

## Cascading Style Sheets (CSS) & Javascript

### In-class exercise 6

1. W3C school (<https://www.w3schools.com/>)
2. Syntax

```
<script>
<!--
document.write("<h1 style= 'color:red;'>");
document.writeln("Welcome to JavaScript " +
    "Programming!</h1>");
//-->
</script>
```

- Use <script> tag.
- Always ends with ;
- HTML comment code (<!--comment-->) also works.
- Be careful with reserved words. ([https://www.w3schools.com/js/js\\_reserved.asp](https://www.w3schools.com/js/js_reserved.asp))
- Be careful with ' and ".

3. DOM Events Examples ([https://www.w3schools.com/js/js\\_events\\_examples.asp](https://www.w3schools.com/js/js_events_examples.asp))

(0) Create 3 buttons and 1 div.

(1) Use CSS to modify the 3 buttons.

i. Buttons Requirement: **A.** width 180px **B.** height 60px **C.** Color of the button is lightblue **D.** no border for the buttons

(2) Place the div below the 3 buttons and move the div to the right by 50px.

i. div Requirement: **A.** width 600px **B.** height 400px

(3) When you move your mouse above one of the buttons, the color of the button's text will be change to white and the color of the button's background will be change to blue.

(4) Use CSS animation to make the NCKU logo (50px \* 50px) run around the div clockwise. (Hint: check if there are something other than "from" and "to")

(5) When you move your mouse above any of the buttons, the NCKU logo run around the div counter-clockwise. (Hint: check if one CSS can trigger another).

(6) Rename the left button "Ask My Name". After clicking the button, the page will prompt a window and ask your name. After inputting your name, the div will show "Howdy! **YOUR NAME**." (Javascript)

(7) Rename the mid button "Run Faster!". After clicking the button, the NCKU logo run will run faster. (Javascript)

(8) Rename the right button "Another Logo". After clicking the button, the NCKU logo will be changed to logo 2. (Javascript)

Ask My Name

Run Faster!

Another Logo

Howdy! Jeff

