

# CMPS 2680 Lab 9

Spring 2024

## Part 1 - Setup

1. For this assignment you will have multiple files, so I would highly recommend creating a lab9 folder.
2. Inside of the lab9 folder you will run the following command:

```
touch lab9.html script.js style.css
```

This will create all three files you will need for this lab with one command.

## Part 2 - Creating Forms

### lab9.html:

1. Make sure to source your **script.js** and **style.css** files.
2. In the body, you will have a container div with the following elements inside of it:
  - o A form element with the following children:
    - i. A **label** and **input** element for the user to enter their first name  
The input field should have the **type** "text", the **id** "firstName", and the **name** "firstName"
    - ii. A **label** and **input** element for the user to enter their last name  
The input field should have the **type** "text", the **id** "lastName", and the **name** "lastName"
    - iii. A **label** and **input** element for the user to enter their email address  
The input field should have the **type** "email", the **id** "email", and the **name** "email"  
The email input field should be **required**
    - iv. A **label** and **input** element for the user to enter their birthday  
The input field should have the **type** "date", the **id** "birthday", and the **name** "birthday"  
The birthday input field should be **required**
    - v. An input element with the **type** "submit" and the **value** "SUBMIT"
  - o An div element with the **id** "output"

### script.js:

1. Use `window.location.search` to obtain the URL data and assign the result to the variable `queryString`
2. If `queryString` is not blank:
  - a. Pass `queryString` to `URLSearchParams()` and assign the result to the variable `urlParams`
  - b. Use `urlParams.get()` function to obtain the data for each variable from the form and build an output string from the data.
  - c. Write the final output string to the `output` div in lab9.html

### style.css:

1. Set the width of the container div and center it on the page.
2. Add a box shadow to the container
3. To style the different input types you can use css selectors like this:

```
input[type=text] {  
}
```

4. Apply some interesting style/color to the form, button, and output.

## Completed Example

**First Name**

**Last Name**

**Email**

**Birthday**

**Output**

**First Name**

**Last Name**

**Email**

**Birthday**

**Output**

```
First Name: Paul
Last Name: Royer
Email: paul@test.com
Birthday: 2023-10-12
```