

tringLoop.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>String Methods</title>
7 </head>
8 <body>
9   <script>
10     let userName = "Amir shah ";
11     let phoneNumber = "013-203-1203";
12
13     // Array of operations and their corresponding labels
14     const operations = [
15       { label: "Character at index 1", value: userName.charAt(1) },
16       { label: "Index of first space", value: userName.indexOf(" ") },
17       { label: "Last index of 'a'", value: userName.lastIndexOf("a") },
18       { label: "Length of username", value: userName.length },
19       { label: "Trimmed username", value: userName.trim() },
20       { label: "Uppercase username", value: userName.toLocaleUpperCase() },
21       { label: "Lowercase username", value: userName.toLocaleLowerCase() },
22       { label: "Repeated username", value: userName.repeat(3) },
23       {
24         label: "Starts with 'A'",
25         value: userName.startsWith("A") ? "Your username should start with 'A'" : "Your username is fine"
26       },
27       {
28         label: "Ends with space",
29         value: userName.endsWith(" ") ? "Your username should not end with space" : "Your username is fine"
30       },
31       {
32         label: "Includes space",
33         value: userName.includes(" ") ? "Your username should not include space" : "Your username is fine"
34       },
35       {
36         label: "Phone number without dashes",
37         value: phoneNumber.replaceAll("-", "")
38       },
39       {
40         label: "Phone number padded to 15 characters",
41         value: phoneNumber.padStart(15, "0")
42       }
43     ];
44
45     // Loop through the operations and create the paragraphs
46     operations.forEach(operation => {
47       let paragraph = document.createElement("p");
48       paragraph.textContent = `${operation.label}: ${operation.value}`;
49       document.body.appendChild(paragraph);
50     });
51   </script>
52 </body>
53 </html>
54
```