Web Programming

Lecturer: Ung Văn Giàu
Email: giau.ung@eiu.edu.vn

Lab 6 – JavaScript Fundamentals

Assignment 1. Quoted text

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

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;

Assignment 2. Confirm Box

Display a confirmation box, and output what the user clicked in console.

Assignment 3. 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 the whole page has loaded

Assignment 4. 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 the whole page has loaded

Assignment 5. Alert Messages

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

Create alert messages (danger, success) automatically disappearing after 5 seconds.

Assignment 6. Parsing numbers

Try parsing the following strings to numbers using parseInt, parseFloat, Number, + and | 0.

Fill the answers in the table below using JavaScript.

str	parseInt(str)	parseFloat(str)	Number(str)	+str	str | 0
1234	?	?	?	?	?
1234abc	?	?	?	?	?
0.15	?	?	?	?	?
3.14ivan	?	?	?	?	?
Infinity	?	?	?	?	?
9999999999999999999	?	?	?	?	?

Assignment 7. Replace all href values

- **Description**

  Write JavaScript code to replace all occurrences of the href values of all links in a site when whole page has loaded.
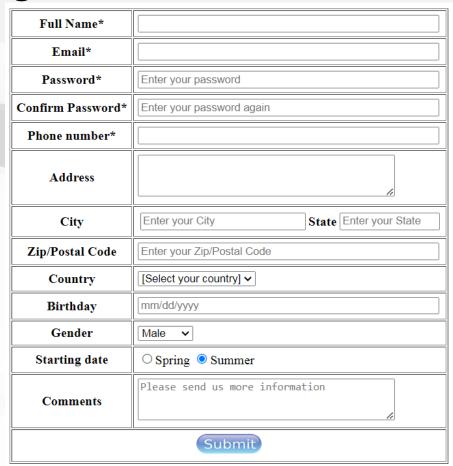
- **Input**

  One **href** string that you want to be replaced.

- **Output**

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

Assignment 8. Registration form

Use JavaScript (both methods: querySelector and form property) to get values of the all fields and show them to console log.

Full Name*	
Email*	
Password*	Enter your password
Confirm Password*	Enter your password again
Phone number*	
Address	
City	Enter your City **State** Enter your State
Zip/Postal Code	Enter your Zip/Postal Code
Country	[Select your country] ▾
Birthday	mm/dd/yyyy
Gender	Male ▾
Starting date	○ Spring ● Summer
Comments	Please send us more information
	Submit

Assignment 9. Full screen Overlay Navigation

Fullscreen Overlay Nav Example

Click on the element below to open the fullscreen overlay navigation menu.

☰ open

Use JavaScript to show the overlay menu when the page has already loaded

Fullscreen Overlay Nav Example ✕

Click on the element below to open the fullscreen overlay navigation menu.

☰ open

About

Services

Clients

Contact