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#include <iostream> // friendc.cpp
using namespace std;

class y;

class x {
public:
    int f(y &);
    int f(){ return priv; }
    x(int i=0):priv(i){
        cout<<"Konstruktor x"<<endl;
    }
    ~x(){ cout<<"Destruktor x"<<endl; }
private:
    int priv;
};

class y {
    friend int x::f(y& z); // Memberfkt. als friend
public:
    y(int i=0):priv(i){
        cout<<"Konstruktor y"<<endl;};
    ~y(){ cout<<"Destruktor y"<<endl; };
private:
    int priv;
};

void main(){
    x a(10);
    y b(20);
    cout<<"a.priv = "<<a.f()<<endl;
    cout<<"b.priv = "<<a.f(b)<<endl;
    cin.get();
};

int x::f(y& z){ return z.priv; } //Private Daten y

/*
Konstruktor x
Konstruktor y
a.priv = 10
b.priv = 20

Destruktor y
Destruktor x
*/

```