EXPERIMENT-8(A)

AIM: ADDING VALIDATIONS TO HTML FORM.

FIELD REQUIRED VALIDATION:

```
<form name="myForm" onsubmit="return validateForm()" >
  First name:<br>
  <input type="text" name="firstname" required>
  <br><br>
  Last name:<br>
  <input type="text" name="lastname" required>
```

SIGN UP!!!

First name:
Shachi

Last name:

Please fill out this field.

Gender:
- Male
- Female
- Other

Mobile no:

Email-id:

password:

Submit

MOBILE NUMBER VALIDATION:

```
<script>
function validateForm() {
var str = document.forms["myForm"]["mobile"].value;
if(str.length==10){
    if (!(str.match(/(7|8|9)\d{9}/))) {
        alert("Invalid mobile number");
        return false;
    }
}
else
alert("Mobile Number should be 10 digit");
```

SIGN UP!!!

First name:
shachi

Last name:
saini

Gender:
◉ Male
○ Female
○ Other

Mobile no:
987653

Email-id:

password:

Submit

Mobile Number should be 10 digit

OK

SIGN UP!!!

First name:
Shachi

Last name:
saini

Gender:
◉ Male
○ Female
○ Other

Mobile no:
1876543210

Email-id:

password:

Submit

Invalid mobile number

OK

EMAIL VALIDATION:

```javascript
var stre = document.forms["myForm"]["email"].value;
if (!(stre.match(/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/))) {
        alert("Invalid email-id");
        return false;
    }
```

SIGN UP!!!

First name:
Shachi

Last name:
saini

Gender:
Male
Female
Other

Mobile no:
9876543210

Email-id:
shachi

password:

Submit

Invalid email-id

OK

PASSWORD VALIDATION:

```javascript
var strp = document.getElementById("psw").value;
if(strp.length>5){
if (!(strp.match(/(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,}/))) {
        alert("Password must contain\none uppercase\none lowercase\none number");
      return false;
    }
}
else
alert("password must be atleast 6 character long");
```

SIGN UP!!!

First name:
Shachi

Last name:
saini

Gender:
◉ Male
○ Female
○ Other

Mobile no:
9876543210

Email-id:
shachi@gmail.com

password:
•••••

Submit

> password must be atleast 6 character long
>
> OK

SIGN UP!!!

First name:
shachi

Last name:
saini

Gender:
◉ Male
○ Female
○ Other

Mobile no:
9876543210

Email-id:
shachi@gmail.com

password:
•••••••

Submit

> Password must contain
> one uppercase
> one lowercase
> one number
>
> OK

EXPERIMENT-8(B)

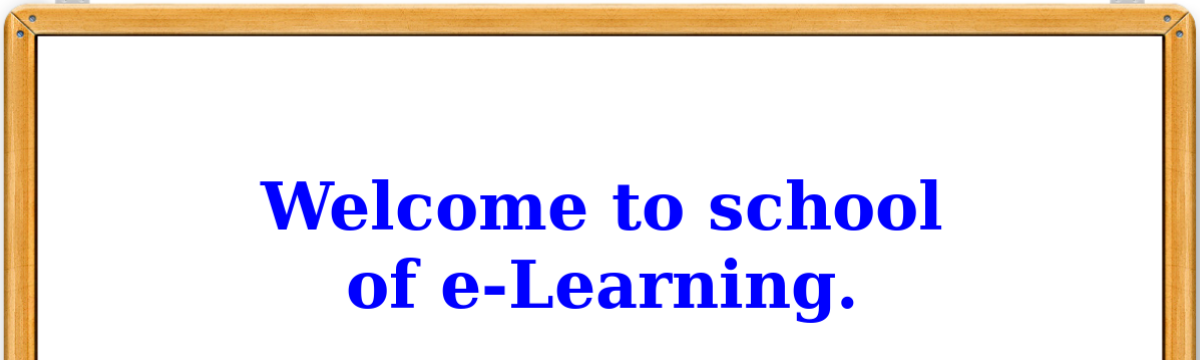**AIM:** ADDING DATE AND TIME TO WEBPAGE.

```
<p style="float:right;background:yellow" id="date"></p>
```

```
d = new Date();
document.getElementById("date").innerHTML = d.toString();
</script>
```

MY ACCOUNT	▼

Fri Mar 23 2018 19:57:53 GMT+0530 (IST)

Welcome to school
of e-Learning.