### 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:

"Hello Universe"  
here word worls replaces with word universe.

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:

"foo baz baz"  
 replacing all bar with baz

1. **What will console.log("Hello".charAt(4)); return?**

a)"H"

b) "o"

* 1. "e"
  2. "l"

Ans:

"o"

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

Ans:

Empty string, because charAt doesn’t allows negative values

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

Ans:

"o"

Negative index stats from right to left

1. **What will console.log("Hello World".length); return?**  
   1. 11
   2. 10
   3. 12
   4. 9

Ans:

11

(with space)

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

Ans:

Script

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

Ans:

Script

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

Ans:

Script

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

Ans:

Hello

Substring converts negative values to 0 index

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

Ans :101

(ASCII values)

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

Ans: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 :

["Hello", "World"]  
(between “” there is a space given ,so it separates the words)

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 :

["a", "b", "c"]

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

Ans :

["", "bc"]

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

Ans :

11

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

Ans :

rip

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

Ans :

4567

Here 4 is length

1. **What will console.log("JavaScript".startsWith("Java")); return?**
   * 1. true
     2. false
     3. "Java"
     4. Undefined

Ans :

true

1. **What will console.log("JavaScript".endsWith("Script")); return?**
   * 1. true
     2. false
     3. "Script"

* + 1. undefined

Ans:

true

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

Ans :

Hello

1. **What will console.log("abcDEF".toLowerCase()); output?**
   * 1. "abcdef"
     2. "ABCDEF"
     3. "Abcdef"
     4. "abc DEF"

Ans : abcdef

1. **What will console.log("Hello".concat(" ", "World")); output?**
   * 1. "Hello World"
     2. "Hello"
     3. "World Hello"
     4. " HelloWorld "

Ans :

Hello World

1. **What will console.log("Hello"[0]); output?**
   * 1. "H"
     2. "e"
     3. ""
     4. "o"

Ans :

H

1. **What will console.log("Hello".charAt(10)); return?**
   * 1. ""
     2. "o"
     3. "H"
     4. Undefined

Ans :

Empty string

1. **What will console.log("Hello World".includes("World")); return?**
   * 1. true
     2. false
     3. undefined
     4. null

Ans :

true

1. **What will console.log("Hello".repeat(3)); output?**
   * 1. "Hello Hello Hello "
     2. "HelloHelloHello"
     3. "Hello"
     4. "Hello3"

Ans :

HelloHelloHello

1. **What will console.log("abc123".search(/[0-9]/)); return?**
   * 1. 0
     2. 3
     3. 6
     4. -1

Ans : 3

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

Ans :0

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

Ans : JavaFun

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

Ans : \*\*\*\*\*Hello

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

Ans : Hello!!!!!

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

Ans :11

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

Ans :false

1. **What will console.log("Test123".endsWith("3", 6)); return?**
   * 1. true
     2. false
     3. "3"
     4. "Test12"

Ans :false

1. **What will console.log("JavaScript".slice(4, -2)); output?**
   * 1. "Script"
     2. "Javascr"
     3. "JavaScri"
     4. "Jav"

Ans :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", "b", "c"]

1. **What will console.log(" spaced out ".trimStart()); output?**
   * 1. "spaced out "
     2. " spaced out "
     3. " spaced out "
     4. "spaced out"

Ans :

Space out

1. **What will console.log("repeat".repeat(0)); output?**
   * 1. ""
     2. "repeat"
     3. "repeatrepeat"
     4. Undefined

Ans :

empty

1. **What will console.log("12345".indexOf("6")); return?**
   * 1. -1
     2. 0
     3. 6
     4. 5

Ans :-1