// pgm4sol.cpp

// Produce employee salary report for multiple employees
#include <iostream> // for cin, cout
using namespace std;

int main()
{
    const double PAY_INCREASE1 = 0.076, // Declare constants
             PAY_INCREASE2 = 0.065;
    double prev_annual_sal, // Declare variables
           annual_sal_incr,
           retro_pay,
           new_annual_sal,
           new_monthly_sal;
    char emp_name[80];
    char ans;

    // Pre-loop
    cout << "Employee Salary Reports\n";
    cout.setf(ios::fixed);
    cout.setf(ios::showpoint);
    cout.precision(2);

    do // Loop for each employee
    { // Loop for each employee
        cout << "Enter employee's name: ";
        cin.getline(emp_name, 80);
        cout << "Enter previous annual salary: ";
        cin >> prev_annual_sal;

        if (prev_annual_sal <= 80000.)
            annual_sal_incr = PAY_INCREASE1 * prev_annual_sal;
        else
            annual_sal_incr = PAY_INCREASE2 * prev_annual_sal;

        retro_pay = annual_sal_incr * 0.5;
        new_annual_sal = prev_annual_sal + annual_sal_incr;
        new_monthly_sal = new_annual_sal / 12.0;

        cout << "Employee's name: " << emp_name
             << "Previous annual salary: " << prev_annual_sal
             << "Retroactive pay due the employee: " << retro_pay
             << "New annual salary: " << new_annual_sal
             << "New monthly salary: " << new_monthly_sal;

        cout << "Another employee to process? (Y or N): ";
        cin >> ans;
        cin.get();
    }
    while (ans == 'y' || ans == 'Y');

    cout << "End of Employee Salary Reports\n"; // Post-loop
    return 0;
}
Sample Run:

Employee Salary Reports

Enter employee's name: Jose Bartolo
Enter previous annual salary: 100000

Employee's name: Jose Bartolo
Previous annual salary: 100000.00
Retroactive pay due the employee: 3250.00
New annual salary: 106500.00
New monthly salary: 8875.00

Another employee to process? (Y or N): y

Enter employee's name: Alice Kellenberger
Enter previous annual salary: 80000

Employee's name: Alice Kellenberger
Previous annual salary: 80000.00
Retroactive pay due the employee: 3040.00
New annual salary: 86080.00
New monthly salary: 7173.33

Another employee to process? (Y or N): y

Enter employee's name: Pat Sweeney
Enter previous annual salary: 76000.34

Employee's name: Pat Sweeney
Previous annual salary: 76000.34
Retroactive pay due the employee: 2888.01
New annual salary: 81776.37
New monthly salary: 6814.70

Another employee to process? (Y or N): n

End of Employee Salary Reports