

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA              Batch - 41

FET Practical 10

Code Link for all practicals :

<https://github.com/yashslakhtariya/sem4practicals/tree/main/FET>

**Institute of Computer Technology  
B. Tech. Computer Science and Engineering**

**Sub: FET (2CSE410)  
Practical - 10 (Validation)**

**Objective: To understand the concept of validation and applying it using HTML, CSS and EcmaScript.**

**Exercise:**

Create a register webpage for an E-Commerce website, taking information (like Name, email, mobile, password, confirm password and so on) required from the end-user. Validate the page on client-side by making the appropriate fields necessary and checking the input is valid or not according to the field.

**HTML:**

```
<!DOCTYPE html>

<html>

  <head>

    <title>FET Practical 10 by YSL</title>

  </head>

  <body>

    <center>

      <h1>YSL Form Validation</h1>

      <form name="yslfrm">

        Name:<input type="text" name="name" maxlength="20"

required><br><br>
```

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```
E-mail:<input type="text" name="email" required><br><br>
Mobile:<input type="text" name="mobile" required><br><br>
Password:<input type="password" name="pswd" minlength="8"
maxlength="15" required><br><br>
Confirm Password:<input type="password" name="pswd2"
required><br><br>
<input type="submit" onclick="validate()" value="Submit">
</form>
<script src="p10.js"></script>
</center>
</body>
</html>
```

**JS:**

```
function validate()
{
    let nme = document.forms['yslfrm']['name'].value;
    let eml = document.forms['yslfrm']['email'].value;
    let mbl = document.forms['yslfrm']['mobile'].value;
    let pswd = document.forms['yslfrm']['pswd'].value;
    let pswd2 = document.forms['yslfrm']['pswd2'].value;
    letter=/^[A-Z][a-z]+$;/;
    mail=/^\w+([.-]?\w+)@\w+([.-]?\w+)(\.\w{2,3})$/;
```

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```
nmb=/^\d{10}$/;

passwr=/^[A-Za-z]+([.\#@%]?\w+)$/;

if(letter.test(nme))
{
    if(mail.test(eml))
    {
        if(nmb.test(mbl))
        {
            if(passwr.test(pswd) && passwr.test(pswd2))
            {
                if(pswd == pswd2)
                {
                    alert("Login Successful!")
                }
                else
                {
                    alert("Passwords don't match!")
                }
            }
            else
            {
                alert("Password validation unsuccessful!")
            }
        }
    }
}
```

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```
        else
        {
            alert("Invalid contact number!")
        }
    }
    else
    {
        alert("Email validation unsuccessful!")
    }
}
else
{
    alert("Invalid name!")
}
}
```

**Output :**

Name - Yash Lakhtariya

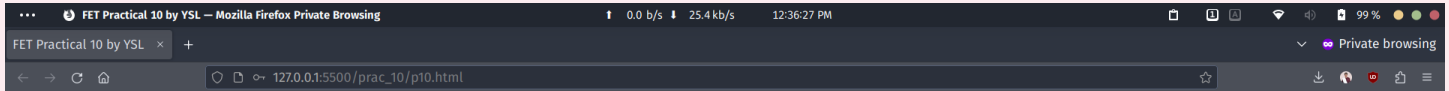
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## YSL Form Validation

Name: Yash

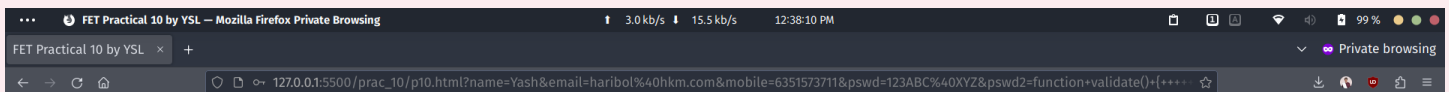
E-mail: haribol@hkm.com

Mobile: 6351573711

Password: (masked)

Confirm Password: (masked)

Submit



## YSL Form Validation

Name: Yash

E-mail: haribol@hkm.com

Mobile: 6351573711

Password: (masked)

Confirm Password: (masked)

Submit

127.0.0.1:5500

Login Successful!

OK