**COMSATS University Islamabad, Attock Campus**

**Theory Assignment:1**



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**Question: JavaScript String Methods.**

**Certainly! Here are some common JavaScript string methods without code:**

**1. length:** Returns the length of a string.

**2. concat():** Concatenates two or more strings and returns a new string.

**3. toUpperCase():** Converts all characters in a string to uppercase.

**4. toLowerCase():** Converts all characters in a string to lowercase.

**5. charAt():** Returns the character at a specified index in a string.

**6. indexOf():** Returns the index of the first occurrence of a specified substring in a string.

**7. lastIndexOf():** Returns the index of the last occurrence of a specified substring in a string.

**8. slice():** Extracts a portion of a string and returns it as a new string.

**9. substring():** Extracts a portion of a string between two specified indices and returns it as a new string.

**10. substr():** Extracts a specified number of characters from a string, starting at a specified index.

**11. replace():** Searches for a specified substring or regular expression pattern in a string and replaces it with another string.

**12. split():** Splits a string into an array of substrings based on a specified delimiter.

**13. trim():** Removes whitespace characters from the beginning and end of a string.

**14. startsWith():** Checks if a string starts with a specified substring.

**15. endsWith():** Checks if a string ends with a specified substring.

**16. includes():** Checks if a string contains a specified substring.

**17. match():** Searches a string for a specified pattern and returns an array of matches.

**18. search():** Searches a string for a specified pattern and returns the index of the first match.

**19. charAt():** Returns the character at a specified index in a string.

**20. padStart():** Pads the beginning of a string with a specified character until it reaches a certain length.

**21. padEnd():** Pads the end of a string with a specified character until it reaches a certain length.

**22. trimStart() or trimLeft():** Removes whitespace characters from the beginning of a string.

**23. trimEnd() or trimRight():** Removes whitespace characters from the end of a string.

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