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#include<iostream>
using namespace std;
class arithmetic
{
    private:
        int a,b,res;
    public:
        void read(){
            cout<<"Enter the two numbers :";
            cin>>a>>b;
        }
        void add()
        {
            res=a+b;
            cout<<"\n Addition:  "<<a<<"+"<<b<<"="<<res;
        }
        void sub()
        {
            res=a-b;
            cout<<"\n Subtraction:  "<<a<<"-"<<b<<"="<<res;
        }
        void mul()
        {
            res=a*b;
            cout<<"\n Multiplication:  "<<a<<"*"<<b<<"="<<res;
        }
        void div()
        {
            res=a/b;
            cout<<"\n Division:  "<<a<<"/"<<b<<"="<<res;
        }
        void mod()
        {
            res=a%b;
            cout<<"\n Modulas:  "<<a<<"%"<<b<<"="<<res;
        }
};
int main()
{
    arithmetic a;
    a.read();
    a.add();
    a.sub();
    a.mul();
    a.div();
    a.mod();
    return 0;
}

```