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//*****
//
//   Sample Solution for pa2.cc  --  Fall 2005
//
//*****
#include <iostream>
#include <iomanip>
using namespace std;

const double TAX_RATE = 0.065;
const double USAGE_FEE = 0.005;

int main()
{
    int    minutes;
    double baseFee, baseFeeTax, minutesFee, totalBill;
    string customerName;

    // get user input
    cout << "Enter customer name: ";
    cin >> customerName;
    cout << "Enter your base fee: ";
    cin >> baseFee;
    cout << "Enter the minutes used: ";
    cin >> minutes;

    // calculate bill
    baseFeeTax = baseFee * TAX_RATE;
    minutesFee = minutes * USAGE_FEE;

    totalBill = baseFee + baseFeeTax + minutesFee;

    // setup output of floating point numbers -- 2 decimal places
    cout << fixed << showpoint;
    cout.precision(2);

    // output results
    cout << "-----\n";
    cout << "Customer Name: " << customerName << endl;
    cout << "-----\n";
    cout << "Minutes Used:          " << setw(8) << minutes << endl << endl;
    cout << "Usage Charge:          " << setw(8) << minutesFee << endl;
    cout << "Base Fee:              " << setw(8) << baseFee << endl;
    cout << "Base Fee Tax:          " << setw(8) << baseFeeTax << endl;
    cout << "-----\n";
    cout << "Total Bill:           $ " << setw(8) << totalBill << endl << endl;

    return 0;
}

```