10/2/
2021

Aim: Create a HTML registration form and validate the form using Javascript code.

Program:

```
<html>
<head>
<script>
function Validate() {

    /* validating email */

    var email = document.getElementById('email').value
    var valid = /^[a-z 0-9._%+-]+@[a-z 0-9.-]+.
                                    [a-z]{2,63}$/;

    if (email.match(valid)) {
            document.getElementById("emailp").innerHTML
                                    = "Valid Email"
            }

    else {
            document.getElementById('emailp').innerHTML =
                                    "Invalid Email";


            alert("Invalid Email").

            }
```

```javascript
var phoneno = /^\{2([0-9]{3})\)?[-.]?([0-9]{3})
                    [-,]?([0-9]{4})$/;

var ph = document.getElementById("Ph").value

if (ph.match(phoneno))

            {   alert(" Valid Phone number");   }

else        {
             alert(" Phone number is Invalid ");   }


/* validating date of birth between  5 and 50 years old */

var db = document.getElementById("db").value

if ("1972/01/01" < dt && dt < "2016/01/01")

            {
             alert(" Age is between 5 and 50");
            }

else        {
             alert("Age is not between 5 and 50");
            }
}
</script>
```

```html
<body>
<p> HTML form validates email phnumber and dob </p>

<form>
<input type = "Nome" placeholder = "Name"> <br>
<label> Date of Birth </label>
<input type = "date" , id = "dt"> <br>
<input type = "text" placeholder = "Email" id = "email">
                                                    <br>
<input type = "number" placeholder = "Phone number"
                    id = "Ph"> <br>


<button onclick = "ValidateEmail ()">

SUBMIT
</button>
</form> </body> </html>
```

Result:

The program has been executed and
output was verified.

HTML form validates email, contact number and date

```
┌─────────────────────────┐
│ Name                    │
└─────────────────────────┘

┌─────────────────────────┐
│ mm / dd / yy      📅     │
└─────────────────────────┘

┌─────────────────────────┐
│ Email . co              │
└─────────────────────────┘

┌─────────────────────────┐
│ Phone number            │
└─────────────────────────┘

┌────────┐
│ Submit │
└────────┘
```

If Invalid Email:

```
        ┌─────────────────────────┐
        │ This page says:         │
        │                         │ ─→ alert box
        │   Invalid Email         │
        │                         │
        └─────────────────────────┘

┌─────────────────────────┐
│ Name                    │
└─────────────────────────┘

┌─────────────────────────┐
│ mm / dd / yy     📅      │
└─────────────────────────┘

┌─────────────────────────┐
│ Email . com             │        // Invalid Email
└─────────────────────────┘

  Invalid Email

┌─────────────────────────┐
│ Phone  number           │
└─────────────────────────┘

┌────────┐
│ Submit │
└────────┘
```

This page says:

Invalid Contact Number

-> alert box

Name

mm/dd/yy 🔒

Email

1 2 3 4 5   // Invalid Ph number

Submit

This page says:

-> alert box

Age between 5 and 50

Name

06/07/2012 -> // Age is between 5 and 50

Email

Phone number

Submit

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