



Ganpat University

॥ विद्यया समाजोत्कर्षः ॥

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PRACTICAL 10

❖ **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.

(You can refer to any e-commerce website's New User/Register page).

✓ **10.html :**

```
<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" type="text/css" href="10.css">
</head>

<body>
  <div class="CONTAINER">
    <form method="get" id="login-form">
      <div>
        <label for="name" >
          NAME
        </label>
        <input type="text" id="name" required>
      </div>
      <div>
        <label for="age">
```

```

        AGE
    </label>
    <input type="number" id="age" required>
</div>
<div>
    <label for="email">
        EMAIL
    </label>
    <input type="email" id="email" required>
</div>
<div>
    <label for="mobile">
        MOBILE
    </label>
    <input type="text" id="number" required>
</div>
<div>
    <label for="pass">
        PASSWORD
    </label>
    <input type="password" id="pass" required>
</div>
<div>
    <label for="cpass">
        CONFIRM PASSWORD
    </label>
    <input type="password" id="cpass" required>
</div>
<div>
    <button onclick="myfunction()" class="glow-on-hover"> SUBMIT
</button>
</div>
</form>
</div>
<script src="10.js"></script>
</body>
</html>

```

✓ 10.js :

```

var formm=document.getElementById("login-form");
formm.addEventListener('submit',function(event)
{
    event.preventDefault();
    var age = document.getElementById("age").value;
    var name = document.getElementById("name").value;
    var email = document.getElementById("email").value;
    var phone = document.getElementById("number").value;
    var pass = document.getElementById("pass").value;

```

```

var cpass = document.getElementById("cpass").value;
var matchpass=/^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,15}$/;
var phonepass=/^(?=.*\d).{10}$/;
var namepass=/^(?=.*\s)(?=.*[a-z])(?=.*[A-Z]).{1,30}$/;
var emailpass = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
let flag=0
if(namepass.test(name)==false)
{
alert("NAMES SHOULD ONLY CONTAIN LETTERS MAXIMUM LEN = 30")
flag=1
}
else
{
flag=0
}
if(age<=0)
{
alert("PLEASE ENTER CORRECT AGE")
flag=1
}
else
{
flag=0
}
if(emailpass.test(email)==false)
{
alert("ENTER VALID EMAIL")
flag=1
}
else
{
flag=0
}
if(phonepass.test(phone)==false)
{
alert("PHONE NUMBER SHOULD BE ONLY DIGITS AND 10 DIGIT LONG")
flag=1
}
else
{
flag=0
}
if(matchpass.test(pass)==false)
{
alert("PASSWORD SHOULD BE ATLEAST 1 CAPITAL,1 SMALL,1 DIGIT AND 8 CHAR LONG");
flag=1
}
else

```

```

{
flag=0
}
if(conpass!=pass)
{
alert("PLEASE MAKE SURE CONFIRM PASSWORD SAME");
flag=1
}
else
{
flag=0
}
if(flag==0)
{
alert("FORM SUBMITTED")
}
}
})

```

✓ **Output :**

The image displays three sequential screenshots of a web form submission process, showing validation errors and the final successful submission.

First Screenshot: The form contains the following data: NAME: Tushar, AGE: 18, EMAIL: tusharpanchal21@gnu.ac.ir, MOBILE: 12345678, PASSWORD: [masked], CONFIRM PASSWORD: [masked]. A validation error message is displayed: "127.0.0.1:52481 says NAMES SHOULD ONLY CONTAIN LETTERS MAXIMUM LEN = 30".

Second Screenshot: The form contains the following data: NAME: Tushar, AGE: 18, EMAIL: tusharpanchal21@gnu.ac.ir, MOBILE: 12345678, PASSWORD: [masked], CONFIRM PASSWORD: [masked]. A validation error message is displayed: "127.0.0.1:52481 says PHONE NUMBER SHOULD BE ONLY DIGITS AND 10 DIGIT LONG".

Third Screenshot: The form contains the following data: NAME: Tushar Panchal, AGE: 18, EMAIL: tusharpanchal21@gnu.ac.ir, MOBILE: 1234567895, PASSWORD: [masked], CONFIRM PASSWORD: [masked]. A success message is displayed: "127.0.0.1:52481 says FORM SUBMITTED".