

COMP 2015 – Lab 2

Due at the beginning of Lesson 3 to the Dropbox > 'Lab 2' folder on D2L (learn.bcit.ca)

Submission

Write **one .js file** named **firstname-lastname-lab2.js** and submit that file to the Lab 2 dropbox on D2L. For example, if your name is Chris Harris, your file must be called **chris-harris-lab2.js**

Only submit your .js file, **do not include any HTML or images**.

Instructions

The .html file you use to test your script must have:

- **Six divs**
- **Three links**
- A link to your **external .js file** in the **head**

Part 1

Alert the current **time**, formatted as hours:minutes, when the page loads. Examples would look like 12:35, 9:10, 1:45

Part 2

Create an **array** and fill it with at least **six** usernames (i.e. "Sophia", "Gabriel", ...) then **loop** through them with a **for loop**. If a **username** contains the letter "**i**" then **alert** the **username**.

Part 3

Use **DOM 0** (e.g. document.images) to change the CSS **style** of the links so that **every** link has its default underline removed (use the CSS *text-decoration* property for this).

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Part 4

Use **DOM 1** (e.g. `document.getElementsByTagName('img')`) to:

- Add class **'message'** to **every div** on the page.
- **Change the width** of **every div** to **100px**
- **Change the height** of **every div** to **100px**
- **Inside** the for loop, use the code below to generate three random values

```
var r = Math.floor(Math.random() * 255);  
var g = Math.floor(Math.random() * 255);  
var b = Math.floor(Math.random() * 255);
```

then, combine the variables into a **string literal** (as shown below) and set the CSS **background color** of a div to this value. **Each** of the six divs should then have **its own distinct color**.

```
`rgb(${r}, ${g}, ${b})`
```

Note: for the string literal above, ensure that you are using backticks, not single quotes!