#include <iostream>

using namespace std;

void adition(){

int a1;

int a2;

cout<<"entre a1"<<endl;

cout<<"entre a2"<<endl;

cin>>a1;

cin>>a2;

cout<<"the result ="<<a1+a2<<endl;

}

void substraction(){

int a1;

int a2;

cout<<"entre a1"<<endl;

cout<<"entre a2"<<endl;

cin>>a1;

cin>>a2;

cout<<"the result ="<<a1-a2<<endl;

}

void division(){

int a1;

int a2;

cout<<"entre a1"<<endl;

cout<<"entre a2"<<endl;

cin>>a1;

cin>>a2;

cout<<"the result ="<<a1/a2<<endl;

}

void multiplication(){

int a1;

int a2;

cout<<"entre a1"<<endl;

cout<<"entre a2"<<endl;

cin>>a1;

cin>>a2;

cout<<"the result ="<<a1\*a2<<endl;

}

int main()

{

int a;

cout<<"entre 1 for addition"<<endl;

cout<<"entre 2 for substraction"<<endl;

cout<<"entre 3 for division"<<endl;

cout<<"entre 4 for multiplication"<<endl;

cin>>a;

if(a==1){

adition();

}

else if(a==2){

substraction();

}

else if(a==3){

division();

}

else if (a==4){

multiplication();

}

else{

cout<<"invalid intructions"<<endl;

}

return 0;

}