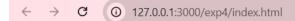
```
//Name: Ishwar Kantilal Mulay
//Roll No: 404B003
//EXP-4
```

## index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>String Comparison Methods</title>
   <script src="script.js"></script>
</head>
<body>
   <h1>Compare Two Strings Using Different Methods</h1>
   <label for="string1">Enter First String: </label>
   <input type="text" id="string1">
   <br><br><br>>
   <label for="string2">Enter Second String: </label>
   <input type="text" id="string2">
   <br><br><br>></pr>
   <button onclick="compareStrings()">Compare</button>
   <h2>Results:</h2>
   <div id="results">
       <h3>Mathematical Operators (==)</h3>
      <h3>Strict Equality Operator (===)</h3>
       <h3>Using match() Method</h3>
      <h3>Using matchAll() Method</h3>
       <h3>Using localeCompare() Method</h3>
```

```
</div>
</body>
</html>
script.js
function compareStrings() {
   const str1 = document.getElementById("string1").value;
   const str2 = document.getElementById("string2").value;
   const mathOperatorResult = (str1 == str2) ? "Matched" : "Not Matched";
   document.getElementById("math-operator-result").textContent =
mathOperatorResult;
   const strictEqualityResult = (str1 === str2) ? "Matched" : "Not
Matched";
   document.getElementById("strict-equality-result").textContent =
strictEqualityResult;
   const matchMethodResult = str1.match(str2) ? "Matched" : "Not Matched";
   document.getElementById("match-method-result").textContent =
matchMethodResult;
   const matchAllMethodResult = [...str1.matchAll(str2)].length > 0 ?
"Matched" : "Not Matched";
    document.getElementById("match-all-method-result").textContent =
matchAllMethodResult;
   const localeCompareResult = str1.localeCompare(str2) === 0 ? "Matched" :
"Not Matched";
   document.getElementById("locale-compare-result").textContent =
localeCompareResult;
}
```



## **Compare Two Strings Using Different Methods**

Enter First String: ABC
Enter Second String: ABC
Compare
Results:
Mathematical Operators (==)
Matched
Strict Equality Operator (===)
Matched
Using match() Method
Matched
Using matchAll() Method
Matched
Using localeCompare() Method
Matched