

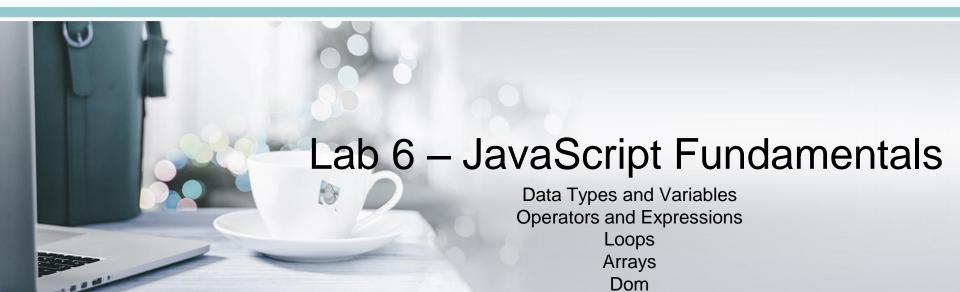


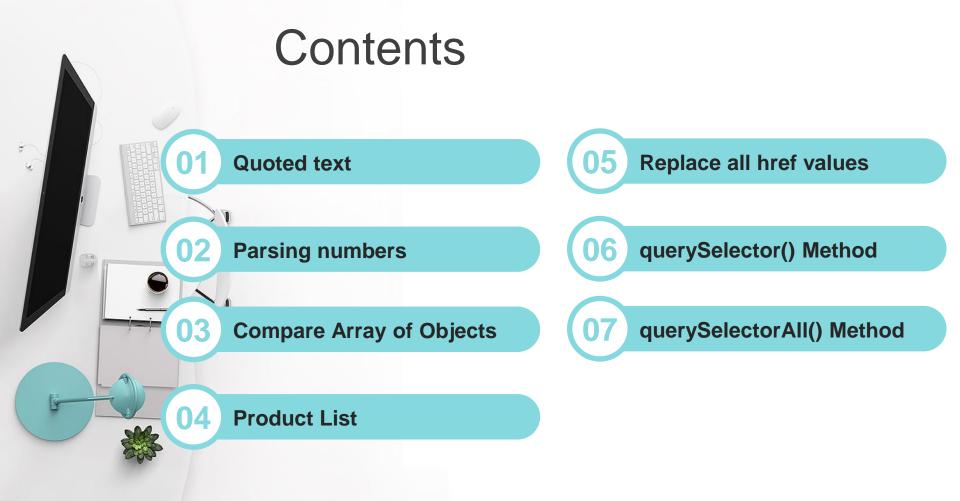




Web Programming

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Problem 1. Quoted text

Create a string variable with quoted text in it. For example: He said, "I don't care."

Note: To show the string, you can use one of the following methods:

- document.writeln(string);
- console.log(string);
- Create a p tag with ID, document.getElementById("p_tag_ID").innerText = string;

Problem 2. Parsing numbers

Try parsing the following strings to numbers using parseInt, parseFloat, Number, + and | 0. Fill the answers for yourself in the table below.

| str | parseInt(str) | parseFloat(str) | Number(str) | +str | str 0 |
|-------------------|---------------|-----------------|-------------|------|---------|
| 1234 | ? | ? | ? | ? | ? |
| 1234abc | ? | ? | ? | ? | ? |
| 0.15 | ? | ? | ? | ? | ? |
| 3.14ivan | ? | ? | ? | ? | ? |
| Infinity | ? | ? | ? | ? | ? |
| 99999999999999999 | ? | ? | ? | ? | ? |

Problem 3. Compare Array of Objects

Description

Write a function to sort an array of product objects in increasing order of product's price.

Input

- One array contains product objects
- Each of them has three properties: Product Name, Product Image and Product Price

Output

Return one array that contains the product objects in increasing order of their price

Problem 4. Product List

- Create an array that contains a product list. Each product consists of ID, Product Name,
 Quantity, Price, Image
- Sort the product list by the product name
- Print the products in the list
- Add a new product to head of the list
- Add a new product to tail of the list
- Search products by the product name
- Remove the product by the product ID
- Edit the product detail by the product ID

Problem 5. Replace all href values

Description

Write a function that replace all occurrences of the href values of all links in a site.

Input

One href string that you want to be replaced

Output

All href values of the site will be replaced by the specified href string

Problem 6. querySelector() Method

Expand pre-written HTML code to:

- add a background color to the first p element in the document with class = "example"
- add a red border to the first link that has a target attribute
- change a font size and a color of the first p element in the document where the
 parent is a div element

when you click the Change button

Problem 7. querySelectorAll() Method

Expand pre-written HTML code to:

- add a background color to the first p element in the document with class = "example"
- change a margin and a padding and add a border of all elements with class = "example"
- add a red border and remove the underline to all links in the document with a target
 attribute
- change the color of all h1 and h2 elements with class = "Title" when you click the Change button