#include <iostream>

using namespace std;

void add (float x, float y);

void sub(float x, float y);

void mult(float x, float y);

void div (float x, float y);

int main(){

int n,x,y;

cout<<"calculator in C++\n Enter the choice\n";

cout<<"Enter 1 for addition \n";

cout<<"Enter 2 for Subtraction\n";

cout<<"Enter 3 for Multiplication\n";

cout<<"Enter 4 for Division\n";

cin>>n;

switch(n){

case 1: add(x,y);

break;

case 2: sub(x,y);

break;

case 3: mult(x,y);

break;

case 4: div(x,y);

break;

default: cout<<"choice was inncorrect";}

return 0;

}

void add (float x, float y){

cout<<"enter first value = ";

cin>>x;

cout<<"enter second value =";

cin>>y;

cout<<"the addition of" <<x<<" and "<<y<< " is " <<x+y;

}

void sub(float x, float y){

cout<<"enter first value = ";

cin>>x;

cout<<"enter second value = " ;

cin>>y;

cout<<"the subtraction of" <<x<<" and "<<y<< " is " <<x-y;

}

void mult(float x, float y){

cout<<"enter first value = ";

cin>>x;

cout<<"enter second value = ";

cin>>y;

cout<<"the multiplication of" <<x<<" and "<<y<< " is " <<x\*y;

}

void div (float x, float y){

cout<<"enter first value =";

cin>>x;

cout<<"enter second value =";

cin>>y;

cout<<"the divion of" <<x<<" and "<<y<< " is " <<x/y;

}