

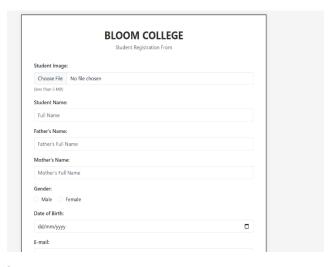
REPORT: Student Registration Form

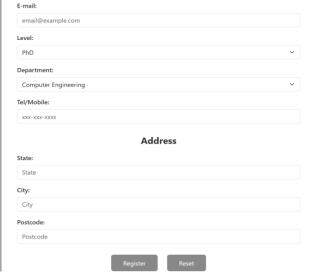
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1. Objective

To create a student registration form using HTML and apply JavaScript events (onBlur, onFocus, onChange) and Bootstrap modal for form submission confirmation.

2. HTML Form Output





GITHUB LINK:

Website link:

https://sheldonsalivfan-lab.github.io/Practical-work-2/pw2.html

other uploads (video and report included):

https://github.com/sheldonsalivfan-lab/Practical-work-2

3. JavaScript Events

(i) onBlur Event

```
<div class="mb-3">
     <label for="email" class="form-label">E-mail:</label>
      <input type="email" class="form-control" id="email" placeholder="email@example.com">
       </div
       </div

<
       <div class="mb-3">
     <label for="mobile" class="form-label">Tel/Mobile:</label>
     <input type="tel" class="form-control" id="mobile" placeholder="xxx-xxx-xxxx">
       <h4 class="section-title">Address</h4>
       <div class="button-container">
     <button type="submit" class="btn btn-custom">Register</button>
     <button type="reset" class="btn btn-custom">Reset</button>
       </div>
    </forms
</div
```

```
<script>
    // i. onBlur event for all input fields
    const inputs = document.guerySelectorall('input[type="text"], input[type="email"], input[type="tel"]');
inputs.forEach(input => {
    input.addEventListener('blur', function() {
        const trimmed = this.value.trim();
        if (trimmed == "") {
            this.style.bordercolor = "red";
            this.title = " X Required field";
        } else {
            this.style.bordercolor = "green";
            this.title = " Looks good";
        }
        console.log(`Field ${this.id} lost focus. Value: ${this.value}`);
});

input.addEventListener('focus', function() {
        this.style.bordercolor = "";
        this.title = "";
});
});

input.addEventListener('focus', function() {
        this.style.bordercolor = "";
        this.title = "";
});
});
```

OUTPUT:

State:

State

City:

KUCHING

Changes colour of box to red when out of focus empty and green when out of focus and filled in.

(ii) onFocus Event (Email Field)

```
// ii. onFocus event for email field
const emailField = document.getElementById('email');
emailField.addEventListener('focus', function() {
    this.style.backgroundColor = '#ffffcc';
    console.log('Email field focused');
});

emailField.addEventListener('blur', function() {
    this.style.backgroundColor = '';
});
```

OUTPUT:

```
E-mail:

s |

Level: sheldonsalivfan@gmail.com
```

(iii) on Change Event (Student, Father, Mother Names)

```
// iii. onChange event for name fields to convert to CAPS LOCK
const studentName = document.getElementById('studentName');
const fatherName = document.getElementById('fatherName');
const motherName = document.getElementById('motherName');

function convertIoCaps(e) {
    e.target.value = e.target.value.toUpperCase();
}

studentName.addEventListener('change', convertIoCaps);
fatherName.addEventListener('change', convertIoCaps);
motherName.addEventListener('change', convertIoCaps);
```

OUTPUT:

BFFORF

Student Name:

```
sheldon
```

AFTER

Student Name:

SHELDON

NAME CHANGES TO CAPITAL LETTER AFTER GOING OUT OF FOCUS

(iv) Bootstrap Modal (on Submit)

OUTPUT:

