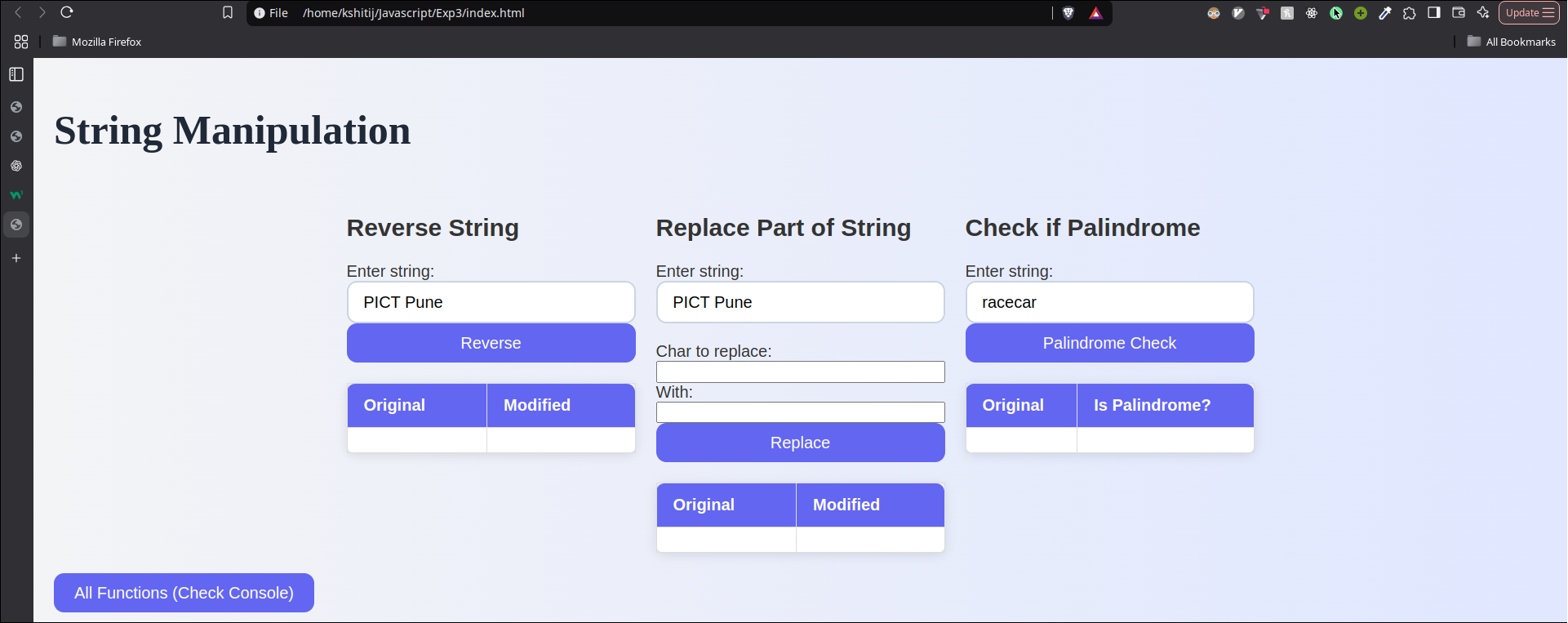
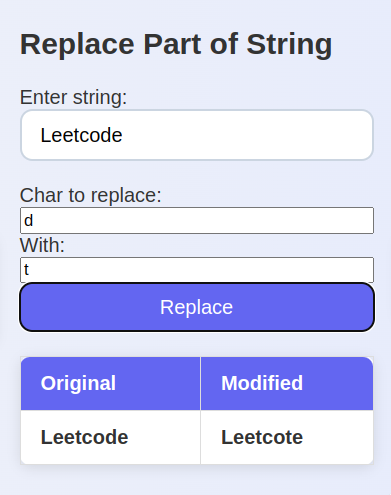
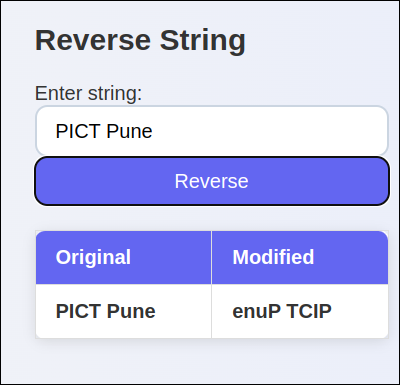
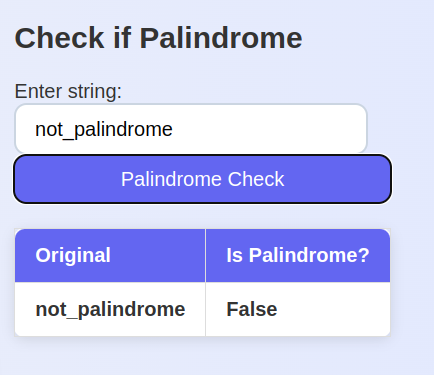
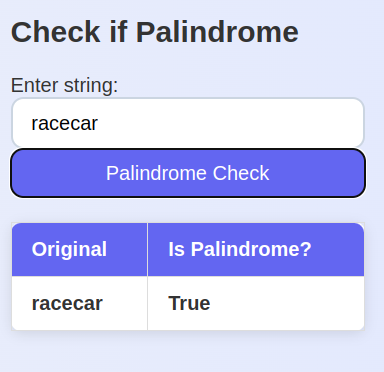
**Output:**



**Fig. Main Website**



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



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

**Code:**

1. **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>

<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>

1. **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;

}