**Austin Tesch**

**Chapter One**

**Date: 09-04-24**

**First program: ch1\_pgm1-1; A program to calculate the users pay.**

**Code:**

// Programmer: Austin Tesch

// Purpose: A program to calcuate the users pay.

// Date modified: 04-09-2024

//Compiler used:  XCODE v.15.2

#include <iostream>

**using** **namespace** std;

**int** main()

{

**double** hours, rate, pay;

// Get the number of hours workd from user.

cout << "How many hours did you work? ";

cin >> hours;

// Get the hourly rate of pay from user.

cout << "How much do you get paid per hour? ";

cin >> rate;

// Calcuate the pay.

pay = hours \* rate;

// Display the pay to the user.

cout << "You have earned $" << pay << endl;

**return** 0;

}

**Output:**

**A screenshot of a phone

Description automatically generated**

**Second program: ch1\_pgm1-2; A program to print a message with my name in it.**

**Code:**

// Programmer: Austin Tesch

// Purpose: This program prints a message with my name in it.

// Date modified: 04-09-2024

//Compiler used:  XCODE v.15.2

#include <iostream>

**using** **namespace** std;

**int** main()

{

cout << "Hi! It\'s me, Austin! \n";

cout << "I\'m learning to program! \n";

**return** 0;

}

**Output:**

**A screenshot of a phone

Description automatically generated**