JavaScript String Functions - All Basic Examples

// JavaScript String Functions - All Basic Examples  
  
let str = "JavaScript";  
  
// 1. length  
console.log("Length:", str.length); // 10  
  
// 2. charAt(index)  
console.log("charAt(4):", str.charAt(4)); // S  
  
// 3. charCodeAt(index)  
console.log("charCodeAt(0):", str.charCodeAt(0)); // 74 (Unicode for 'J')  
  
// 4. at(index)  
console.log("at(-1):", str.at(-1)); // t  
  
// 5. indexOf()  
console.log("indexOf('Script'):", str.indexOf("Script")); // 4  
  
// 6. lastIndexOf()  
let example = "abcabc";  
console.log("lastIndexOf('a'):", example.lastIndexOf("a")); // 3  
  
// 7. includes()  
console.log("includes('Java'):", str.includes("Java")); // true  
  
// 8. startsWith()  
console.log("startsWith('Java'):", str.startsWith("Java")); // true  
  
// 9. endsWith()  
console.log("endsWith('Script'):", str.endsWith("Script")); // true  
  
// 10. toLowerCase()  
console.log("toLowerCase():", str.toLowerCase()); // javascript  
  
// 11. toUpperCase()  
console.log("toUpperCase():", str.toUpperCase()); // JAVASCRIPT  
  
// 12. slice()  
console.log("slice(0, 4):", str.slice(0, 4)); // Java  
  
// 13. substring()  
console.log("substring(4, 10):", str.substring(4, 10)); // Script  
  
// 14. substr() - Deprecated  
console.log("substr(4, 6):", str.substr(4, 6)); // Script  
  
// 15. trim()  
let messy = " Hello JS ";  
console.log("trim():", messy.trim()); // "Hello JS"  
  
// 16. trimStart() / trimEnd()  
console.log("trimStart():", messy.trimStart()); // "Hello JS "  
console.log("trimEnd():", messy.trimEnd()); // " Hello JS"  
  
// 17. replace()  
let text = "I like JS";  
console.log("replace():", text.replace("JS", "JavaScript")); // I like JavaScript  
  
// 18. replaceAll()  
let repeated = "apple, apple, apple";  
console.log("replaceAll():", repeated.replaceAll("apple", "orange")); // orange, orange, orange  
  
// 19. padStart()  
let num = "5";  
console.log("padStart(4, '0'):", num.padStart(4, "0")); // 0005  
  
// 20. padEnd()  
console.log("padEnd(4, '0'):", num.padEnd(4, "0")); // 5000  
  
// 21. repeat()  
console.log("repeat(3):", "Hi ".repeat(3)); // Hi Hi Hi   
  
// 22. concat()  
let fname = "Mitesh";  
let lname = "Prajapati";  
console.log("concat():", fname.concat(" ", lname)); // Mitesh Prajapati  
  
// 23. split()  
let sentence = "HTML, CSS, JS";  
console.log("split(', '):", sentence.split(", ")); // ["HTML", "CSS", "JS"]  
  
// 24. Template literals  
let name = "Mitesh";  
let course = "JavaScript";  
console.log(`Welcome ${name} to the ${course} course!`);