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// Included: Lab 1

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// CMPR 121

// =======================

#include <iostream>

#include <iomanip>

using namespace std;

/\*================ FUNCTION PROTOTYPES ==================\*/

double getBalance();

double getDeposit();

double calcNewBalance(double, double);

void displayBalance(double, double);

/\*================ FUNCTION PROTOTYPES ==================\*/

/\*

============================================================== MAIN FUNCTION BEGINS ===

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\*/

int main () {

double balance = 0.0;

double deposit = 0.0;

double newBalance = 0.0;

balance = getBalance();

deposit = getDeposit();

newBalance = calcNewBalance(balance, deposit);

displayBalance(deposit, newBalance);

/\*

============================================================== MAIN FUNCTION ENDS ===

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/\*

============================================================== CODE OUTPUT ===

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A screenshot of a computer

AI-generated content may be incorrect.

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============================================================== HELPER FUNCTION BEGINS ===

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// Function asking user to input a balance and will return // the value to main

double getBalance(){

double bankBalance = 0.0;

cout << "Enter your bank balance:" << setw(3) << " ";

cin >> bankBalance;

cout << endl;

return bankBalance;

// Function asking user to input a deposit and will return // the value to main.

\*/

double getDeposit(){

double depositAmt = 0.0;

cout << "Enter the deposit amount:" << setw(3) << " ";

cin >> depositAmt;

cout << endl;

return depositAmt;

}

// Function to calculate the balance by adding the current

// balance and deposit. Then return the value to main.

double calcNewBalance(double balance, double deposit){

double newBalance = 0.0;

newBalance = balance + deposit;

return newBalance;

}

// Function to display the final balance

void displayBalance(double deposit, double newBalance){

cout << "With a deposit of $" << deposit << " your new

balance is $" << newBalance << "." << endl;

}

/\*

============================================================== HELPER FUNCTION ENDS ===

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