

Problem statement[Send feedback](#)

You have been given an integer '**N**'.

Your task is to return true if it is a power of two. Otherwise, return false.

An integer 'N' is a power of two, if it can be expressed as 2^K where 'K' is an integer.

For example:

'N' = 4,

4 can be represented as 2^2 . So, 4 is the power of two, and hence true is our answer.

Detailed explanation (Input/output format, Notes, Images)**Sample Input 1:**

16

Sample Output 1:

true

Explanation of Sample Input 1:

16 can be represented as 2^4 . So, 16 is the power of two, and hence true is our answer.

Sample Input 2:

10

Sample Output 2:

false

Constraints:

$-2^{31} \leq 'N' \leq 2^{31} - 1$

Time Limit: 1sec