Problem

You have decided to take on some part-time work—maybe painting, gardening, house cleaning, computer repair, etc.

You would like to have a program print an invoice when you are done with a job.
Algorithm

1. Welcome the user

2. Get the input

Plan: what you will say

Explain the purpose of this program

Read in the pay rate

Prompt for the pay rate (e.g., 4.50)

Read in the hours worked

Echo the hours worked and pay rate

you entered — hours at $ — rate
3. Calculate the amount owed
   \[ \text{result} = \text{payrate} \times \text{number hours worked} \]

4. Display invoice
   (in your algorithm plan what the invoice will look like)

5. Termination Message
/*
for work done. This program prepares an invoice
*/

Program:  
Class:  cs141
Name:  Tan Miller

using namespace std;
#include <iostream>

The Program
```c
"Welcome to the Inventory Creator!"
"Welcome Message"

"Total"  
"Rounded up?"
"My Rate"

"Define Variables"

"int main()"
```cpp
"" echo
"" Now Echo!

cin >> pay-rate;
cout << "Please enter your pay rate: 
";
cin >> pay-rate;

hours-worked >> "" worked: "" (6.9, 2.0
hours-worked >> "" Please enter the number of hours

"Get the input - first prompt
```
Thank you for using our services.

Please pay within 30 days.

The cost is $1,111.00.

Make payable to John Miller.

Calculate the amount owed:

hours-worked * pay-rate = amount-owed

amount-owed = amount-owed
return \phi_i