

```
function validateForm(){

let idnumber = document.forms["myForm"]["idnum"].value;

let fname = document.forms["myForm"]["firstName"].value;

let sth = "";

var num1 = 0;

var num2 = 0;

for (i = 0; i < address.length; i++){

    if (address[i] == '\n'){

        num1 += 1;

    else if (num1 == 1){

        num2 += 1;

    if (isNaN(idnumber) || idnumber.length != 13){

        sth += "- ID number must be number and has 13 characters\n";

    if (20 < fname.length || fname.length < 2){

        sth += "- Firstname must has 2-20 characters\n";

    if (30 < sname.length || sname.length < 2){

        sth += "- Lastname must has 2-30 characters\n";

    if (address.length - num2 - num1 < 5 || num1 != 1 || num2 < 5){

        sth += "- Address must has 2 lines and more than 4 characters in each line\n";

    if (tumbon.length < 2){

        sth += "- Sub-district must has more than 1 character\n";

    if (um.length == 0){

        sth += "- District must filled in\n";

    if (isNaN(postal) || postal.length != 5){

        sth += "- Postal code must be number and has 5 characters\n";

    if (isNaN(phonenum) || (phonenum.length != 9 && phonenum.length != 10)){

        sth += "- Phone number must be number and has 9-10 characters\n";

    if (sth != ""){

        alert(sth);

    return false;

for (key in data[i].answers){

    if(key != "correct"){

        document.write("<input type='radio' name= ' " + i + "'>");

        document.write("<label>" + data[i].answers[key] + "</label><br>"); }

    element.classList.add("mystyle");
    var element, name, arr;
    element =
    document.getElementById("myDiv");
    arr = element.className.split(" ");
    if (arr.indexOf(name) == -1) {
    element.className += " " + "name";}}
```

## Validator

```
<div class="p-2 mb-1 bg-dark text-white">-Lab3 Form-</div>

<div class="container">

<h1>Form</h1><p></p>

<form action="" id="myForm" onsubmit="return validateForm()" method="post">

<div class="form-group">

<label for="idnum">หมายเลขบัตรประชาชน:</label>

<input class="form-control" placeholder="ตัวเลข 13 หลัก" type="text" id="idnum" name="idnum">

</div>

<div class="form-row">

<div class="form-group col-md-2">

<label for="type">ตำแหน่ง:</label>

<select class="form-control" id="type" name="type">

<option value="008">นาย</option>

<option value="012">นาง</option>

</select>

</div>

<div class="form-group col">

<label for="firstName">ชื่อ:</label>

<input class="form-control" placeholder="ตัวอักษรระหว่าง 2-20 ตัว" type="text" id="firstName" name="firstName">

</div>

</div>

<div class="form-group">

<label for="address">ที่อยู่:</label>

<textarea class="form-control" placeholder="ใส่ 2 บรรทัด แต่ละบรรทัดความยาวไม่เกินกว่า 5 ตัวอักษร" id="address" name="address" cols="30" rows="2"></textarea>

</div>

<div class="col">

<button style="width: 100%; type="submit" class="btn btn-dark">Submit</button>

</form>

<script> let requestURL = 'movies.json';

let request = new XMLHttpRequest();
request.onreadystatechange = function () {

if (request.readyState == 4 && request.status == 200) {

    dataReportStatus(JSON.parse(request.responseText)); } }

request.open("GET", requestURL, true);

request.send();
```

```
function change pic(){

    document.getElementById("1").src =
"http://10.0.15.12/lab3/images/3.png";}

function chart(){

    document.getElementById("1").style.width = "60%";}

function random(){

    var num1 = (Math.floor(Math.random() * 999999)).toString();

    document.getElementById("1").innerHTML = "0".repeat(6-num1.length) + num1;}

function change color(){

    let sth = document.getElementById("colornum").value;

    document.getElementById("box1").style.backgroundColor = sth;

    var num = 2;

    function regis() { //add colum

        let table = document.getElementById("tablee");

        let row = table.insertRow(-1);

        let tnode = document.createTextNode(num);

        row.insertCell(0).appendChild(tnode);

        let idnode =
document.createTextNode(document.getElementById("idnum").value);

        row.insertCell(1).appendChild(idnode);

        let nnode =
document.createTextNode(document.getElementById("name").value);

        row.insertCell(2).appendChild(nnode);

        let snode =
document.createTextNode(document.getElementById("surname").value);

        row.insertCell(3).appendChild(snode);

        num += 1;

function add1() { //card song

    let lit = document.createElement("div");

    let lit2 = document.createElement("div");

    document.getElementById("song12").remove();

    lit2.innerHTML = document.getElementById("song1").innerHTML;

    document.getElementById("song11").remove();

    document.getElementById("addie").appendChild(lit).innerHTML =
document.getElementById("song1").innerHTML;

    document.getElementById("song1").innerHTML = lit2.innerHTML; }
```

## Java

```
<label for="num1">Value 1:</label>

<input id="num1" type="text">

<p></p>

<label for="num2">Value 2:</label>

<input id="num2" type="text">

<p></p>

<button onclick="sum()">Calculate</button>

<p id="ans">Result : </p>

<div id="lit"></div>

<script>

    function sum(){

        var num1 = document.getElementById("num1").value;

        var num2 = document.getElementById("num2").value;

        document.getElementById("ans").innerHTML = "Result : " +

        (parseInt(num1) + parseInt(num2));

        var sth = document.createElement("p");

        sth.innerHTML = num1 + " + " + num2 + " = " +

        (parseInt(num1) + parseInt(num2));

        let ans = document.getElementById("lit").appendChild(sth);

</script>

<div class="card-deck" id="card1"></div>

function dataReportStatus(data) {

    let num = data.movies.showing.length;

    for (let i = 0; i < num; i++) {

        let card1 = document.getElementById("card1");

        let div = document.createElement("div");

        div.className = "card";

        div.id = data.movies.showing[i].id;

        div.innerHTML += '<img class="card-img-top" src="" +
data.movies.showing[i].poster + "' alt="Card image cap"><div
class="card-body"><h5>' + data.movies.showing[i].title_en +
'</h5><h6 class="card-title">' + data.movies.showing[i].title_th +
'</h6><p class="card-text"><small class="text-muted">' +
data.movies.showing[i].releasedate + ' </small>';

        for (let j = 0; j < data.movies.showing[i].category.length;
j++) {

            div.innerHTML += data.movies.showing[i].category[j] + '

';

        div.innerHTML += '</p></div><button class="btn btn-
primary">เลือกภาพยนตร์</button></div>';

        card1.appendChild(div);

        div.innerHTML += '</p></div><button class="btn btn-
outline-secondary">Clear</button>

        small class="text-muted"
```

## Sum Dom

```
let body =
document.getElementsByTagName("body")[0];

let table =
document.createElement("table");

table.style.margin = "auto";

table.style.marginTop =
"5%";

table.style.fontSize =
"larger";

table.style.color = "white";

table.style.textAlign =
"center";

let row = table.insertRow(0);

for (let i = 1; i <= 8; i++){

    for (let j = 0; j <= 7; j++) {

        num += 1;

        let cell =
row.insertCell(j);

        let a =
Math.floor(Math.random() *
256);

        let b =
Math.floor(Math.random() *
256);

        let c =
Math.floor(Math.random() *
256);

        cell.style.background =
"rgb(" + a + ", " + b + ", " + c +
")";

        cell.style.padding = "20";

        cell.style.border = "1px
solid black";

        let tnode =
document.createTextNode(num);

        cell.appendChild(tnode);

    }

    row = table.insertRow(i);

}

body.appendChild(table);</script>

.center{

Margin: 0 auto; positon: absolute;

Left: 0; right:0; width: --;

}
```