#include<iostream>

using namespace std;

int main(){

int a , b;

cout << "enter value of a"<< endl;

cin>>a;

cout << "enter value of b"<< endl;

cin>>b;

int sum = a+b;

cout << sum <<endl;

int difference = a-b;

cout << difference <<endl;

int mult = a\*b;

cout << mult <<endl;

int div = a/b;

cout << div <<endl;

int mod = a%b;

cout << mod <<endl;

}