#include<stdio.h>

int main(){

int a,b,c,d,e,f,g,ch;

printf("enter two variable a and b here-->");

scanf("%d %d", &a,&b);

printf("enter the operation \n 1. addition \n 2. difference \n 3. multiplication 4. division \n 5.remainder \n ");

scanf("%d", &ch);

switch(ch)

{

case 1:

c=a+b;

printf("sum of the two numbers is %d.", c);

break;

case 2:

d=a-b;

printf("difference of the two numbers is %d.",d);

break;

case 3:

e=a\*b;

printf("product of the two numbwrs is %d.", e);

break;

case 4:

f=a/b;

printf("difference of two numbers %d.",d);

break;

case 5:

g=a%b;

printf("mod of a and b id %d." ,g);

break;

default:

printf("error!! enter correct choice.");

}

}