

# CP Problem Statement : 1

A Job Ready Bootcamp in C++, DSA and IOT

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## 1. Pallindrome 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: x = -121
Output: false
```

Explanation: From left to right, it reads -121. From right to left, it becomes 121-. Therefore it is not a palindrome.

## Example 3:

Input:  $x = 10$

Output: false

Explanation: Reads 01 from right to left. Therefore it is not a palindrome.

### Constraints:

- $-231 \leq x \leq 231 - 1$

**Note :** Solve it without converting the integer to a string.

## Facing Issues 😊

If you are facing any issues, please reach out to us at [adityachaudhary@ineuron.ai](mailto:adityachaudhary@ineuron.ai), [prateek@ineuron.ai](mailto:prateek@ineuron.ai)



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