

ASSIGNMENT – 3

COMPUTER FUNDAMENTAL

AND

CARRIER PATHWAYS

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SCREENSHOTS

This project is a simple Python-based calculator created for Assignment 4.

It performs basic arithmetic operations like addition, subtraction, multiplication, and division.

I used Visual Studio Code to write the code, Git for version control, and GitHub for hosting my project

GITS COMMANDS THAT I USED

git init

git add .

git commit -m "Initial commit - added calculator code"

git commit -m "Refactored calculator functions"

git commit -m "Added divide-by-zero handling"

git commit -m "Improved menu formatting"

git commit -m "Final code cleanup"

git branch -M main

git remote add origin <https://github.com/ch4vishh/csf-assignment-4>

git push -u origin main

The screenshot shows the Visual Studio Code interface with the terminal tab selected. The terminal window displays the execution of a Python script named 'calculator.py'. The script is a simple command-line calculator that prompts the user for an operation choice (Add, Subtract, Multiply, Divide) and two numbers, then prints the result. The process is repeated three times.

```
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/hp/Desktop/csf_capstone/calculator.py"
---- Simple Calculator ----
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 1
Enter first number: 4
Enter second number: 7
Result: 11.0
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/hp/Desktop/csf_capstone/calculator.py"
---- Simple Calculator ----
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 2
Enter first number: 5
Enter second number: 5
Result: 0.0
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/hp/Desktop/csf_capstone/calculator.py"
---- Simple Calculator ----
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 3
Enter first number: 4
Enter second number: 7
Result: 28.0
PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/hp/Desktop/csf_capstone/calculator.py"
---- Simple Calculator ----
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 4
Enter first number: 5
Enter second number: 5
Result: 1.0
PS C:\Users\hp>
```

THIS IS MY CALCULATOR.PY WHICH RUNS PERFECTLY FINE !!!!!!

The screenshot shows a terminal window with the following command history:

```
C: > Users > hp > Desktop > csf capstone > calculator.py > ...
10 def divide(a, b):
PS C:\Users\hp> cd "C:\Users\hp\Desktop\csf capstone"
>>
PS C:\Users\hp\Desktop\csf capstone> git init
[master (root-commit) 81ea265] Initial commit - added calculator code
  1 file changed, 35 insertions(+)
<
PS C:\Users\hp\Desktop\csf capstone> git add .
PS C:\Users\hp\Desktop\csf capstone> git commit -m "Added divide by zero handling"
PS C:\Users\hp\Desktop\csf capstone> git commit -m "Added divide by zero handling"
PS C:\Users\hp\Desktop\csf capstone>
git add .
PS C:\Users\hp\Desktop\csf capstone> git commit -m "Improved menu
nu formatting"
PS C:\Users\hp\Desktop\csf capstone> git commit -m "Improved menu
nu formatting"
PS C:\Users\hp\Desktop\csf capstone> git add .
PS C:\Users\hp\Desktop\csf capstone> git commit -m "Final code cleanup"
PS C:\Users\hp\Desktop\csf capstone> git remote add origin https://github.com/ch4vishh/csf-capstone-project-.git
PS C:\Users\hp\Desktop\csf capstone> git branch -M main
PS C:\Users\hp\Desktop\csf capstone> git push -u origin main
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 8 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (15/15), 1.49 KiB | 95.00 KiB/s, done.
Total 15 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), done.
To https://github.com/ch4vishh/csf-capstone-project-.git
 * [new branch] main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\hp\Desktop\csf capstone>
```

THESE ARE THE COMMANDS THAT I USED !!!!!

PROOF!!!!