

Web application development

(Introduction to Javascript)

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Smart Software System Team



“We love what we do and we do what our clients love & work with great clients all over the world to create thoughtful and purposeful websites.”–
ProWeb365



Basic Javascript – Exercise 1

1. Write a JavaScript program to display the current day and time in the following format.
Today is : Thursday.
Current time is : 1 PM : 00 : 00
2. Write a JavaScript program to copy a string to the clipboard.
3. Write a JavaScript program to parse an HTTP Cookie header string and return an object of all cookie name-value pairs.
4. Write a JavaScript program to check if the provided argument is a valid JSON.
5. Write a JavaScript program to write a JSON object to a file.



Basic Javascript – Exercise 2 (DOM)

1. Use javascript to create a submit button. After that changing the text on it.
2. Based on CV's exercise on previous week. Use javascript to change the background color and text of your CV.
3. Use javascript to create a form. Next, write a JavaScript function to get the value of submit button that you create on Exercise 1.
4. Write javascript code to create a form to calculate age of other people.
5. Write a JavaScript application that, when a user hovers over a certain link, highlights the bold words of the following text.
6. Create a Javascript application to get the window's width and height (any time the window is resized).

Hint: Find out more about `Document.querySelector`, `Document.createElement`, `Document.getElementById` and other functions related to `Document`.

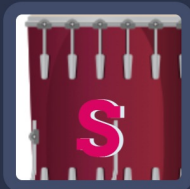
The **Document Object Model (DOM)** represents HTML in the browser after it has been rendered. The DOM API is how JavaScript is able to change content on a page.

Exercise 3



- Create website like this

Drum 🥁 Kit





Exercise 3 - Hint

- Find out more about DOM Audio Object, addEventListener
- Add 2 types of EventListener, first is click and next is keypress
- Use switch-case to perform it.

Exercise 4



- Convert your javascript code from exercise 3 to jQuery.

Exercise 5



- Access to this link and do exercise
- <https://drive.google.com/file/d/12ej5SRd873oFS4TJ8csu4WkusNyU-DXX/view?usp=sharing>

Javascript – Homework




- Do you remember about your CV? Please add some javascript code to make it great. For example, you can add menu on the left of this website. When people click on each part, your website will direct them here.

Profile

I'm a student

About me

I am a lovely cat. I have passion in IT and I want to become data analyst.



Details

Name:
Tran Van Boss
Age:
5 years
Location:
UIT, VNU-HCM

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Javascript – Homework 2



- Let's remake exercise 3. Please add more musical instrument in your website. Make sure that you add at least 3 ones.

Drum 🥁 Kit



Javascript – Homework 3



- Access to this link and do exercise 3:

<https://drive.google.com/file/d/1hr4hTelyL6oGvwE6hIdQXlwDNZZ0UOqO/view?usp=sharing>



**Thank you for cooperating
Gét gô**

*"Coming together is a beginning;
Keeping together is progress;
Working together is success."*

- HENRY FORD