Practical No. 5: Develop Javascript to implement String

Program : String Functions Using Switch Case.

```
<html>
<body>
<script type="text/javascript">
document.write("1. CONCAT <br>")
document.write("2. INDEX OF <br>")
document.write("3. LAST INDEX OF <br>")
document.write("4. CHAR AT <br>")
document.write("5. CHAR CODE AT <br>")
document.write("6. SEARCH <br>")
document.write("7. SPLIT <br>")
document.write("8. PARSE INT <br>")
document.write("9. PARSE FLOAT <br>")
document.write("10. TO STRING <br>")
document.write("11. SUB STRING <br>")
document.write("12. TO UPPER CASE <br>")
document.write("13. TO LOWWER CASE <br>")
document.write("14. FROM CHAR CODE <br>")
var ch = parseInt(prompt("Enter your choice"))
document.write("<br><b>You Have Selected Option : "+ch+"</b>")
var a = "Heyyy It's Me Shreyyy!!!"
var b = " Hello Everyone "
var c = "22.22"
document.write("<br>Original String a = " +a)
document.write("<br>Original String b = " +b)
document.write("<br>Original String c = " +c)
switch(ch)
{
case 1:
   document.write("<br>After Concat Operation : ")
   document.write(a.concat(b))
   break;
case 2:
   document.write("<br>indexOf y in String 'a' is : ")
   document.write(a.indexOf('y'))
   break;
case 3:
   document.write("<br>lastIndexOf S in String 'a' Operation : ")
   document.write(a.lastIndexOf('S'))
   break;
case 4:
   document.write("<br>charAt 7th position in String 'b' is : ")
   document.write(b.charAt(7))
   break;
case 5:
   document.write("<br>charCodeAt Operation : ")
   document.write(a.charCodeAt('e'))
```

```javascript
        break;

      case 6:
        document.write("<br>After search Operation : ")
        document.write(a.search("Heyyy"))
        break;
      case 7:
        document.write("<br>split Operation : ")
        document.write(a.split("Me"))
        break;
      case 8:
        document.write("<br>parseInt Operation : ")
        document.write(parseInt(c))
        break;
      case 9:
        document.write("<br>parseFloat Operation : ")
        document.write(parseFloat(c))
        break;
      case 10:
        document.write("<br>toString Operation : ")
        document.write(c.toString())
        break;
      case 11:
        document.write("<br>After substring Operation : ")
        document.write(a.substring(7))
        break;
      case 12:
        document.write("<br>toUpperCase Operation : ")
        document.write(a.toUpperCase())
        break;
      case 13:
        document.write("<br>toLowerCase Operation : ")
        document.write(a.toLowerCase())
        break;
      case 14:
        document.write("<br>fromCharCode Operation : ")
        document.write(String.fromCharCode(83))
        break;
      default:
        document.write("<br>Enter Valid Choice!!")
      }
</script>
</body>
</html>
```

OUTPUT:

1. CONCAT
2. INDEX OF
3. LAST INDEX OF
4. CHAR AT
5. CHAR CODE AT
6. SEARCH
7. SPLIT
8. PARSE INT
9. PARSE FLOAT
10. TO STRING
11. SUB STRING
12. TO UPPER CASE
13. TO LOWWER CASE
14. FROM CHAR CODE

Fig. Menu Of Function

You Have Selected Option : 1
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
After Concat Operation : Heyyy It's Me Shreyyy!!! Hello Everyone

Fig. Concat Operation

You Have Selected Option : 4
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
charAt 7th position in String 'b' is : E

Fig. charAt Operation

You Have Selected Option : 2
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
indexOf y in String 'a' is : 2

Fig. indexOf Function

You Have Selected Option : 3
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
lastIndexOf S in String 'a' Operation : 14

Fig. lastIndexOf Function

You Have Selected Option : 5
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
charCodeAt Operation : 72

Fig. charCodeAt Operation

You Have Selected Option : 6
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
After search Operation : 0

Fig. search Operation

You Have Selected Option : 7
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
split Operation : Heyyy It's , Shreyyy!!!

Fig. split Operation

You Have Selected Option : 8
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
parseInt Operation : 22

Fig. parseInt Operation

You Have Selected Option : 9
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
parseFloat Operation : 22.22

Fig. parseFloat Operation

You Have Selected Option : 10
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
toString Operation : 22.22

Fig. toString Operation

You Have Selected Option : 11
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
After substring Operation : t's Me Shreyyy!!!

Fig. substring Operation

You Have Selected Option : 12
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
toUpperCase Operation : HEYYY IT'S ME SHREYYY!!!

Fig. toUpperCase Operation

You Have Selected Option : 13
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
toLowerCase Operation : heyyy it's me shreyyy!!!

Fig. toLowerCase Operation

You Have Selected Option : 14
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
fromCharCode Operation : S

Fig. fromCharCode Operation

You Have Selected Option : 15
Original String a = Heyyy It's Me Shreyyy!!!
Original String b = Hello Everyone
Original String c = 22.22
Enter Valid Choice!!

Fig. Default Case