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//=====
// Name      : SimpleClassC++.cpp
// Author    :
// Version   :
// Copyright  : Your copyright notice
// Description: Hello World in C++, Ansi-style
//=====

#include <iostream>
using namespace std;

class OhmsCalculation
{
public:
    double current;
    double resistance;

    //member function declarations
    double getVoltage(void);
    void setCurrent (double I);
    void setResistance (double R);
};

double OhmsCalculation :: getVoltage(void)
{
    return current * resistance;
}
void OhmsCalculation :: setCurrent(double I)
{
    current = I;
}
void OhmsCalculation :: setResistance(double R)
{
    resistance = R;
}

int main() {

    OhmsCalculation Ohmsresult1;
    double voltage = 0.0;

    Ohmsresult1.setCurrent(0.03);
    Ohmsresult1.setResistance(100);

    voltage = Ohmsresult1.getVoltage();
    cout << "Voltage of Ohmsresult1 :" << voltage;

    return 0;
}
```