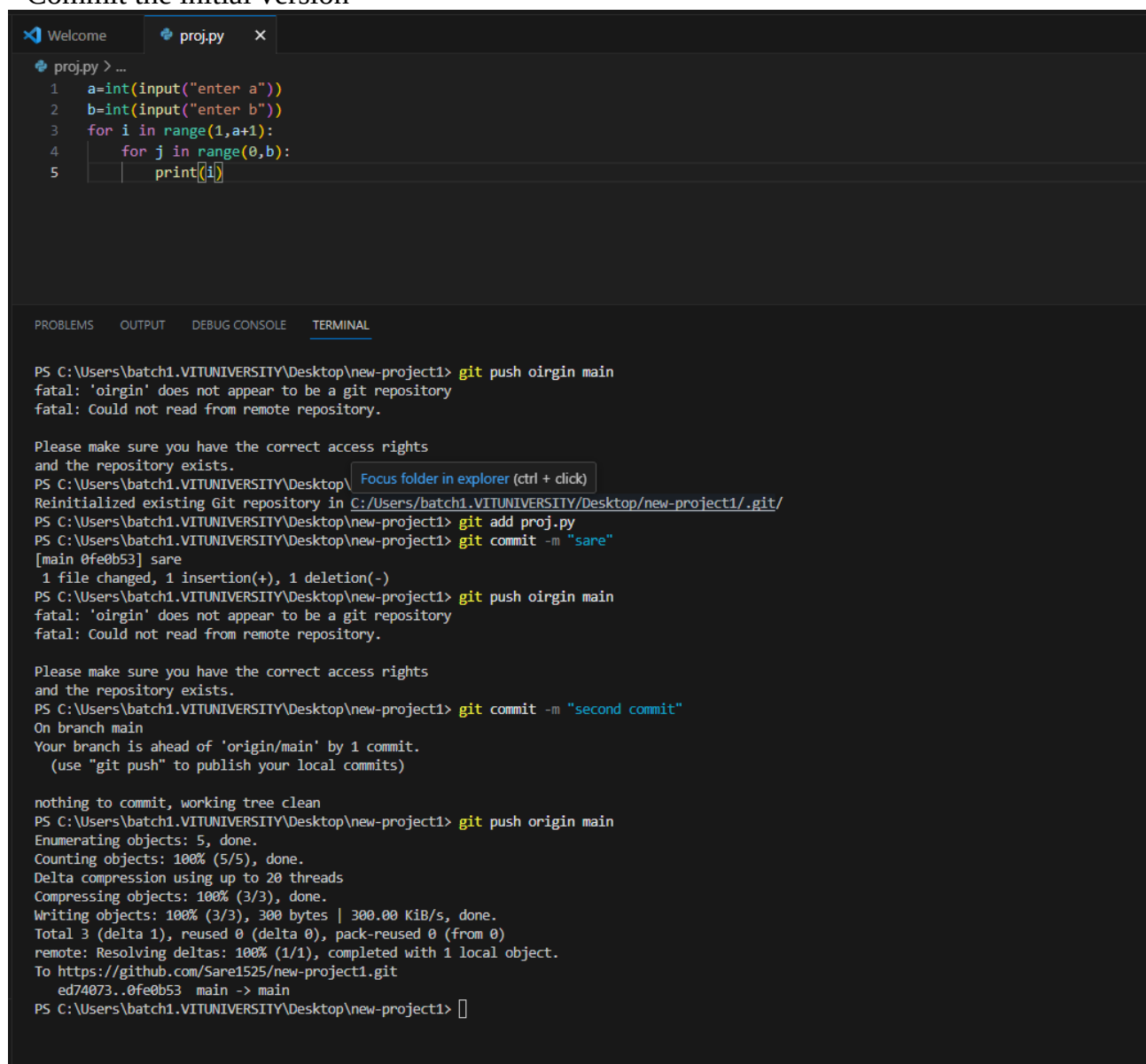
### CASE STUDY 1 :

New Project Version Control Setup Scenario:

You are assigned to develop a Library Management System. Before coding, your team decides to enable version control.

Tasks:

- Create a project folder and open it in VS Code
- Initialize a Git repository
- Create a Python file and track it using Git
- Commit the initial version



The screenshot shows the Visual Studio Code interface. The top editor pane displays a file named `proj.py` with the following Python code:

```
1 a=int(input("enter a"))
2 b=int(input("enter b"))
3 for i in range(1,a+1):
4     for j in range(0,b):
5         print(i,j)
```

The bottom panel shows the **TERMINAL** tab with the following output:

```
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git push oirgin main
fatal: 'oirgin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git push oirgin main
fatal: 'oirgin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git add proj.py
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git commit -m "sare"
[main 0fe0b53] sare
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git push oirgin main
fatal: 'oirgin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git commit -m "second commit"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1> git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 20 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Sare1525/new-project1.git
ed74073..0fe0b53 main -> main
PS C:\Users\batch1.VITUNIVERSITY\Desktop\new-project1>
```

Sare1525 / new-project1

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Files

main + 🔍

Go to file t

README.md

proj.py

new-project1 / proj.py

Sare1525 sare 0fe0b53 · 16 minutes ago History

Code Blame 5 lines (5 loc) · 112 Bytes

1 a=int(input("enter a"))

2 b=int(input("enter b"))

3 for i in range(1,a+1):

4 for j in range(0,b):

5 print(i)