#include <iostream>

#include <string>

#include <iomanip>

using namespace std;

int main() {

// variable declaration

string first\_name, // store user first name

last\_name; // store user last name

double hours\_worked, // store hours worked

hourly\_wage, // store hourly wage

total\_pay; // store pay total

// collect information

cout << "Enter the following information."

<< "\nFirst name: ";

getline(cin, first\_name);

cout << "\nLast name: ";

getline(cin,last\_name);

cout << "\nHours worked: ";

cin >> hours\_worked;

cout << "\nHourly wage: ";

cin >> hourly\_wage;

cout << "\nThank you." << endl;

// calculation

total\_pay = hours\_worked \* hourly\_wage;

// output

cout << first\_name << " " << last\_name << " " << "worked "

<< hours\_worked << " hours at an hourly rate of $" << hourly\_wage

<< "/hour and made $" << total\_pay << ".";

// end program

return 0;

}