W3D1 Homework

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

var str = 'For more information, go to section 17';

var re = /see (chapter \d+(\.\d)\*)/i;

var found = str.match(re);

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

"abc".repeat(3);

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

**var** reg = /\\*[eE]/g;

val = document.getElementById('givenString').value;

val = val.replace(reg, '-');

document.getElementById('givenString').value = val;

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

function test(regex, str) {

var midstring;

if (str.search(re) != -1) {

midstring = ' contains ';

} else {

midstring = ' does not contain ';

}

console.log(str + midstring + regex);

}

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

var arr = ["watermelon", "kiwi", "grapes", "brown sugar", "milktea"];

var removed = arr.splice(2, 0, "water");

document.write("After adding 1: " + arr );

document.write("<br />removed is: " + removed);

* startsWith() Checks whether a string begins with specified characters

var str = 'Look at the stars, Look how they shine for you';

console.log(str.startsWith('Look at'));