*1. Scrieti o functie care verifica daca un* ***input*** *este sau nu de tip* ***string.***

console.log(is\_string('w3resource'));

true

console.log(is\_string([1, 2, 4, 0]));

false

Rezolvare:

is\_string = function(input) {

if (Object.toString(input) === '[object String]')

return true;

else

return false;

};

console.log(is\_string('w3resource'));

console.log(is\_string([1, 2, 4, 0]));

*2. Scrieti o functie care verifica daca un* ***string*** *este gol sau nu.*

console.log(is\_Blank(''));

console.log(is\_Blank('abc'));

true

False

Rezolvare:

is\_Blank = function(input) {

if (input.length === 0)

return true;

else

return false;

}

console.log(is\_Blank(''));

console.log(is\_Blank('abc'));

*3. Scrieti o functie accepta ca* ***input*** *un string si il transforma intr-un* ***array*** *de cuvinte:*

console.log(string\_to\_array("Robin Singh"));

["Robin", "Singh"]

Rezolvare:

string\_to\_array = function (str) {

return str.trim().split(" ");

};

console.log(string\_to\_array("Robin Singh"));

*4. Scrieti o functie care transforma un* ***string*** *in forma abreviata:*

console.log(abbrev\_name("Robin Singh"));

"Robin S."

Rezolvare:

Abbrev\_name = function (str) {

var split = str.trim().split(" ");

if (split.length > 1) {

return (split[0] + " " + split[1].charAt(0) + ".");

}

return split[0];

};

console.log(abbrev\_name("Robin Singh"));

*5. Scrieti o functie care face prima litera a unui* ***string*** *sa fie de tip* ***capital*** *( litera mare ):*

console.log(capitalize('js string exercises'));

"Js string exercises"

Rezolvare:

capitalize = function(str1){

return str1.charAt(0).toUpperCase() + str1.slice(1);

}

console.log(capitalize('js string exercises'));

*6. Scrieti o functie care elimina un numar specificat de caractere pornind de la inceputul* ***string****-ului:*

console.log(truncate\_string("Robin Singh",4));

"Robi"

Rezolvare:

truncate\_string = function (str, length) {

if ((str.constructor === String) && (length>0)) {

return str.slice(0, length);

}

};

console.log(truncate\_string("Robin Singh",4));

*7. Scrieti o functie care specifica daca caracterul de la o anumita pozitie specificata dintr-un string este litera mare sau nu:*

console.log(isUpperCaseAt('Js STRING EXERCISES', 1));

false

Rezolvare:

*8. Scrieti o functie care insereaza un* ***string*** *la o anumita pozitie intr-un alt* ***string****:*

console.log(insert('We are doing some exercises.','JavaScript ',18));

"We are doing some exercises."

"JavaScript We are doing some exercises."

"We are doing some JavaScript exercises."

Rezolvare:

insert = function insert(main\_string, ins\_string, pos) {

if(typeof(pos) == "undefined") {

pos = 0;

}

if(typeof(ins\_string) == "undefined") {

ins\_string = '';

}

return main\_string.slice(0, pos) + ins\_string + main\_string.slice(pos);

}

console.log(insert('We are doing some exercises.'));

console.log(insert('We are doing some exercises.','JavaScript '));

console.log(insert('We are doing some exercises.','JavaScript ',18));

*9. Scrieti o functie care elimina prima aparitie a unui* ***string*** *dintr-un alt* ***string:***

console.log(remove\_first\_occurrence("The quick brown fox jumps over the lazy dog", 'the'));

"The quick brown fox jumps over lazy dog"

Rezolvare:

function remove\_first\_occurrence(str, searchstr) {

var index = str.indexOf(searchstr);

if (index === -1) {

return str;

}

return str.slice(0, index) + str.slice(index + searchstr.length);

}

console.log(remove\_first\_occurrence("The quick brown fox jumps over the lazy dog", 'the'));

*10. Scrieti o functie care compara doua* ***string****-uri* ***case-insensitive****:*

console.log(compare\_strings('abcd', 'AbcD'));

true

Rezolvare:

function compare\_strings(str1, str2) {

var areEqual = str1.toUpperCase() === str2.toUpperCase();

return areEqual;

}

console.log(compare\_strings('abcd', 'AbcD'));

*11. Scrieti o functie care face ca primul caracter a unui* ***string*** *sa fie de tip* ***uncapital:***

console.log(Uncapitalize('Js string exercises'));

"js string exercises"

Rezolvare:

function Uncapitalize(str){

return str.charAt(0).toLowerCase() + str.slice(1);

}

console.log(Uncapitalize('Js string exercises'));