**TEST TRIANGLE USING MANUAL TESTING**

<head>

<title>Triangle</title>

<script type="text/javascript">

function validate()

{

var side1=document.getElementById("SideA").value;

var side2=document.getElementById("SideB").value;

var side3 = document.getElementById("SideC").value;

var error = document.getElementById("Msg");

if (side1 == "" || side2 == "" || side3 == "" || Number(side1)==0 ||

Number(side2)==0||Number(side3)==0)

{

error.innerHTML = "Please enter all the sides";

}

else

{

var splChars = "\*|.,\':<>[]{}\;()@&$#%abcdefghijklmnopqrstuvwxyz";

var check1 = "false";

for (var i = 0; i < side1.length; i++)

{

if (splChars.indexOf(side1.charAt(i)) != -1)

{

check1 = "true";

}

}

for (var i = 0; i < side2.length; i++)

{

if (splChars.indexOf(side2.charAt(i)) != -1)

{

check1 = "true";

}

}

for (var i = 0; i < side3.length; i++)

{

if (splChars.indexOf(side3.charAt(i)) != -1)

{

check1 = "true";

}

}

if (check1 == "true")

{

error.innerHTML = "Illegal characters detected!";

}

else

{

if (((Number(side1) + Number(side2)) > Number(side3)) && ((Number(side1) + Number(side3)) > Number(side2)) &&((Number(side3) + Number(side2)) > Number(side1)))

{

document.getElementById("Msg2").innerHTML = "Valid Triangle";

}

Else

{

error.innerHTML = "Invalid Triangle";

}

}

}

}

function hide(txt)

{

if (txt != '')

{

document.getElementById("Msg").innerHTML = "";

document.getElementById("Msg2").innerHTML = "";

}

}

</script>

<style type="text/css">

#Text1

{

width: 90px;

}

#Text2

{

width: 90px;

}

#Text3

{

width: 90px;

}

</style>

</head>

<body>

<div>

<label>Enter Sides of Triangle</label>

<br />

<br />

&nbsp;&nbsp;&nbsp; A

<input id="SideA" type="text" onkeyup="hide(this.value)"/>&nbsp;&nbsp;&nbsp; B

<input id="SideB" type="text" onkeyup="hide(this.value)"/>&nbsp;&nbsp;&nbsp; C

<input id="SideC" type="text" onkeyup="hide(this.value)"/>

<span style="color: #FF0000" id="Msg"></span>

<span style="color: #0000FF" id="Msg2"></span>

<br />

<br />

<input id="Submit1" type="submit" value="Validate" onclick="validate()"/></div>

</body>

</html>