

JS

Remove character from string

in **JavaScript**



How to remove string characters

Using the **replace method** with a regular expression to remove specific characters from a string.



```
let originalString = "Hello World!";
let removedCharacters = originalString.replace(/l/g, '');
console.log(removedCharacters);
```

output

Heo Word!

Removes all
occurrences of 'l'



Removing a character at a given index

Slicing the string to remove a character at a specified index and then **concatenating** the remaining parts.



```
let originalString = "Hello World!";
let indexToRemove = 3;
let removedCharacter = originalString.slice(0, indexToRemove)
+ originalString.slice(indexToRemove + 1);
console.log(removedCharacter);
```

output

→ Helo Word!



Using regex to remove characters

Using a regular expression (`/\D/g`) to remove all non-numeric characters from the string.



```
let originalString = "Hello123World!";
let removedNonNumeric = originalString.replace(/\D/g, '');
console.log(removedNonNumeric);
```

output

123

Removes all non-
numeric characters



Removing characters after a certain point

Slicing the string to keep only the characters before a specified starting point.



```
let originalString = "Hello World!";
let startPoint = 3;
let removedCharacters =
originalString.slice(0, startPoint);
console.log(removedCharacters);
```

output

123



Storing removed characters in a new variable

Removing a character at a given index and storing the removed character in a new variable, while keeping the original string intact



```
let originalString = "Hello World!";
let indexToRemove = 3;
let removedCharacter = originalString.charAt(indexToRemove);
let newString = originalString.replace(removedCharacter, '');
console.log(newString);
```

output

Heo Word!





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