

JavaScript String Practice Questions

1. Check String Input

- Write a JavaScript function to check whether an 'input' is a string or not.

Test Data:

```
console.log(is_string('w3resource')); // true
```

- ```
console.log(is_string([1, 2, 4, 0])); // false
```

### 2. Check Blank String

- Write a JavaScript function to check whether a string is blank or not.

#### Test Data:

```
console.log(is_Blank("")); // true
```

- ```
console.log(is_Blank('abc')); // false
```

3. String to Array of Words

- Write a JavaScript function to split a string and convert it into an array of words.

- **Test Data:**

```
console.log(string_to_array("Robin Singh")); // ["Robin", "Singh"]
```

4. Extract Characters

- Write a JavaScript function to extract a specified number of characters from a string.

- **Test Data:**

```
console.log(truncate_string("Robin Singh", 4)); // "Robi"
```

5. Abbreviate Name

- Write a JavaScript function to convert a string into abbreviated form.

- **Test Data:**

```
console.log(abbrev_name("Robin Singh")); // "Robin S."
```

6. Hide Email Address

- Write a JavaScript function that hides email addresses to prevent unauthorized access.

- **Test Data:**

```
console.log(protect_email("robin_singh@example.com")); //  
"robin...@example.com"
```

7. Parameterize String

- Write a JavaScript function to parameterize a string.

- **Test Data:**

```
console.log(string_parameterize("Robin Singh from USA.")); //  
"robin-singh-from-usa"
```

8. Capitalize First Letter

- Write a JavaScript function to capitalize the first letter of a string.

- **Test Data:**

```
console.log(capitalize('js string exercises')); // "Js string exercises"
```

9. Capitalize Each Word

- Write a JavaScript function to capitalize the first letter of each word in a string.
- **Test Data:**
`console.log(capitalize_Words('js string exercises')); // "Js String Exercises"`

10. Swap Case

- Write a JavaScript function that converts uppercase letters to lowercase and vice versa.
- **Test Data:**
`console.log(swapcase('AaBbc')); // "aAbBC"`

11. Camelize String

- Write a JavaScript function to convert a string into camel case.
- **Test Data:**
`console.log(camelize("JavaScript Exercises")); // "JavaScriptExercises"`

12. Uncamelize String

- Write a JavaScript function to uncamelize a string.

Test Data:

```
console.log(uncamelize('helloWorld')); // "hello world"
```

- `console.log(uncamelize('helloWorld','-')); // "hello-world"`

13. Repeat String

- Write a JavaScript function to concatenate a given string n times.
- **Test Data:**
`console.log(repeat('Ha!', 3)); // "Ha!Ha!Ha!"`

14. Insert in String

- Write a JavaScript function to insert a string within another string at a given position.

Test Data:

```
console.log(insert('We are doing some exercises.', 'JavaScript ', 18));
```

- `// "We are doing some JavaScript exercises."`

15. Humanize Format

- Write a JavaScript function that formats a number with the correct suffix (1st, 2nd, etc.).
- **Test Data:**
`console.log(humanize_format(301)); // "301st"`

16. Truncate String with Ellipsis

- Write a JavaScript function to truncate a string and append "...".

Test Data:

```
console.log(text_truncate('We are doing JS string exercises.', 15, '!!')); 
```

- `// "We are doing !!"`

17. Chop String into Chunks

- Write a JavaScript function to chop a string into chunks.
- **Test Data:**
`console.log(string_chop('w3resource', 3)); // ["w3r", "eso", "urc", "e"]`

18. Count Substring Occurrences

- Write a JavaScript function to count occurrences of a substring in a string.

Test Data:

`console.log(count("The quick brown fox jumps over the lazy dog", 'the'));`

- // Output: 2

19. Reverse Binary Representation

- Write a JavaScript function that reverses the binary representation of a number and returns its decimal form.
- **Test Data:**
`console.log(reverse_binary(100)); // 19`

20. Pad String to Length

- Write a JavaScript function to pad a string to a specified length.
- **Test Data:**
`console.log(formatted_string('0000', 123, 'l')); // "0123"`