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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Reverse a string

Count characters

Condense a string

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```
"Hello There!"  →  {
                     H:  1,
                     e:  3,
                     l:  2,
                     o:  1,
                     " ": 1,
                     t:  1,
                     h:  1,
                     r:  1,
                     !:  1
                   }
```

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

is 'every' value greater than 5?

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

a	b	c	b	a
0				4