Output:

Fig. Main Website

Fig. Reverse String   **Fig. Replace part**

Check if Palindrome

Enter string:

```
racecar
```

Palindrome Check

Original	Is Palindrome?
racecar	True

Check if Palindrome

Enter string:

```
not_palindrome
```

Palindrome Check

Original	Is Palindrome?
not_palindrome	False

Fig. Check If Palindrome (true)   **Fig. Check if palindrome (false)**

Code:

1. **HTML:**

```html
<!DOCTYPE html>
<html lang="en">
<head>
<script type="text/javascript" src="strings.js"></script>
<link rel="stylesheet" href="style.css">

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
  <body>
    <h1>String Manipulation</h1>

    <div class="all">
      <!-- Reverse Section -->
      <div class="operation">
        <h2>Reverse String</h2>
        Enter string:
        <input id="string_rev" type="text" value="PICT Pune" />
        <button onclick="reverse()">Reverse</button>
```
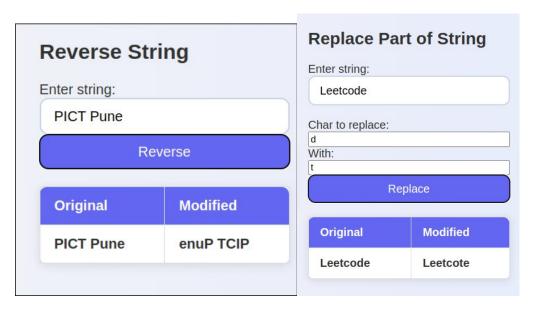
```html
<table>
  <thead>
    <tr>
      <th>Original</th>
      <th>Modified</th>
    </tr>
  </thead>
  <tr>
    <th id="original_rev"></th>
    <th id="reversed_rev"></th>
  </tr>
</table>
</div>


<!-- Replace Section -->
<div class="operation">
  <h2>Replace Part of String</h2>
  Enter string:
  <input id="string_rep" type="text" value="PICT Pune" />
  <br />
  Char to replace: <input id="to_replace" /> With:
  <input id="with_replace" />
  <button onclick="replace()">Replace</button>

  <table>
    <thead>
      <tr>
        <th>Original</th>
        <th>Modified</th>
      </tr>
    </thead>
    <tr>
      <th id="original_rep"></th>
      <th id="replaced_rep"></th>
```

```
          </tr>
        </table>
      </div>


      <!-- Palindrome Section -->
      <div class="operation">
        <h2>Check if Palindrome</h2>
        Enter string: <input id="string_pal" type="text" value="racecar" />
        <button onclick="checkPalindrome()">Palindrome Check</button>


        <table>
          <thead>
            <tr>
              <th>Original</th>
              <th>Is Palindrome?</th>
            </tr>
          </thead>
          <tr>
            <th id="original_pal"></th>
            <th id="palindrome"></th>
          </tr>
        </table>
      </div>
    </div>


    Enter string:
    <input id="string" type="text" value="PICT Pune" />
    <button onclick="allFunctions()">All Functions (Check Console)</button>
  </body>
```

2. Javascript:

```javascript
// reverse
function reverse() {
  let s = document.getElementById("string_rev").value;


  // Reverse
```

```
    let k = s.split("").reverse().join("");


    document.getElementById("original_rev").innerHTML = s;

    document.getElementById("reversed_rev").innerHTML = k;

  }

  // replace

  function replace() {

    let s = document.getElementById("string_rep").value;


    let a = document.getElementById("to_replace").value;

    let b = document.getElementById("with_replace").value;


    let ans = s.replace(a, b);


    document.getElementById("original_rep").innerHTML = s;

    document.getElementById("replaced_rep").innerHTML = ans;

  }

  // palindrome (or not)

  function checkPalindrome() {

    let s = document.getElementById("string_pal").value;


    // Reverse

    let rev = s.split("").reverse().join("");

    let ans = rev === s ? "True" : "False";


    document.getElementById("original_pal").innerHTML = s;

    document.getElementById("palindrome").innerHTML = ans;

  }
```