

VALIDATING FORM DATA

Name:	George Miguel V. Batalan	Date:	15/09/2023
Program:	III-CPE	Section:	A361

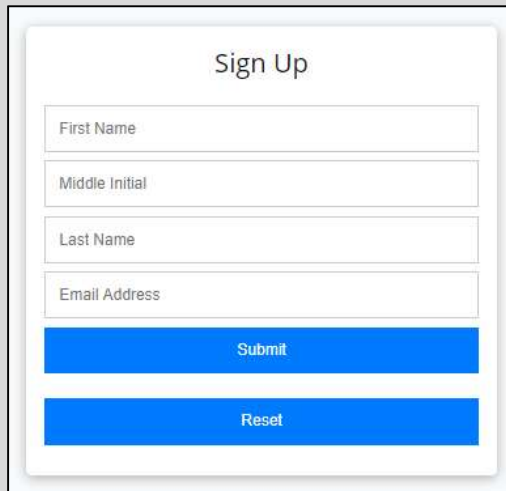
Intended Learning Outcomes:

1. Write functions to react to events.
2. Validate HTML forms.

Design a simple form that contains the following details:

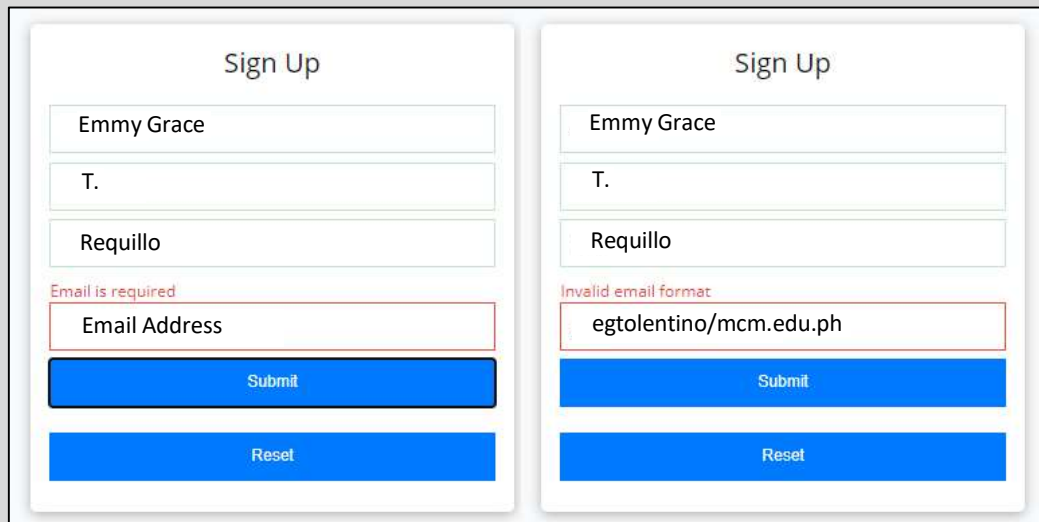
- First Name
- Middle Initial
- Last Name
- E-Mail Address

Here is an example form:



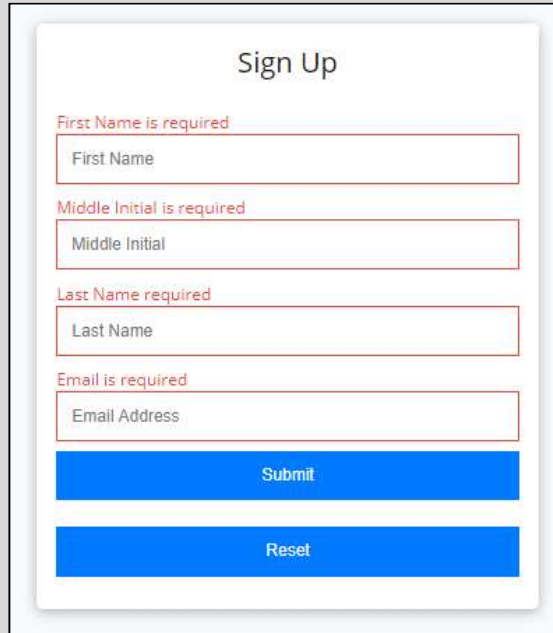
The form must be able to validate if the First Name, Middle Initial, and Last Name fields have corresponding inputs (regardless of content). The form must also validate if there is an invalid e-mail address format presented. There must be an alert message to signify that there are invalid inputs.

Here is a sample output:



VALIDATING FORM DATA

The form must be able to see if there are no inputs placed. Here is a sample output:



Sign Up

First Name is required

Middle Initial is required

Last Name required

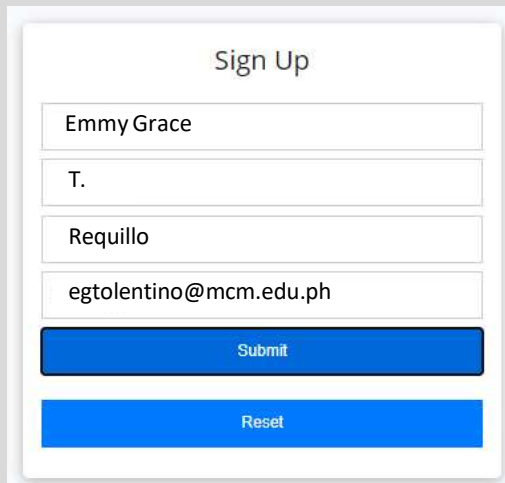
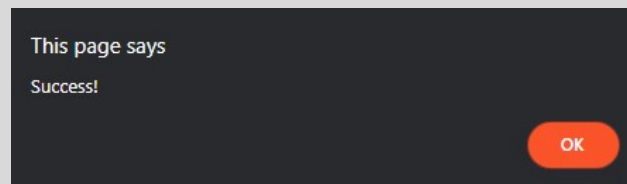
Email is required

Submit

Reset

Once the form validates all inputs, an alert box must be seen that says **Success!**

Here is a sample output:



Sign Up

Submit

Reset

VALIDATING FORM DATA**HTML Source Code:**

```
<!-- Name: George Miguel V. Batalan -->
<!-- Course: Bachelor of Science in Computer Engineering -->
<!DOCTYPE html>
<html>
<head>
  <title>Validating Form Validation</title>

  <link rel = "stylesheet" href = "data.css">

</head>
<body>

  <form id="myForm">
    <label for = "firstName">First Name</label>
    <input type = "text" id = "firstName" required>

    <label for = "middleInitial">Middle Initial</label>
    <input type = "text" id = "middleInitial" required>

    <label for = "lastName">Last Name</label>
    <input type = "text" id = "lastName" required>

    <label for = "email" >E-Mail Address</label>
    <input type = "text" id = "email" required>

    <input type = "submit" value = "Submit">
  </form>

  <script src = "script.js"></script>
</body>
</html>
```

CSS Source Code:

VALIDATING FORM DATA

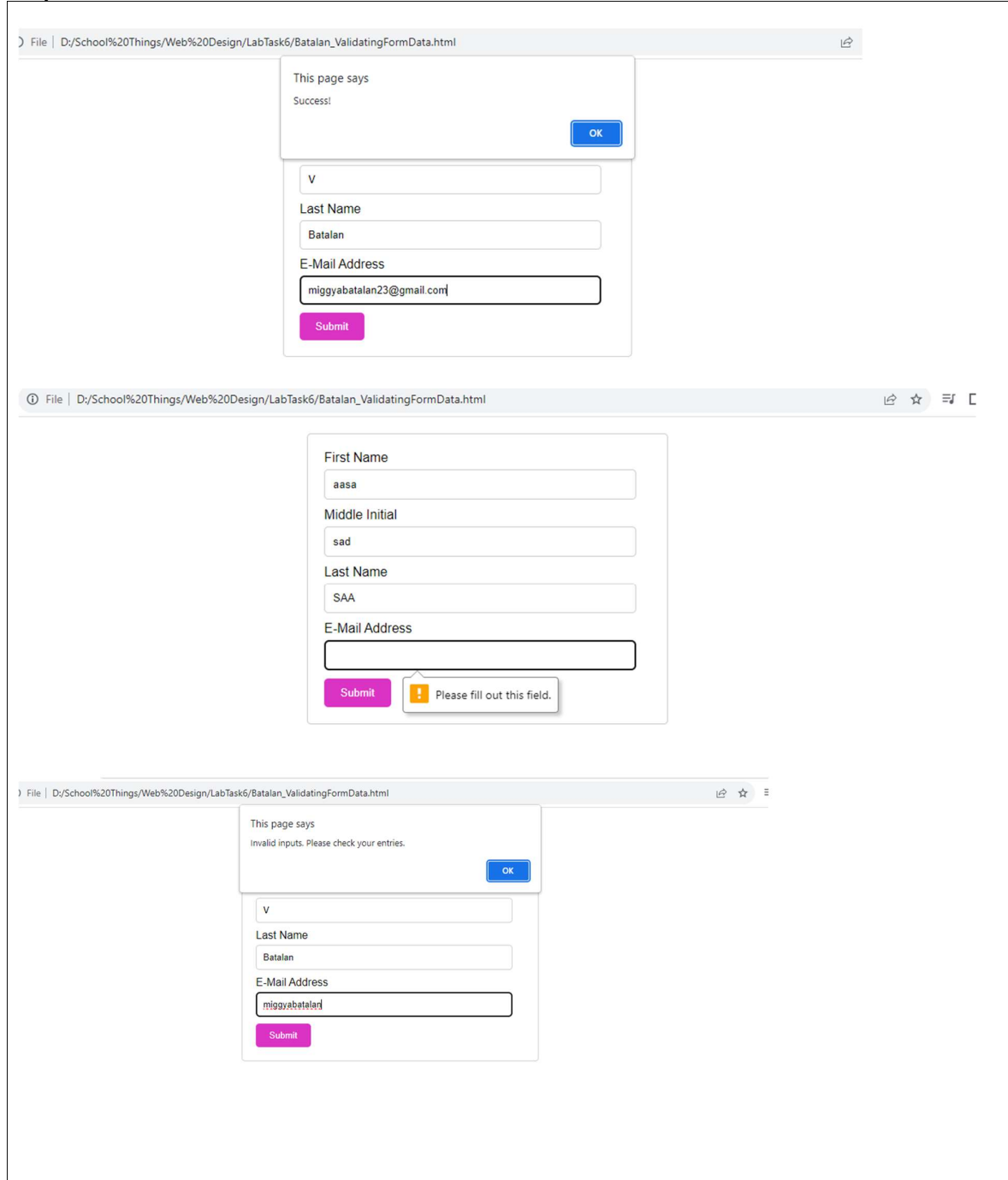
```
body {  
    font-family: Arial, sans-serif;  
    text-align: left;  
}  
  
form {  
    margin: 20px auto;  
    max-width: 400px;  
    padding: 20px;  
    border: 1px solid #cccccc;  
    border-radius: 5px;  
}  
  
label {  
    display: block;  
    margin-bottom: 5px;  
}  
  
input[type = "text"] {  
    width: 90%;  
    padding: 10px;  
    margin-bottom: 10px;  
    border: 1px solid #cccccc;  
    border-radius: 5px;  
}  
  
input[type = "submit"] {  
    background-color: #db34c5;  
    color: #fff;  
    border: none;  
    padding: 10px 20px;  
    border-radius: 5px;  
    cursor: pointer;  
}  
  
input[type="submit"]:hover {  
    background-color: #bd0f0f;  
}
```

JavaScript Source Code:

```
const form = document.getElementById("myForm")  
  
    form.addEventListener("submit", function(event) {  
        event.preventDefault();  
  
        const firstName = document.getElementById("firstName").value;  
        const middleInitial = document.getElementById("middleInitial").value;  
        const lastName = document.getElementById("lastName").value;  
        const email = document.getElementById("email").value;  
  
        if (!firstName || !middleInitial || !lastName || !isValidEmail(email)) {  
            alert("Invalid inputs. Please check your entries.");  
        } else {  
            alert("Success!");  
            form.reset();  
        }  
    });  
  
function isValidEmail(email) {  
    const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;  
    return emailRegex.test(email);  
}
```

VALIDATING FORM DATA

Output:



File | D:/School%20Things/Web%20Design/LabTask6/Batalan_ValidatingFormData.html

This page says
Success!

OK

V

Last Name
Batalan

E-Mail Address
miggyabatalan23@gmail.com

Submit

File | D:/School%20Things/Web%20Design/LabTask6/Batalan_ValidatingFormData.html

First Name
aasa

Middle Initial
sad

Last Name
SAA

E-Mail Address

Submit

Please fill out this field.

File | D:/School%20Things/Web%20Design/LabTask6/Batalan_ValidatingFormData.html

This page says
Invalid inputs. Please check your entries.

OK

V

Last Name
Batalan

E-Mail Address
miggyabatalan

Submit

Findings and Observations:

I observed that this task can be used to our upcoming final lab exam so we can see the profile of the person using the website.