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STRING AND MATH FUNCTIONS

AIM

Write a program to implement string and math function using javascript

Source Code

index.html

```
<html>

  <head>

    <title> testing</title>

  </head>

  <body>

    <label for="texts" >Enter a String</label>

    <input type="text" id="texts" name="texts">

    <button onclick="textChange()">Submit</button><br>

    Original String:<p id="og"></p>

    To upper case:

    <p id="upper"></p>

    Length of the String:

    <p id="len"></p>

    Character at position 2:

    <p id="charat"></p>

    <button onclick="rangen()"> Generate</button>

    <p id="random"></p>

    Square Root of 255 is..... <p id="sqrts"></p>

    Nearest Whole Number to 5.678 is.....<p id="near"></p>
```

```
<script>
function textChange()
{
    let texts=document.getElementById("texts").value;
    document.getElementById("og").innerHTML=texts;
    upperds=texts.toUpperCase();
    document.getElementById("upper").innerHTML=upperds;
    len=texts.length;
    document.getElementById("len").innerHTML=len;
    chars=texts.charAt(2);
    document.getElementById("charat").innerHTML=chars;
}
function rangen()
{
    num=Math.floor(Math.random()*101);
    document.getElementById("random").innerHTML=num;
}

document.getElementById("sqrts").innerHTML=Math.sqrt(255);

document.getElementById("near").innerHTML=Math.round(5.678);
</script>
</body>
</html>
<style>
p{
```

```
color:red;

}

input{

margin-bottom:10px;

}

</style>
```

Screenshots

Enter a String

Original String:

malayalam

To upper case:

MALAYALAM

Length of the String:

9

Character at position 2:

l

96

Square Root of 255 is.....

15.968719422671311

Nearest Whole Number to 5.678 is.....

5