1.2 check Permutation - Given Two strings write a method to determine if one is a permutation of the other.

Permutation → if the string has the same characters but dif order.

Simplest
IN - "a" "a" or "a" "b"
OUT - True False

#V2
IN - "ab" "ba" "cd" "ab"
OUT - True False

Solutions
*Sort and check each index is equal - n log(n)
- Set - check if sets are equal - n^2 python checks all elements in set

#Edge cases
lengths different

```
def isPermutation(s1, s2):
    l1 = sorted(s1)# → list of ['a' 'b' 'c'] ← Python's Tim sort - runs n log(n) - best case n
    l2 = sorted(s2) # → list of []
    if len(s1) != len(s2):
        return False
    return True
```

Notes
- You could also create an array of ints. Loop through first array and add 1 to each index then minus 1 to each index. → The array should sum to 0 at the end.
  ↳ if it ever goes negative return false.