1. The following code is seriously broken. Circle every mistake and write a correct version to the right.

```cpp
#include <iostream>
uses std::cout;

class Worker {
    double hourly-rate;

public:
    Worker(double rate);
    {
        hourly-rate = rate;
    }

    int getPay(int hours) {
        return hours * hourly-rate;
    }
}

void main() {
    Worker worker(12.50);
    int hours;
    cout << "Enter hours worked: ";
    cin >> hours;
    cout << "Work will cost " << worker.getPay(14) << end;
}
```
2. Write a new version of `getPay()` to calculate “time and a half” overtime, i.e., a worker gets 1.5 times her hourly rate on all work over 8 hours.

3. Given this code:

```cpp
#include <iostream>
#include <string>

int main()
{
    std::string courseName;

    std::cout << "Course name: ";
    std::cin >> courseName;

    std::cout << "Welcome to " << courseName << "!" << std::endl;
}
```

What will be printed after the following user input?

Course name: **CS 211 Fundamentals of Programming II**