

# String Operations

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- The basic operations on a string are:
  - Concatenation
  - Comparison
  - Searching
  - Replacing
  - Splitting
  - Trimming
  - Case conversion
- The concatenation operation is used to combine two or more strings together
- The comparison operation is used to compare two strings
- The searching operation is used to find a string within another string
- The replacing operation is used to replace a string with another string
- The splitting operation is used to split a string into an array of substrings
- The trimming operation is used to remove whitespace from the beginning and end of a string
- The case conversion operation is used to convert a string to uppercase or lowercase

## Example

```
var str1 = "Hello";
var str2 = "World";
var str3 = str1 + " " + str2; // Concatenation
var str4 = str3.toUpperCase(); // Case conversion
var str5 = str3.toLowerCase(); // Case conversion
var str6 = str3.replace("World", "Universe"); // Replacing
var str7 = str3.split(" "); // Splitting
var str8 = str3.trim(); // Trimming
```

## Quiz time!

```
var str1 = " Hello ";
var str2 = " World ";
var str3 = str1.trim() + " " + str2.trim();
var str4 = str3.toUpperCase();
```

Output: HELLO WORLD