

ASSIGNMENT – 3

COMPUTER FUNDAMENTAL

AND

CARRER 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"

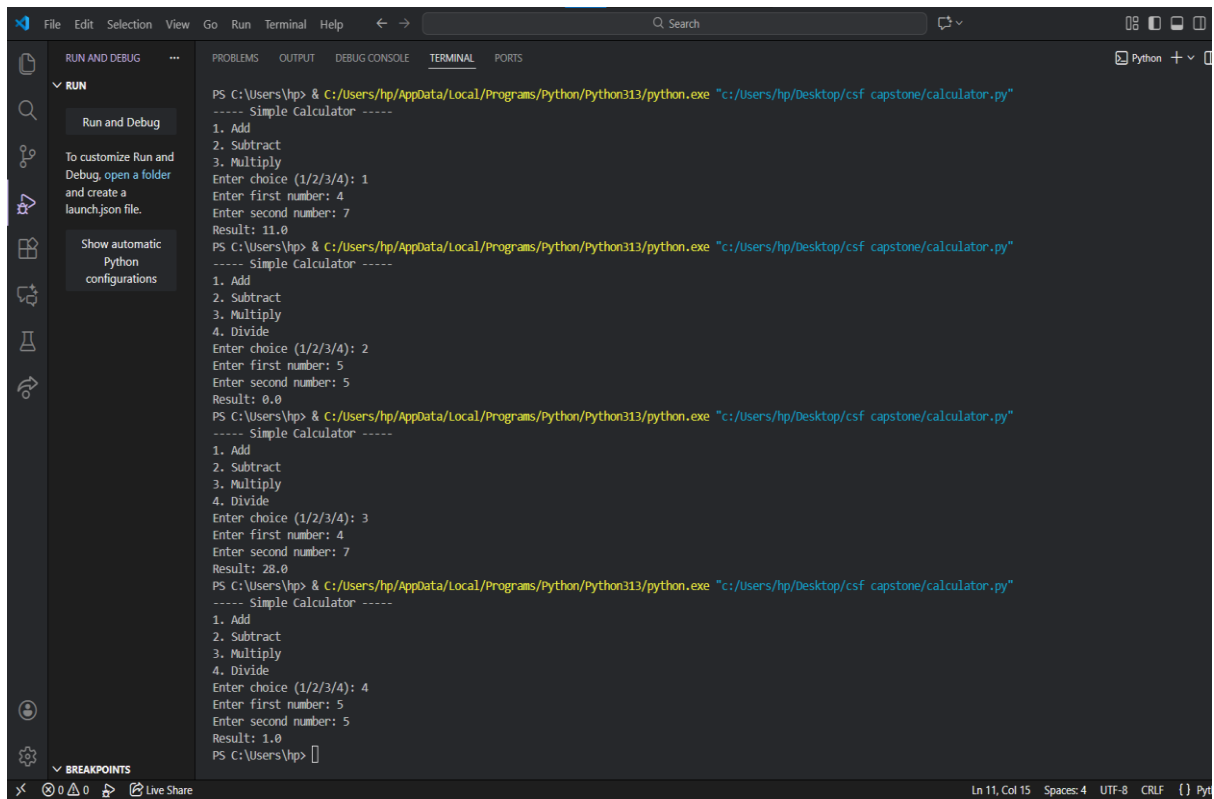
git commit -m "Improved menu formatting"

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 image shows a Visual Studio Code (VS Code) interface with a terminal window open. The terminal displays the execution of a Python script named `calculator.py` located at `C:/Users/hp/Desktop/csf_capstone/calculator.py`. The script is run using the command `PS C:\Users\hp> & C:/Users/hp/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/hp/Desktop/csf_capstone/calculator.py"`. The output of the script is as follows:

```
----- Simple Calculator -----
1. Add
2. Subtract
3. Multiply
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>
```

The terminal window also shows the VS Code interface with the 'RUN AND DEBUG' sidebar on the left and the 'TERMINAL' tab selected. The status bar at the bottom indicates the current line and column (Ln 11, Col 15) and the file encoding (UTF-8).

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

```
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

calculator.py X
C:\Users\hp\Desktop\csf capstone> calculator.py ...
10 def divide(a, b):

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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(+)
"
[master 326433b] Refactored calculator functions
PS C:\Users\hp\Desktop\csf capstone> git add .
PS C:\Users\hp\Desktop\csf capstone> git commit -m "Added divide by ze
ro handling\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 me
nu formatting"
[master 1b3c7b0] Improved menu formatting
1 file changed, 2 insertions(+)
nu form
PS C:\Users\hp\Desktop\csf capstone> git add .
PS C:\Users\hp\Desktop\csf capstone> git commit -m "rinal code
cleanup"
[master cbf9c72] Final code cleanup
git remote add origin https://github.com/ch4vishh/csf-capstone-project-.git
>> C:\Users\hp\Desktop\csf capstone>
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!!!!