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// Chap3Lab2.cpp

// Written by Andrew Pettus on Sep/08/2022

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// User Story: As a home owner, I would like to be able to calculate my electric bill, rent, and water bill to have a printable report each month formatted for my records.

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#include <iostream>

#include <iomanip>

#include <string>

using namespace std;

int main()

{

// Variable Creation

string monthName;

double rentBill = 0.0;

double elecBill = 0.0;

double watrBill = 0.0;

double monthSum = 0.0;

cout << fixed << showpoint << setprecision(2);

// User Input Prompts

cout << "Please enter the month for the list of bills: ";

getline(cin, monthName);

cout << endl;

cout << "Please enter the numerical value of the rent: ";

cin >> rentBill;

cout << endl;

cout << "Please enter the numerical value of the electric bill: ";

cin >> elecBill;

cout << endl;

cout << "Please enter the numerical value of the water bill: ";

cin >> watrBill;

cout << endl;

// Process Total Amount

monthSum = (rentBill + elecBill + watrBill);

// Output Results

cout

<< "-----------------------------------------------" << endl;

cout << left << setw(35) << setfill(' ') << "Month: "

<< right << setw(12) << monthName << endl;

cout << left << setw(35) << "Rent Amount: "

<< setfill(' ') << right << " $" << setw(10)

<< rentBill

<< endl;

cout << left << setw(35) << "Electricity Bill Cost: "

<< setfill(' ') << right << " $" << setw(10)

<< elecBill

<< endl;

cout << left << setw(35) << "Water Bill Cost: "

<< setfill(' ') << right << " $" << setw(10)

<< watrBill

<< endl;

cout << setfill(' ') << left << setw(35)

<< "Monthly Total: "

<< setfill(' ') << right << " $"

<< setw(10) << monthSum << endl;

return 0;

}

Text

Description automatically generated