contains duplicate

```python
class Solution:
    def containsDuplicate(self, nums: List[int]) -> bool:
        return len(nums)!=len(set(nums))
```

contains duplicate II

```python
class Solution:
    def containsNearbyDuplicate(self, nums: List[int], k: int) -> bool:
        d={}
        for i,x in enumerate(nums):
            if x in d and (i-d[x])<=k:
                return True
            d[x]=i
        return False
```