

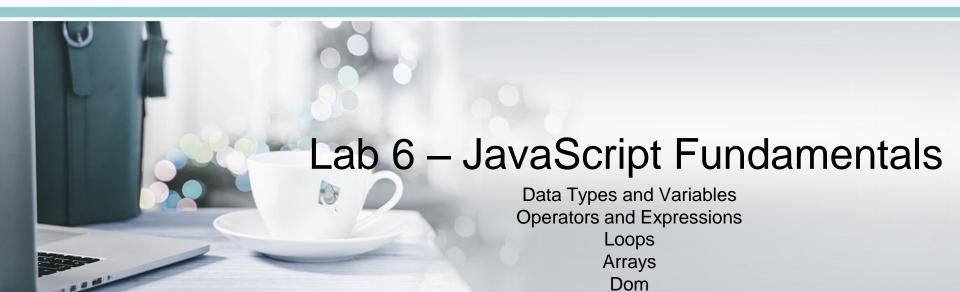






Web Programming

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Assignment 1. 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

Assignment 2. 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

Assignment 3. Alert Messages

Alert messages can be used to notify the user about something special: danger, success, information or warning.

Create alert messages automatically disappearing after 5 seconds or when clicking on a

quit symbol.



Assignment 4. 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	?	?	?	?	?

Assignment 5. 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

Assignment 6. 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