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<!DOCTYPE html> <!DOCTYPE html>

<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>String Comparision</title>
</head>
<html>
<body style="text-align: center;">
<h1>42204 Yash Bagade</h1>

<br>
String 1= <input type="text" id="st1" value=" " style="padding: 8px;">
<br></br>
String 2= <input type="text" id="st2" value=" " style="padding: 8px;">
<br><br>
<button style=" border-radius: 12px; margin: 15px ; padding: 10px; color:
rgb(6, 16, 15)" 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 Equality method: <p id="length Compare"></p>
<script>
    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;
}

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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.length ==string2.length)
{
if(string1.toUpperCase()===string2.toUpperCase())
{
ot="The strings are similar";
}
}
else
{
ot="The strings are not similar";
}
document.getElementById("length Compare").innerHTML=ot;
}
</script>
</body>
</html>

```

