

Q2.

INPUT

```
/*
author: Alan Sabu
a simple calculator
*/
#include<iostream>
using namespace std;
int main()
{
    float a,b;
    char op;
    cout<<"input the two numbers: ";
    cin>>a>>b;
    cout<<"input the operator: ";
    cin>>op;
    switch(op)
    {
        case '+': cout<<"a+b = "<<a+b;
        break;
        case '-': cout<<"a-b = "<<a-b;
        break;
        case '*': cout<<"a*b = "<<a*b;
        break;
        case '/': cout<<"a/b = "<<a/b;
        break;
        default: cout<<"invalid operator";
    }
    return 0;
}
```

OUTPUT

```
PS D:\C++> cd "d:\C++\" ; if ($?) { g++ calculator.cpp -o calculator } ; if ($?) { .\calculator }
input the two numbers: 43 23
input the operator: +
PS D:\C++> cd "d:\C++\" ; if ($?) { g++ calculator.cpp -o calculator } ; if ($?) { .\calculator }
input the two numbers: 124 56
input the operator: /
a/b = 2.21429
PS D:\C++> cd "d:\C++\" ; if ($?) { g++ calculator.cpp -o calculator } ; if ($?) { .\calculator }
input the two numbers: 23 145
input the operator: -
a-b = -122
PS D:\C++> cd "d:\C++\" ; if ($?) { g++ calculator.cpp -o calculator } ; if ($?) { .\calculator }
input the two numbers: 2 34
input the operator: *
a*b = 68
PS D:\C++> █
```