#include<iostream>

using namespace std;

class calculator

{

float a,b;

public : void result()

{

cout<<"Enter First Num..";

cin>>a;

cout<<"Enter second Num..";

cin>>b;

};

float add()

{

return a+b;

}

float sub()

{

return a-b;

}

float mul()

{

return a\*b;

}

float div()

{

if(b==0)

{

cout<<"Divided By zero"<<endl;

return 0;

}

else

{

return a/b;

}

}

};

int main()

{

int ch;

calculator c;

cout<<"Enter 1 To Add Two Numbers"<<

"\nEnter 2 To Substract Two Numbers"<<

"\nEnter 3 To Multiply Two Numbers"<<

"\nEnter 4 To Divide Two Numbers"<<

"\nEnter 0 To Exit";

do

{

cout<<"\nEnter The Choice : ";

cin>>ch;

switch(ch)

{

case 1 : c.result();

cout<<"Result : "<<c.add()<<endl;

break;

case 2 : c.result();

cout<<"Result : "<<c.sub()<<endl;

break;

case 3 : c.result();

cout<<"Result : "<<c.mul()<<endl;

break;

case 4 : c.result();

cout<<"Result : "<<c.div()<<endl;

break;

default : cout<<"Invalid Choice";

break;

}

}while (ch>=1 && ch<=4);

return 0;

}