1017. Convert to Base -2

Description

Given an integer `n`, return *a binary string representing its representation in base* `-2`.

Note that the returned string should not have leading zeros unless the string is `"0"`.

Example 1:

```
Input: n = 2
Output: "110"
Explantion: (-2)^2 + (-2)^1 = 2
```

Example 2:

```
Input: n = 3
Output: "111"
Explantion: (-2)^2 + (-2)^1 + (-2)^0 = 3
```

Example 3:

```
Input: n = 4
Output: "100"
Explantion: (-2)^2 = 4
```

Constraints:

- `0 <= n <= 10^9`