Contains duplicates

part 2 using sorting

code:

```
from typing import List

class Solution:
    def contains_duplicates(self, nums: List[int]) -> bool:
        nums.sort()
        for i in range(1, len(nums)):
            if nums[i] == nums[i-1]:
                return True
        return False

print(Solution().contains_duplicates(nums=[1,2,3,4,1]))
```

- Step 1 :
  self -> solution instance
  nums -> 1 2 3 4 1 (index: 0 1 2 3 4)

- Step 2 (nums.sort()) :

nums → 1 1 2 3 4 (index: 0 1 2 3 4)

- Step 3 (for i in range(1, len(nums)):
  i → 1

- Step 4 (if nums[i] == nums[i-1])
  nums[1] = 1
  nums[i-1] => nums[0] = 1
  } => nums[i] == nums[i-1]

return True