### String Methods

1. **What will console.log("Hello World".replace("World", "Universe")); output?** 
   1. "Hello World"
   2. "Hello Universe"
   3. "Hello"
   4. "World Universe"  
        
      Ans: b (Hello Universe)

Explanation:Replace() method is returns the new string value .It doesn’t change the original string value . By default it replace only first matched value.

1. **What will console.log("foo bar baz".replaceAll("bar", "baz")); output?**  
   1. "foo bar baz"
   2. "foo baz baz"
   3. "foo bar bar"
   4. "baz bar baz"  
        
      ans:b(foo baz baz)

Explanation:repalceAll() method returns a new string with all values.It is also doesn’t change the original string value.

1. **What will console.log("Hello".charAt(4)); return?**  
   1. "H"
   2. "o"
   3. "e"
   4. "l"

Ans: b(“o”)

1. **What will console.log("Hello World".charAt(-1)); return?**  
   1. "d"
   2. ""
   3. "o"
   4. "H"

Ans:b

Explanation: ChartAt()doesn’t accept negative values . the output gives empty

1. **What will console.log("Hello".at(-1)); return?**  
   1. "H"
   2. "o"
   3. "e"
   4. "l"  
      Ans:b
2. **What will console.log("Hello World".length); return?**  
   1. 11
   2. 10
   3. 12
   4. 9

Ans:a(11)

1. **What will console.log("JavaScript".slice(4, 10)); output?**  
   1. "Java"
   2. "Script"
   3. "Scrip"
   4. "Javas"

Ans : b(Script)

1. **What will console.log("JavaScript".slice(-6)); output?**  
   1. "Script"
   2. "Java"
   3. "avaSc"
   4. "Sc"

Ans:a(Script)

1. **What will console.log("JavaScript".substring(4, 10)); output?**  
   1. "Java"
   2. "Script"
   3. "Scrip"
   4. "JavaScript"

Ans:b(Script)

1. **What will console.log("Hello".substring(-2)); output?**
   * 1. "Hello"
     2. ""
     3. "He"
     4. "o"

Ans:a

Explanation: here the substring() doest accept negative paramters it gives output original value.

1. **What will console.log("Hello".charCodeAt(1)); output?**
   * 1. 72
     2. 101
     3. 111
     4. 108

Ans:b(101)

Explanation: the asci number of e is 101.

1. **What will console.log("Hello".toUpperCase()); output?**
   * 1. "HELLO"
     2. "hello"
     3. "Hello"
     4. "H E L L O"

ANS:c(Hello)

1. **What will console.log("Hello World".split(" ")); output?**
   * 1. ["Hello World"]
     2. ["Hello", "World"]
     3. ["H", "e", "l", "l", "o"]
     4. "Hello World"

Ans:b

Explanation: “ “ space divides(words when space is bettween) hello and world individually

1. **What will console.log("a,b,c".split(",")); output?**
   * 1. ["a b c"]
     2. ["a", "b", "c"]
     3. ["a,b,c"]
     4. ["abc"]

Ans:b

Explanation: , divides a letter .

1. **What will console.log("abcabcabc".split("a", 2)); output?**
   * 1. ["a", "bc"]
     2. ["", "bc"]
     3. ["", "bc", "bc"]
     4. ["bc", "bc"]

Ans:b

Explanation: Here ,a will be in blank spaces bc will be another side because they mention 2 elemets length.

1. **What will console.log("JavaScript is fun".indexOf("is")); return?**
   * 1. 10
     2. 11
     3. 9
     4. 12

ANS: b

Explanation: Index number of I is 11

1. **What will console.log("JavaScript".slice(-4, -1)); output?**
   * 1. "rpt"
     2. "rip"
     3. "rpt"
     4. "pt"

ANS:b

Explanation:the slicing start form -4 from backwards ends with -1 will not be considered.

1. **What will console.log("123456789".substr(3, 4)); output?**
   * 1. "4567"
     2. "3456"
     3. "5678"
     4. "34567"

ANS: a

Explanation: the index value from 3 to next four numbers/letters

1. **What will console.log("JavaScript".startsWith("Java")); return?**
   * 1. true
     2. false
     3. "Java"
     4. Undefined  
          
        ANS:a(True)
2. **What will console.log("JavaScript".endsWith("Script")); return?**
   * 1. true
     2. false
     3. "Script"
     4. Undefined

ANS:a(true).

1. **What will console.log(" Hello ".trim()); output?**
   * 1. "Hello"
     2. " Hello "
     3. ""
     4. " "

ANS:a

Explanation:Elimates the spaces

1. **What will console.log("abcDEF".toLowerCase()); output?**
   * 1. "abcdef"
     2. "ABCDEF"
     3. "Abcdef"
     4. "abc DEF"  
        ANS:a
2. **What will console.log("Hello".concat(" ", "World")); output?**
   * 1. "Hello World"
     2. "Hello"
     3. "World Hello"
     4. " HelloWorld "  
        ANS:a
3. **What will console.log("Hello"[0]); output?**
   * 1. "H"
     2. "e"
     3. ""
     4. "o"  
        ANS:a
4. **What will console.log("Hello".charAt(10)); return?**
   * 1. ""
     2. "o"
     3. "H"
     4. Undefined  
        ANS:a
5. **What will console.log("Hello World".includes("World")); return?**
   * 1. true
     2. false
     3. undefined
     4. null  
        ANS:a

Explanation: it checks the whole string and Characters also.

1. **What will console.log("Hello".repeat(3)); output?**
   * 1. "Hello Hello Hello "
     2. "HelloHelloHello"
     3. "Hello"
     4. "Hello3"  
        ANS:b
2. **What will console.log("abc123".search(/[0-9]/)); return?**
   * 1. 0
     2. 3
     3. 6
     4. -1

ANS:b

1. **What will console.log(" ".trim().length); output?**
   * 1. 3
     2. 0
     3. undefined
     4. 1

ANS:b

Explanation:Here,the content given empty . the trim() used to delete space and gives “” and the length is 0

1. **What will console.log("JavaScript".replace("Script", "Fun")); output?**
   * 1. "JavaScript"
     2. "JavaFun"
     3. "Fun"
     4. "Java"

ANS:b

1. **What will console.log("Hello".padStart(10, "\*")); output?**
   * 1. "\*\*\*\*\*Hello"
     2. "Hello\*\*\*\*\*"
     3. "Hello"
     4. "\*\*\*\*\*"  
        ANS:a

Explanation: Here they asked padStart(),the length is 10 but Hello length is 5 so the \* symbol comes infornt of Hello gives "\*\*\*\*\*Hello"

1. **What will console.log("Hello".padEnd(10, "!")); output?**
   * 1. "Hello!!!!!"
     2. "!!!!!Hello"
     3. "Hello"
     4. "Hello!!"  
        ANS:a

Explanation: Here they mentioned length should be 10 .But Hello is only 5 another 5 will be !(mark) in the end .

1. **What will console.log("JavaScript is cool".lastIndexOf("is")); return?**
   * 1. 10
     2. 11
     3. 9
     4. 12  
        ANS:b

Explanation: The value of index value is counted.

1. **What will console.log("Test123".startsWith("T", 1)); return?**
   * 1. true
     2. false
     3. "Test"
     4. Undefined

ANS:b  
Explanation: Here, the index value is counted . So in the place of “T” index value is 0.so the above statement is false.

1. **What will console.log("Test123".endsWith("3", 6)); return?**
   * 1. true
     2. false
     3. "3"
     4. "Test12"  
        ANS:b  
        Explanation: Here, the position value is counted .so,in the place of 3 position value is 7 but above condition gave 6 .so it is false.
2. **What will console.log("JavaScript".slice(4, -2)); output?**
   * 1. "Script"
     2. "Javascr"
     3. "JavaScri"
     4. "Jav"  
        ANS:Scri

Explanation: the answer is none of the above.They mentioned

Slicing strats from 4 and ends with -2 the output is Scri.

1. **What will console.log("abcdef".split("", 3)); output?**
   * 1. ["a", "b", "c"]
     2. ["abc"]
     3. ["a", "b", "c", "d"]
     4. ["a"]  
        ANS:a  
        Explanation:Here,they mentioned length 3 from the input ,the outputs comes 3 elements ["a", "b", "c"].
2. **What will console.log(" spaced out ".trimStart()); output?**
   * 1. "spaced out "
     2. " spaced out "
     3. " spaced out "
     4. "spaced out"  
        ANS:a

Explanation:trimStart()method is used eliminated the space in the front part.

1. **What will console.log("repeat".repeat(0)); output?**
   * 1. ""
     2. "repeat"
     3. "repeatrepeat"
     4. Undefined  
        ANS:a  
        Explanation: if we Give less than 0 ,repeat() method returns empty string.
2. **What will console.log("12345".indexOf("6")); return?**
   * 1. -1
     2. 0
     3. 6
     4. 5  
          
        ANS:a  
        Explanation:The given data if it excludes the value will automatically takes “-1”