```cpp
/***********************************************************************
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                            Online C++ Compiler.
                Code, Compile, Run and Debug C++ program online.
Write your code in this editor and press "Run" button to compile and
execute it.

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#include <iostream>
using namespace std;

class A {
    int a;
public:
    void setvalue(int i) {
        a=i;
    }
    friend void sum(class A,class B);
};
class B {
    int b;
public:
    void setvalue(int j) {
        b=j;
    }
    friend void sum(class A,class B);
};
void sum(A obj1,B obj2) {
    cout<<obj1.a+obj2.b;
}

int main()
{
    A x;
    B y;
    x.setvalue(10);
    y.setvalue(5);
    sum(x,y);
    return 0;


}
```