C++ Structured Program (LAB TUTORIAL)

TASK 1: Write the following code in the source file and correct it.

```cpp
#include <iostream>
using namespace std;


int main() {
    if numNeighbors >= 3 || numNeighbors = 4
        ++numNeighbors;
        cout << "You are dead!" << endl;
     else
        --numNeighbors;
    return 0;

}
```

TASK 2: Write a program which read an integer variable **year** and assign true to the boolean variable **leapYear** if the integer variable **year** is a leap year and display the result on the screen. (Note that the leap year is a multiple of 4, and if it is a multiple of 100, it must also be a multiple of 400.)

```
Enter a year as four digits: 2004
The entered year is a leap year
```

```
Enter a year as four digits: 2100
The entered year is not a leap year
```