CP problem statement :1

AJOB READY BOOTCAMP IN C++,DSA and IOT

1.Palindrome integer
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.

Example 2:
Input: = -121
Output: = false

Ans:-

```
#include <iostream>
using namespace std;
int palindrome(int x)
{
    int rev=0, rem=0, temp=x;
    while(temp!=0)
    {
        rem=temp%10;
        rev=(rev*10)+rem;
        temp=temp/10;
    }
    if(rev==x)
        return 1;
    else
        return 0;
}

int main()
{
    int x=252;
    if(x<0)
    {
        cout<<"False";
        return 0;
    }
    if(palindrome(x))
    {
```

```
        cout<<"True";
    }
    else
       cout<<"False";
    return 0;
}
```