

## Week 1 Lab 1 Section B Quiz [11]

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### 1) Can I write my code this way? Explain why [2]

```
function a() {  
    const name;  
    b();  
}  
  
function b() {  
    name = 'Andrei';  
}  
a();
```

No. The issue here is that we declare a function-scope variable 'name' as a constant and not assigning a value to it. This will result in an error.

### 2) Explain what is 'location' here? [1]

```
const person = { name: 'Leo', age: 1 };  
person.location = 'Canada';
```

First line is creating an object with two properties: 'name' and 'age' and values for them. Next line is creating a new property in this object - 'location' - and assigns a value 'Canada' to it.

### 3) Write JS code to get a value from a "postal" field [2]

HTML

```
<form name="subscribe"><input name="postal"></form>
```

JS

```
const subscribeForm = document.forms.subscribe;  
const phoneValue = subscribeForm.postal.value;
```

#### 4) Create a JS function to listen to click on the links and to change title to "Welcome" if Welcome link was clicked, change title to "See You" if 'See You' link was clicked: [6]

HTML

```
<h1><span id="message"></span></h1>
<a href="?msg=welcome" id="welcome">Welcome</a>
<a href="?msg=see" id="see">See You</a>
```

JS

```
const welcomeButton = document.getElementById('welcome');
const seeYouButton = document.getElementById('see');
const messageSpan = document.getElementById('message');
welcomeButton.addEventListener('click', function(e) {
    e.preventDefault();
    messageSpan.textContent = 'Welcome';
});
seeYouButton.addEventListener('click', function(e) {
    e.preventDefault();
    messageSpan.textContent = 'See You';
});
```