<!--Assignment 2- Day 2-->

<!--Question 1:-->

<!DOCTYPE html>

<html>

<head>

<script>

var customerName = prompt("Please enter your name", "");

if (customerName!= null) {

document.getElementById("welcome").innerHTML =

"Hello " + customerName + "! How are you today?";

}

console.log(customerName)

</script>

</head>

<body>

<div id="welcome">My First JavaScript code.</div>

</body>

</html>

<!--Assignment 2- Day 2-->

<!--Question 2:-->

var str = "HELLO WORLD";

String Methods

Method Description

charAt() Returns the character at the specified index (position)

var res = str.charAt(0);

charCodeAt() Returns the Unicode of the character at the specified index

var n = str.charCodeAt(0);

concat() Joins two or more strings, and returns a new joined strings

var str1 = "Hello ";  
var str2 = "world!";  
var res = str1.concat(str2);

endsWith() Checks whether a string ends with specified string/characters

var str = "Hello world, welcome to the universe.";  
var n = str.endsWith("universe.");

fromCharCode() Converts Unicode values to characters

var res = String.fromCharCode(65);

includes() Checks whether a string contains the specified string/characters

var str = "Hello world, welcome to the universe.";  
var n = str.includes("world");

indexOf() Returns the position of the first found occurrence of a specified value in a string

var str = "Hello world, welcome to the universe.";  
var n = str.indexOf("welcome");

lastIndexOf() Returns the position of the last found occurrence of a specified value in a string

var str = "Hello planet earth, you are a great planet.";  
var n = str.lastIndexOf("planet");

localeCompare() Compares two strings in the current locale

var str1 = "ab";  
var str2 = "cd";  
var n = str1.localeCompare(str2);

match() Searches a string for a match against a regular expression, and returns the matches

var str = "The rain in SPAIN stays mainly in the plain";  
var res = str.match(/ain/g);

repeat() Returns a new string with a specified number of copies of an existing string

var str = "Hello world!";  
str.repeat(2);

replace() Searches a string for a specified value, or a regular expression, and returns a new string where the specified values are replaced

var str = "Visit Microsoft!";  
var res = str.replace("Microsoft", "W3Schools");

search() Searches a string for a specified value, or regular expression, and returns the position of the match

var str = "Visit W3Schools!";  
var n = str.search("W3Schools");

slice() Extracts a part of a string and returns a new string

var str = "Hello world!";  
var res = str.slice(0, 5);

split() Splits a string into an array of substrings

var str = "How are you doing today?";  
var res = str.split(" ");

startsWith() Checks whether a string begins with specified characters

var str = "Hello world, welcome to the universe.";  
var n = str.startsWith("Hello");

substr() Extracts the characters from a string, beginning at a specified start position, and through the specified number of character

var str = "Hello world!";  
var res = str.substr(1, 4);

substring() Extracts the characters from a string, between two specified indices

var str = "Hello world!";  
var res = str.substring(1, 4);

toLocaleLowerCase() Converts a string to lowercase letters, according to the host's locale

var str = "Hello World!";  
var res = str.toLocaleLowerCase();

toLocaleUpperCase() Converts a string to uppercase letters, according to the host's locale

var str = "Hello World!";  
var res = str.toLocaleUpperCase();

toLowerCase() Converts a string to lowercase letters

var str = "Hello World!";  
var res = str.toLowerCase();

toString() Returns the value of a String object

var str = "Hello World!";  
var res = str.toString();

toUpperCase() Converts a string to uppercase letters

var str = "Hello World!";  
var res = str.toUpperCase();

trim() Removes whitespace from both ends of a string

var str = "       Hello World!        ";

alert(str.trim());

valueOf() Returns the primitive value of a String object

var str = "Hello World!";  
var res = str.valueOf();

Optional Assignment

Question 3

<!DOCTYPE html>

<html>

<head>

<script>

var customerage = prompt("Please enter your age", "");

if (customerage >= 21) {

document.getElementById("demo").innerHTML ="Can Drink";

}

else {

document.getElementById("demo").innerHTML ="Cannot Drink";

}

</script>

</head>

<body>

<p id="demo"></p>

</body>

</html>