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

class ohm {
    double u,i;                  // [v], [A]
public:
    ohm(double pu=0.0, double pi=1.0);
    ~ohm(){cout<<"Instanz Typ ohm geloescht"<<endl;}
    double get_r(){ return i?u/i:0.0;}
    double get_u(){ return u;}
    double get_i(){ return i;}
    void set_u(double pu=0.0){u=pu;}
    void set_i(double pi=1.0){i=pi;}
};

// Explizite Definition
ohm::ohm(double pu, double pi):u(pu),i(pi){};

void main(){
    ohm *o1=new ohm, *o2=new ohm(220.0, 10.0);
    (*o1).set_u(240.0);
    o1[0].set_u(230.0);
    o1->set_i(20.0);
    cout<<"o1.R = "<<o1->get_r()<<" o1.U = "<<o1->get_u()
        <<" o1.I = "<<o1->get_i()<<"\n";
    cout<<"o2.R = "<<o2->get_r()<<" o2.U = "<<o2->get_u()
        <<" o2.I = "<<o2->get_i()<<"\n";
    *o2=*o1;                      //Zuweisung erfolgt Komponentenweise
    delete o1; o1 = 0; delete o2; // delete o1, o2; falsch !!
    // cout<<"*o2="<<o2->get_u()<<endl; // falsche Ergebnisse !!
    cin.get();
}

/*
o1.R = 12 o1.U = 240 o1.I = 20
o2.R = 22 o2.U = 220 o2.I = 10
Instanz Typ ohm geloescht
Instanz Typ ohm geloescht
*/

```