Calculator Problem Solution:

```cpp
#include<iostream>
using namespace std;
int main()
{
    char opr;
    float num1, num2;

  cout << "Enter operator: +, -, *, /: "<<endl;
  cin >> opr;

  cout << "Enter two numbers:"<<endl;
  cin >> num1 >> num2;

  switch(opr) {

    case '+':
      cout << num1 << " + " << num2 << " = " << num1 + num2;
      break;

    case '-':
      cout << num1 << " - " << num2 << " = " << num1 - num2;
      break;

    case '*':
      cout << num1 << " * " << num2 << " = " << num1 * num2;
      break;

    case '/':
      cout << num1 << " / " << num2 << " = " << num1 / num2;
      break;

    default:
      // If the operator is other than +, -, * or /, error message is shown
      cout << "Error! operator is not correct";
      break;
  }

  return 0;
}
```

File   Edit   Selection   View   Go   Run   Terminal   Help

C⁺ tut2.cpp   C⁺ tut3loop.cpp   C⁺ calculator.cpp ●   C⁺ sort2dPoints.cpp   ≡ first.txt

C⁺ calculator.cpp > ⬡ main()

```cpp
25        cout << num1 << " * " << num2 << " = " << num1 * num2;
26        break;
27
28     case '/':
29        cout << num1 << " / " << num2 << " = " << num1 / num2;
30        break;
31
32     default:
33        // If the operator is other than +, -, * or /, error message is shown
34        cout << "Error! operator is not correct";
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
PS C:\C++ course> cd "c:\C++ course\" ; if ($?) { g++ calculator.cpp -o calculato
r } ; if ($?) { .\calculator }
Enter operator: +, -, *, /:
/
Enter two numbers:
45
32
45 / 32 = 1.40625
PS C:\C++ course>
```

> powershell
> powershell
> powershell
> Code
> Code
> Code
> Code

EXPLORER ···

> OPEN EDITORS 2 UNSAVED
∨ C++ COURSE
  > .vscode
  ≡ a.exe
  C⁺ calculator.cpp
  ≡ calculator.exe
  ≡ first.txt
  C⁺ sort2dPoints.cpp
  ≡ sort2dPoints.exe
  C⁺ tempCodeRunnerFile.cpp
  C⁺ tut1.cpp
  ≡ tut1.exe
  C⁺ tut2.cpp
  ≡ tut2.exe
  C⁺ tut3loop.cpp
  ≡ tut3loop.exe

> TIMELINE

⊗ 0 ⚠ 0   Ln 39, Col 2   Spaces: 2   UTF-8   CRLF   C++   ◉ Go Live   Win32