[CS 11] Prac 0j – Pal

oj.dcs.upd.edu.ph/problem/cs11prac0j

Problem Statement

A **palindrome** is something that reads the same forwards or backwards. For example, "madam" is a palindrome.

Well, Erdős Pál doesn't care much about words—he cares much more about numbers. But luckily, numbers can be palindromes too! For example, 2002 is a palindrome, while 2020 is not.

Erdős Pál is currently looking at the integer nn. Is nn a palindrome or not?

Task Details

Your task is to implement a function called `is_palindromic`. This function has a single parameter `n`, an `int`, whose meaning is described in the problem statement.

The function must return a `bool`. It must return `True` if nn is a palindrome, and `False` otherwise.

Example Calls

Example 1 Function Call

Copy

```
is_palindromic(2002)
```

Example 1 Return Value

Copy

```
True
```

Example 2 Function Call

Copy

```
is_palindromic(2020)
```

Example 2 Return Value

Copy

```
False
```

Example 3 Function Call

Copy

```
is_palindromic(6174)
```

Example 3 Return Value

Copy

```
False
```

Example 4 Function Call

Copy

```
is_palindromic(1729)
```

Example 4 Return Value

Copy

```
False
```

Constraints

When the program is run:

- The function `is_palindromic` will be called at most 2,0002,000 times.
- In each function call, 1≤n<102001 $\leq n < 10^{200}$.

Scoring

You get 100100 ❤️ points if you solve all test cases correctly.

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Clarifications

No clarifications have been made at this time.