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//Using classes calculate taxes and employee salary
#include "iostream"
#include "iomanip"

using namespace std;

class Income
{
public:
    virtual double pay_salary()=0;
    virtual double compute_deductions()=0;
    virtual double calculate_tax()=0;
};

class Income2 : public Income
{
    double basic;
    double DA;
public:
    void set_salary()
    {
        basic = 1000000;
        DA = 50000;
    }
    double compute_deductions()
    {
        return 0.08*basic;
    }

    double pay_salary()
    {
        return (basic + DA + 0.15*basic - compute_deductions());
    }
    double calculate_tax()
    {
        double salary = pay_salary();
        if(salary <= 100000)
            return 0.2*salary;
        else
            return (0.3*salary + 0.3*0.1*salary);
    }
};

int main()
{
    Income2 obj;
    obj.set_salary();
    cout << fixed << setprecision(2);
    cout << "Deductions : " << obj.compute_deductions() << endl;
    cout << "Salary : " << obj.pay_salary() << endl;
    cout << "Tax : " << obj.calculate_tax() << endl;
}

```

OUTPUT:

```

Deductions : 80000.00
Salary : 1120000.00
Tax : 369600.00

```