

①

Name validation

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
                                initial-scale=1.0">
    <title>Name validation</title>
</head>
<body>
    <h3> Name validation </h3>
    <form onsubmit="return validateName()">
        Name:
        <input type="text" id="name">
        <br><br>
        <input type="submit" value="Submit">
    </form>
    <script>
        function validateName() {
            let name = document.getElementById("name").value
                .trim();
            if (name == "") {
                alert("Please fill up the form");
            }
        }
    </script>

```

(2)

```
return false;  
}  
let regex = /^[A-Za-z][A-Za-z.-]*$/;  
if (!regex.test(name)) {  
    alert("Name must be start with a letter and contain  
    only letters, dot(.) or dash (-)");  
    return false;  
}  
let words = name.split(/\s+/);  
if (words.length < 2) {  
    alert ("Name must contain at least two words");  
    return false;  
}  
return true;  
}  
</script>  
</body>  
</html>
```

Email validation

(3)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Email validation</title>
</head>
<body>
    <h2>Email validation</h2>
    <form onsubmit="return validateEmail ()">
        Email:
        <input type="text" name="" id="email">
        <br> <br>
        <input type="submit" value="Submit">
    </form>
    <script>
        function validateEmail () {
            var email = document.getElementById("email").value;
            if (email == "") {
                alert ("Email cannot be empty");
                return false;
            }
        }
    </script>

```

(1)

```
let regex = /^[^\\s@]+@[^\\s@]+\.\[^\\s@+\$]/;  
if (!regex.test(email)) {  
    alert("Invalid email format (example: abc@gmail.com)");  
    return false;  
}  
return true;  
}  
</script>  
</body>  
</html>
```

Date of Birth validation

(5)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
                                Initial Scale=1.0">
    <title> Date of Birth Validation </title>
</head>
<body>
    <h1> Date of Birth Validation </h1>
    <form onsubmit="return validateDOB()">
        Day :
        <input type="number" name=" " id="day"> <br> <br>
        Month :
        <input type="number" name=" " id="month"> <br> <br>
        Year :
        <input type="number" name=" " id="year"> <br> <br>
        <input type="submit" value="Submit">
    </form>
```

(6)

<script>

function validate DOB() {

let day = document.getElementById("day").value;

let Month = document.getElementById("month").value;

let year = document.getElementById("year").value;

if (day == "" || month == "" || year == "") {

 alert("Date fields cannot be empty");

 return false;

}

if (day < 1 || day > 31) {

 alert("Day must be between 1 and 31")

 return false;

}

if (month < 1 || month > 12) {

 alert("Month must be between 1 and 12");

 return false;

}

7

```
if(month < 1 || month > 12) {  
    alert("Month must be between 1 and 12");  
    return false;  
}  
if (year < 1900 || year > 2016) {  
    alert("Year must be between 1900 and 2016");  
    return false;  
}  
return true;  
}  
</script>  
</body>  
</html>
```

Blood Group Validation

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
                                initial-scale=1.0">
<title> Blood Group Validation </title>
</head>
<body>
<h2> Blood Group Validation </h2>
<form onsubmit="return validateBlood()">
    <select name=" " id="blood">
        <option value=""><select>
            <option value="A+ "> A+
            <option value="A- "> A-
            <option value="B+ "> B+
            <option value="B- "> B-
            <option value="O+ "> O+
            <option value="O- "> O-
            <option value="AB+ "> AB+
            <option value="AB- "> AB-
    </select>

```

(3)

<option> A B </option>

</select>

<input type="submit" value="submit">

</Form>

<script>

function validateBlood () {

let Blood = document.getElementById ("blood").
value

if (blood == "") {

Alert ("Blood Group Must be Selected");

return false;

}

return true;

}

</script>

Degree Validation

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial scale=1.0">

<title> Degree validation </title>

</head>

<body>

<h2> Degree validation </h2>

<form onsubmit="return validateDegree()">

<input type="checkbox" name="" id="ssc"> SSC

<input type="checkbox" name="" id="hsc"> HSC

<input type="checkbox" name="" id="bsc"> BSC

<input type="checkbox" name="" id="msc"> MSc

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

</form>

<Script>

```
function validateDegree() {
```

```
    let ssc = document.getElementById("ssc");
```

```
    let hsc = document.getElementById("hsc");
```

```
    let bsc = document.getElementById("bsc");
```

```
    let msc = document.getElementById("msc");
```

```
    if (!ssc.checked && !hsc.checked && !bsc.checked  
        && !msc.checked) {
```

```
        alert("At least one degree must be selected");
```

```
        return false;
```

```
}
```

```
return true;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

User Photo validation

(12)

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <meta name = "viewport" content = "width=deviceWidth,
                                         initial-scale=1.0">
    <title>User ID and Photo validation</title>
</head>
<body>
    <h2>User ID and Photo validation</h2>
    <form onsubmit = "return validateUser()">
        User ID:
        <input type = "number" name = " " id = "user id"> <br> <br>
        Photo:
        <input type = "file" name = " " id = "photo"> <br> <br>
        <input type = "submit" value = "Submit">
    </form>
<script>
```

```
function validateUser() {
```

(13)

```
Let user_id = document.getElementById("userId").value;  
Let photo = document.getElementById("photo").value;  
  
if (user_id == "" || user_id <= 0) {  
    alert("User ID must be a positive number");  
    return false;  
}  
  
if (photo == "") {  
    alert("picture cannot be empty");  
    return false;  
}  
  
return true;  
}  
  
</script>  
  
</body>  
</html>
```