

A screenshot of the Visual Studio Code (VS Code) interface. The title bar shows the search term "csf assignment". The left sidebar contains icons for Explorer, Search, Outline, Timeline, and other tools. The Explorer section shows an open folder with "calculator.py" as the active file, indicated by a blue border. The main editor area displays the following Python code:

```
# Simple Calculator Program
def add(a, b):
    return a + b
def subtract(a, b):
    return a - b
def multiply(a, b):
    return a * b
def divide(a, b):
    if b == 0:
        return "Cannot divide by zero!"
    return a / b
print("----- Basic Calculator -----")
print("1. Addition")
print("2. Subtraction")
print("3. Multiplication")
print("4. Division")
choice = input("Choose any option (1/2/3/4): ")
num1 = float(input("Enter first number: "))
num2 = float(input("Enter second number: "))
if choice == "1":
    print("Result:", add(num1, num2))
elif choice == "2":
    print("Result:", subtract(num1, num2))
elif choice == "3":
    print("Result:", multiply(num1, num2))
elif choice == "4":
    print("Result:", divide(num1, num2))
else:
    print("Invalid option selected.")
```

The code defines a simple calculator with four operations: addition, subtraction, multiplication, and division. It also includes a menu for selecting the operation and prompts the user to enter two numbers.

The screenshot shows the Visual Studio Code (VS Code) interface. The top navigation bar includes icons for back/forward, search ('csf assignment'), and system controls. The left sidebar has icons for Explorer, Search, Open Editors (with one unsaved file), Outline, and Timeline. The main workspace shows a file tree with 'calculator.py' selected. The code editor displays the following content:

```
42
```

The terminal tab is active, showing the following output:

```
apple@Apples-MacBook-Pro-2 csf assignment % git init
Reinitialized existing Git repository in /Users/apple/Desktop/python assignment/csf assignment/.git/
apple@Apples-MacBook-Pro-2 csf assignment % git add .
apple@Apples-MacBook-Pro-2 csf assignment % git commit -m "Initial project setup"
[main (root-commit) 100d4d8] Initial project setup
Committer: Apple <apple@Apples-MacBook-Pro-2.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

3 files changed, 76 insertions(+)
create mode 100644 calc.py
create mode 100644 calculator.py
create mode 100644 tempCodeRunnerFile.py
apple@Apples-MacBook-Pro-2 csf assignment % git remote add origin https://github.com/tamanna813/MiniProject-ETCCCP105.git
git branch -M main
git push -u origin main
git branch
```

The status bar at the bottom shows: main ▲ 0 △ 0, Ln 18, Col 10, Spaces: 4, UTF-8, LF, {} Python, 3.14.0, Port : 5500, Prettier.

The screenshot shows the Visual Studio Code (VS Code) interface with a dark theme. The top navigation bar includes icons for back, forward, search, and settings. The left sidebar features the Explorer, Search, Outline, and Timeline sections, with the Explorer section currently active and showing an open file named 'calculator.py'. The main workspace contains two tabs: 'Welcome' and 'calculator.py'. The 'calculator.py' tab is selected, displaying the code content. Below the workspace is a tab bar with 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL' (which is selected), and 'PORTS'. The terminal window displays the following text:

```
apple@Apples-MacBook-Pro-2 csf assignment % git pull
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (15/15), done.
remote: Total 18 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (18/18), 6.11 KiB | 417.00 KiB/s, done.
From https://github.com/tamanna813/MiniProject-ETCCCP105
 * [new branch]      main    -> origin/main
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

git branch --set-upstream-to=origin/<branch> main

apple@Apples-MacBook-Pro-2 csf assignment % git push
fatal: The current branch main has no upstream branch.
To push the current branch and set the remote as upstream, use

git push --set-upstream origin main

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.
```

The bottom status bar shows file navigation icons, the current file path 'main', line and column numbers 'Ln 18, Col 10', character encoding 'UTF-8', line feed type 'LF', language 'Python', version '3.14.0', port number 'Port : 5500', and Prettier status.

