

1346. Check If N and Its Double Exist

Description

Given an array `arr` of integers, check if there exist two indices `i` and `j` such that :

- `i != j`
- `0 <= i, j < arr.length`
- `arr[i] == 2 * arr[j]`

Example 1:

Input: `arr = [10,2,5,3]`

Output: `true`

Explanation: For `i = 0` and `j = 2`, `arr[i] == 10 == 2 * 5 == 2 * arr[j]`

Example 2:

Input: `arr = [3,1,7,11]`

Output: `false`

Explanation: There is no `i` and `j` that satisfy the conditions.

Constraints:

- `2 <= arr.length <= 500`
- `-103 <= arr[i] <= 103`

