Binary Number with Alternating Bits

Problem statement:

Given a positive integer, check whether it has alternating bits: namely, if two adjacent bits will always have different values.

Example 1:

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Input: 5

Output: True

Explanation:

The binary representation of 5 is: 101
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Example 2:

```
Input: 7

Output: False

Explanation:

The binary representation of 7 is: 111.
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Example 3:

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Input: 11

Output: False

Explanation:

The binary representation of 11 is: 1011.
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Example 4:

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Input: 10

Output: True

Explanation:

The binary representation of 10 is: 1010.
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