## Common String Questions

Reverse a given string ("Hello" becomes "olleH")

Reverse the order of words in a string ("Hi There" becomes "There Hi")

Is the string a palindrome (identical to itself if it is reversed)?

What is the most common character in the string?

Does string A have the same characters as string B (is it an anagram)?

Does the given string have any repeated characters in it?

Compact a string. "bbbccaaaad" becomes "b3c2a4d1".

#### **String Question Tips**

#### Need to iterate through a string?

Use array methods for iteration (forEach, map). Avoid manual for loops!

Using a 'for...of' loop is OK.

Be aware of new Array(n) for creating empty arrays

Need to reverse a string?

Use String.prototype.split() and Array.prototype.join()

Be aware of Array.prototype.reverse()

Need a uniqueness check or counting characters of any kind?

Record letter counts in an object

Need to compact the string down in any way?

Use Array.prototype.reduce()

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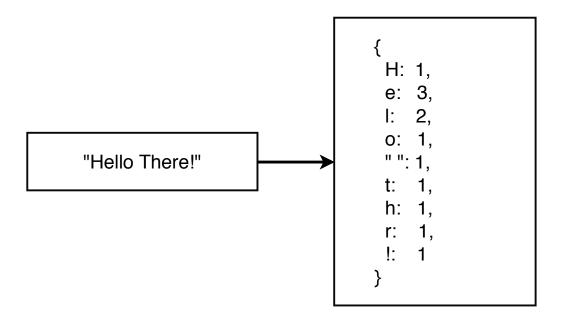
Condense a string

# Common String Questions

What is the most common character in the string?

Does string A have the same characters as string B (is it an anagram)?

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Turn 'str' into an array

Call 'reverse' method on the array

Join the array back into a string

Return the result

Create an empty string called 'reversed'

for each character in the provided string

Take the character and add it to the start of 'reversed'

Return the variable 'reversed'

```
return str.split(").reduce((acc, character) => character + acc, " " );
```

0	10	14
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is 'every' value greater than 5?

array.every((val) => val > 5);

