Check permutation: Given two strings, check it one is a permutation of the other.

? Are we given a specific string to check against the other, or just compare both?

what is a permutation?
An arrangement of all or part of a set of objects.
Order matters!

Example:

ABC

Permutations: BAC, CBA, ACB... etc.

length also matters. AB is not a permutation of ABC, unless we are specifying permutations of 617e2.

given two [1) must be the same length
strings [2) should contain the same characters
what we can do is sort both strings, iterate
through both in one loop to see if each
character matches. This would be o(n) time.

Implementation:

if (str1.length !== str2.length)?

return false;

sorted str1 = str1.sort();

sorted str2 = str2.sort();

for (let i=0; iz str1.length; itt)?

if (sorted str1[i]!== sorted str2[i])?

return false;

}

return true;