#include <iostream>

using namespace std;

int main()

{

int hours;

double gross\_pay, rate;

cout << "Enter the hourly rate of pay: $";

cin >> rate;

cout << "Enter the number of hours worked,\n";

<< "rounded to a whole number of hours: ";

cin >> hours;

if (hours > 40)

gross\_pay = rate \* 40 + 1.5 \* rate \* (hours - 40);

else

gross\_pay = rate \* hours;

cout.setf(ios::fixed);

cout.setf(ios::showpoint);

cout.precision(2);

cout << "Hours = " << hours << endl;

cout << "Hourly pay rate = $" << rate << endl;

cout << "Gross pay = $" << gross\_pay << endl;

return 0;

}