

## Find Nth root of M

You are given 2 numbers (**n** , **m**); the task is to find  $\sqrt[n]{m}$  ( $n^{\text{th}}$  root of m).

### Example 1:

**Input:** n = 2, m = 9

**Output:** 3

**Explanation:**  $3^2 = 9$

### Example 2:

**Input:** n = 3, m = 9

**Output:** -1

**Explanation:** 3rd root of 9 is not integer.

### Your Task:

You don't need to read or print anything. Your task is to complete the function **NthRoot()** which takes n and m as input parameter and returns the nth root of m. If the root is not integer then returns -1.

**Expected Time Complexity:**  $O(n \cdot \log(m))$

**Expected Space Complexity:**  $O(1)$

### Constraints:

$1 \leq n \leq 30$

$1 \leq m \leq 10^9$