

//BHAVNA VERMA - 171210019 - 08/01/2019

//CLASS CALCULATOR

#include<iostream>

#include<conio.h>

using namespace std;

class CALCULATOR

{

float a, b;

public:

float add(float a, float b);

float sub(float a, float b);

float multiply(float a, float b);

float divide(float a, float b);

}s;

float CALCULATOR::add(float a, float b)

{

float c;

c=a+b;

return c;

}

float CALCULATOR::sub(float a, float b)

{

float c;

c=a-b;

```

        return c;
    }

float CALCULATOR::multiply(float a, float b )
{
    float c;

    c=a*b;

    return c;
}

float CALCULATOR::divide(float a, float b )
{
    float c;

    c=a/b;

    return c;
}


int main()
{
    float x, y, z;

    int opt=0;

    cout<<"1.add \n2.sub \n3.multiply \n4.divide";

    cin>>opt;

    cout<<"ENTER TWO NUMBERS ";

    cin>>x>>y;

    switch(opt)
    {

```

```

        case 1: z=s.add(x, y);

                cout<<z;

                break;

        case 2: z=s.sub(x, y);

                cout<<z;

                break;

        case 3: z=s.multiply(x, y);

                cout<<z;

                break;

        case 4: z=s.divide(x, y);

                cout<<z;

                break;

        default: cout<<"\nwrong option ";

    }

    getch();

}

```

OUTPUT

```

1.add
2.sub
3.multiply
4.divide
3
ENTER TWO NUMBERS 12 5
60

```

```

1.add
2.sub
3.multiply
4.divide
1
ENTER TWO NUMBERS 12
14
26

```

```

1.add
2.sub
3.multiply
4.divide
2
ENTER TWO NUMBERS 11.90 34.5
-22.6

```

```
1.add
2.sub
3.multiply
4.divide
4
ENTER TWO NUMBERS 45 7
6.42857
```