

Lab #2(a)

Lab#2(a) Implement JavaScript Validations to the registration form using Event Listener and Events.

| METHODS USED | ATTRIBUTES USED | DESCRIPTION |
|--|-----------------|---|
| <SCRIPT> | TYPE, SRC | Used for defining a link to an external javascript document |
| document.getElementById("id_name").innerHTML | -- | to get value of the input text |
| document.getElementById("name").value | -- | returns the element of specified id. |
| test() | -- | tests for a match in a string. If it finds a match, it returns true, otherwise it returns false. |
| onsubmit | -- | specifies an event handler function that is invoked when the user submits a form by clicking on a Submit button in the form |

Final Outcome:

Registration Form

Name:

Email:

Password:

Please enter Minimum 8 characters at least 1 Alphabet and 1 Number

Confirm Password:

Date of Birth:

Mobile No.:

City:

Registration Form

Name:

Please Enter Your Name

Email:

Password:

Confirm Password:

Date of Birth:

Mobile No.:

City:



Lab #2(a)

Registration Form

Name:

Email:

Password:

Confirm Password:

Please Enter Your Confirm Password

Date of Birth:

Mobile No.:

City:

Registration Form

Name:

Email:

Please Enter Your Email

Password:

Confirm Password:

Date of Birth:

Mobile No.:

City:



Lab #2(a)

Registration Form

Name:

Email:

Password:

Confirm Password:

Date of Birth:

Mobile No.:

City:

Please Enter Your Ciity

Registration Form

Name:

Email:

Password:

Confirm Password:

Date of Birth:

Mobile No.:

Please Enter 10 digit number

City:

Lab #2(a)

Code Snippet:

```
function validate() {
    var username = document.getElementById("name").value;
    var email = document.getElementById("email").value;
    var pasword = document.getElementById("password").value;
    var cpasword = document.getElementById("confirm-password").value;
    var number = document.getElementById("tel").value;
    var cit = document.getElementById("city").value;
    // input field is empty or not
    if (username == "") {
        document.getElementById("usr").innerHTML = "Please Enter Your Name";
        return false;
    }
    if (!isNaN(username)) {
        document.getElementById("usr").innerHTML = "Please Enter Characters only";
        return false;
    }
    if (email == "") {
        document.getElementById("eml").innerHTML = "Please Enter Your Email";
        return false;
    }
    var emailformat = /^[a-z A-Z 0-9 \_\. \-]+\@[a-z A-Z]{2,6}[.]{1}[a-z]{2,4}[.]{0,1}[a-z]{0,2}$/;
    if (emailformat.test(email)) {
        document.getElementById("eml").innerHTML = "";
    } else {
        document.getElementById("eml").innerHTML = "Please Enter correct email format";
        return false;
    }
    if (pasword == "") {
        document.getElementById("pas").innerHTML = "Please Enter Your Password";
        return false;
    }
    var pass = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/;
    if (pass.test(password)) {
        document.getElementById('pas').innerHTML = "";
    } else {
        document.getElementById('pas').innerHTML = "Please enter Minimum 8 characters at least 1 Alphabet and 1 Number";
        return false;
    }
    if ((password.length < 1) || (password.length > 12)) {
        document.getElementById("pas").innerHTML = "Please Enter Your Password between 6 to 12 characters";
        return false;
    }
}
```

Lab #2(a)

```
if (cpasword == "") {
    document.getElementById("cpas").innerHTML = "Please Enter Your Confirm Password";
    return false;
}
if ((cpasword.length < 1) || (cpasword.length > 12)) {
    document.getElementById("cpas").innerHTML = "Please Enter Your Password between 1 to 12
characters";
    return false;
}
if (password !== cpasword) {
    document.getElementById("cpas").innerHTML = "password is not matched with confirm
password.";
    return false;
}
if (number == "") {
    document.getElementById("nm").innerHTML = "Please Enter Your Contact number";
    return false;
}
if (isNaN(number)) {
    document.getElementById("nm").innerHTML = "Please Enter Your number only";
    return false;
}
if (number.length !== 10) {
    document.getElementById("nm").innerHTML = "Please Enter 10 digit number";
    return false;
}
if (cit == "") {
    document.getElementById("ct").innerHTML = "Please Enter Your Ciity";
    return false;
}
if (!isNaN(cit)) {
    document.getElementById("ct").innerHTML = "Please Enter Characters only";
    return false;
}
}
```