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| CLASS : BE 5 [S5] | | SUBJECT : JavaScript | |
| EXPT. NO. : 4 | Roll No.: 42162 | | DATE : |
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| CODE : | | | |
| <!DOCTYPE html>  <html>  <body style="text-align: center; background-color: beige;"></body>>  <h1>String Comparison</h1>  <h2>42162 Adityapratap</h2>  <br>  String 1= <input type="text" id="st1" value=" ">  <br></br>  String 2= <input type="text" id="st2" value=" ">  <br><br>  <button style="background:rgb(20, 214, 191)" id="myBtn" onclick="set\_string()">Compare Strings</button>    <br><br>Result using to uppercase() method= <p id="casing"></p>  <br><br> Result using to RegEx method: <p id="regex"></p>  <br><br> Result using localeCompare method: <p id="locom"></p>  <br><br> Result using Strict Eqaulity method: <p id="equality"></p>  <script src="assignment\_4.js"></script>  </body>  </html>  Java Script Code –  function set\_string()  {  var string1 = document.getElementById("st1").value;  var string2 = document.getElementById("st2").value;  com1(string1,string2);  com2(string1,string2);  com3(string1,string2);  com4(string1,string2);  }  function com1(string1,string2)  {  var ot;  const result1 = string1.toUpperCase() === string2.toUpperCase();  if(result1) {  ot="The strings are similar ";    } else {  ot="The strings are not similar ";      }    document.getElementById("casing").innerHTML=ot;  }  function com2(string1,string2)  {  const pattern = new RegExp(string1, "gi");  var ot;  // compare the stings  const result2 = pattern.test(string2)  if(result2) {  ot="The strings are similar <br><br>";  } else {  ot="The strings are not similar <br><br>";  }  document.getElementById("regex").innerHTML=ot;  }  function com3(string1,string2)  {  // program to perform case insensitive string comparison  var ot;  const result3 = string1.localeCompare(string2, undefined, { sensitivity: 'base' });  if(result3 == 0) {  ot="The strings are similar <br><br>";  } else {  ot="The strings are not similar <br><br>";  }  document.getElementById("locom").innerHTML=ot;  }  function com4(string1,string2)  {  var ot;  if( string1 === string2)  {  ot="The strings are similar <br><br>";  }  else  {  ot="The strings are not similar";  }  document.getElementById("equality").innerHTML=ot;  } | | | |
| OUTPUT : | | | |
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