CP Problem Statement – 1

Problem Statement

Given an integer x , return true if x is palindrome integer.
An integer is a palindrome when it reads the same backward as forward.
For example, 121 is a palindrome while 123 is not.

Example 1:

Input: x = 121
Output: true
Explanation: 121 reads as 121 from left to right and from right to left.

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

int palindrome(int x)
{
    int rev=0,n=x;
    if(x<0)
        return 0;
    while (n!=0)
    {
        rev = rev*10 + n%10;
        n = n/10;
    }
    if(rev==x)
        return 1;
    else
        return 0;
}

int main()
{
    int x=123;
    if(palindrome(x))
        cout<<"True";
    else
        cout<<"False";
    return 0;
}
```