Assignment For Day 2
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1. List all the Escape Sequences characters in javascript.

Ans. An escape sequence is a sequence of characters that does not represent itself when used inside a character or string literal, but is translated into another character or a sequence of characters that may be difficult or impossible to represent directly.
The following are the list of escape sequences available in javascript-

\XXX	an octal Latin-1 character.
\xXX	a hexa Latin-1 character
\uXXXX	unicode codepoint
\'	single quote
\"	double quote
\\	backslash
\n	new line
\t	tab
\r	carriage return
\v	veretical tab
\b	backspace
\f	form feed

2. Explain with example length and substring methods in javascript

Ans. Substring is a subset of a string. Substring method returns a new string from the new string. substring expects 2 values. The start and the end index of the substring.

Length method will return the length of the string.

let myString = "My name is Subham!"
myString.substring(3,8) will return "tri".
myString.length will return 18.

3. What are padStart and padEnd in javascript, explain with an example.

Ans. padstart and padend is used for padding a string in its start and end position. Padstart or padend expects one value to which it will pad the string, and an element which it will use for padding.
"Dog".padstart(5, *) will return "**Dog"
"Dog".padend(5,*) will return "Dog**"

4. Define Global Object in javascript along with the global scope.

Ans. The global object provides variables and functions that are available anywhere. By default, those that are built into the language or the environment.
In a browser it is named window, for Node.js it is global.

5. List all the names of Javascript engines present currently.

Ans.
1. Chakra
2. googles V8
3. Spidermoneky
4. Rhino
5. Nashorn
6. jerryscript
7. KJS