

### 31. Check If All 1's Are at Least Length K Places Away

Given an binary array nums and an integer k, return true if all 1's are at least k places away from each other, otherwise return false.

#### Code:

```
def kLengthApart(nums, k):
    last_index = -k - 1

    for i in range(len(nums)):
        if nums[i] == 1:
            if i - last_index - 1 < k:
                return False
            last_index = i
    return True

nums = [1, 0, 0, 0, 1, 0, 0, 1]
k = 2
print(kLengthApart(nums, k))

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k = 2
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```

#### Output:

```
True
False
```

#### Time Complexity:

- $T(n) = O(n)$