

# EXPERIMENT 10- JAVASCRIPT VALIDATION

Date:- 26/11/24

Source Code:--

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Task10:Form Validation</title>
    <style>
        body {
            background-color: antiquewhite;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
        }

        .form{
            background-color:burlywood;
            margin: auto;
            border: 3px solid;
            padding: 20px;
            width: 300px;
            height: auto;
        }
    </style>
</head>
<body>

    <script>
        function validation(){
            var name=document.getElementById("name").value;
            var pWord=document.getElementById("password").value;
            var
CpWord=document.getElementById("conformpassword").value;
```

```

var namePattern = /^[A-Za-z]+$ /;

if (name == "" || pWord == "" || CpWord == "")
{
    alert("All fields are mandatory!!!");
    return false;
}
else if(name.length < 6){
    alert("Name should not be less than 6 character.");
//In Question
    return false;
}
else if(!namePattern.test(name)){
    alert("Name should contain alphabets only.");
//In Question
    return false;
}
else if(pWord.length < 6){
    alert("Password length should not be less than 6
character."); //In Question
    return false;
}
else if(CpWord != pWord){
    alert("Conform Password and Password should be
same.");
    return false;
}
else
    return true ;
}
</script>

```

```

<form class="form" action="submit.html" onsubmit="return
validation()">
    <label>Name:</label>
    <input type="text" id="name" name="name" placeholder="Only
characters allowed." required>
    <br><br>

```

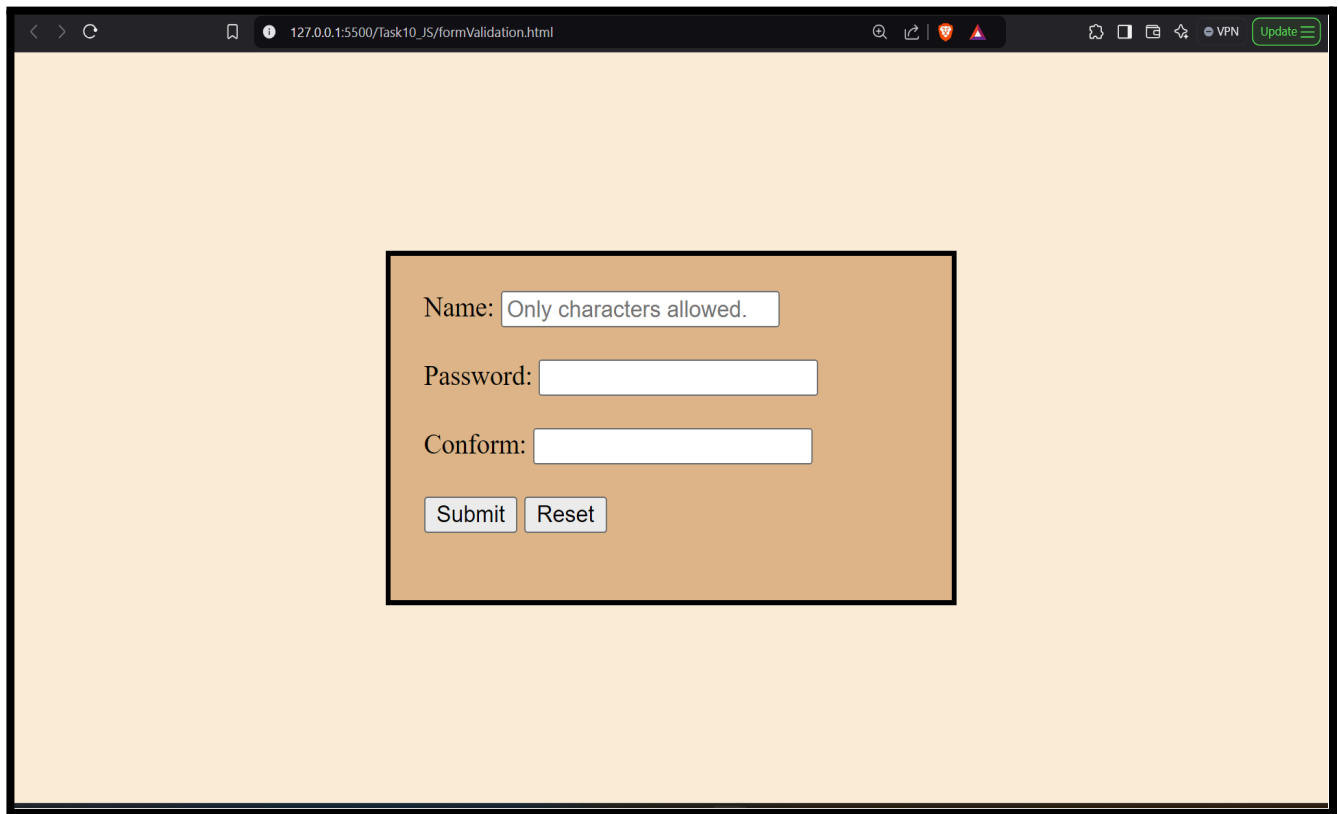
```
<label>Password:</label>
<input type="password" id="password" name="password">
<br><br>

<label>Conform:</label>
<input type="password" id="conformpassword"
name="conformpassword">
<br><br>

<input type="submit" value="Submit">
<input type="reset" value="Reset">
<br><br>

</form>
</body>
</html>
```

Output:-



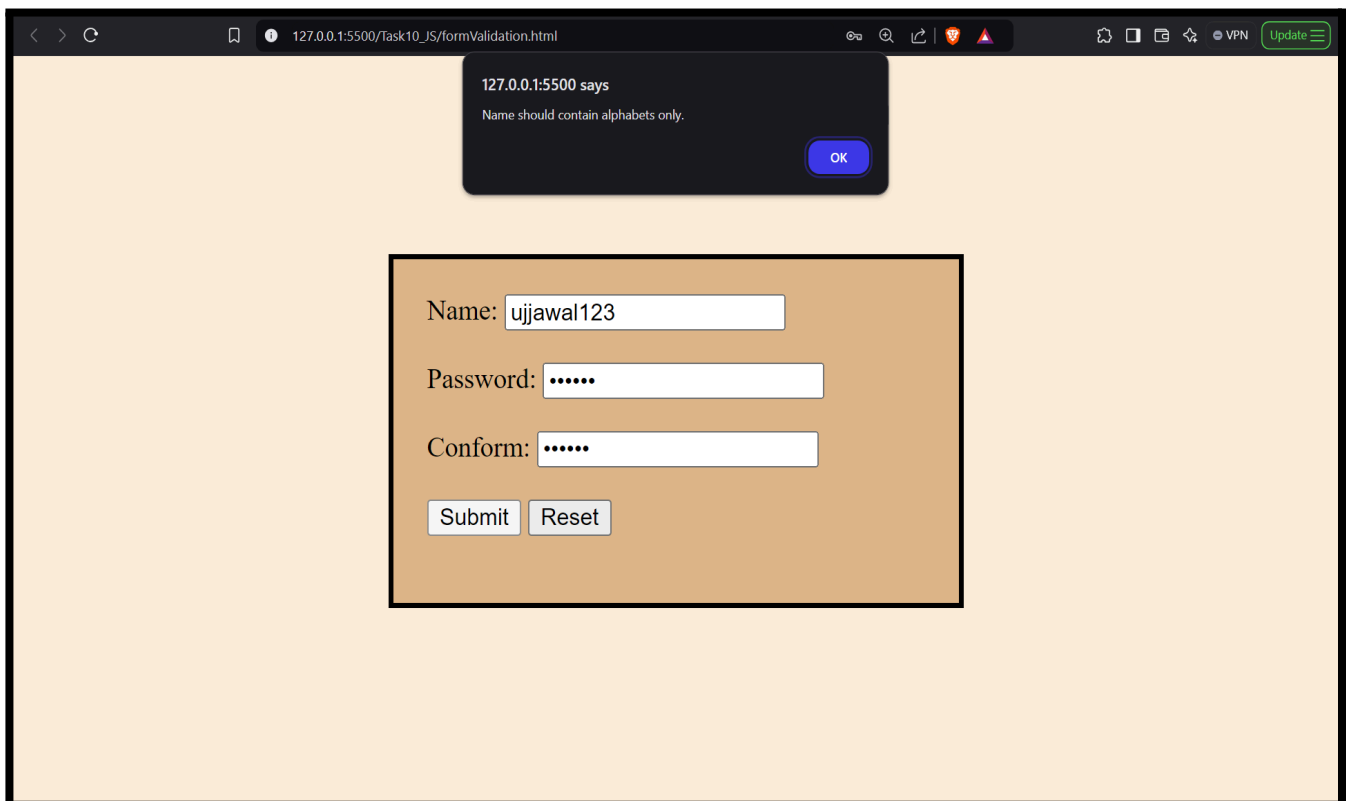
127.0.0.1:5500/Task10\_JS/formValidation.html

Name: Only characters allowed.

Password:

Conform:

Submit Reset



127.0.0.1:5500/Task10\_JS/formValidation.html

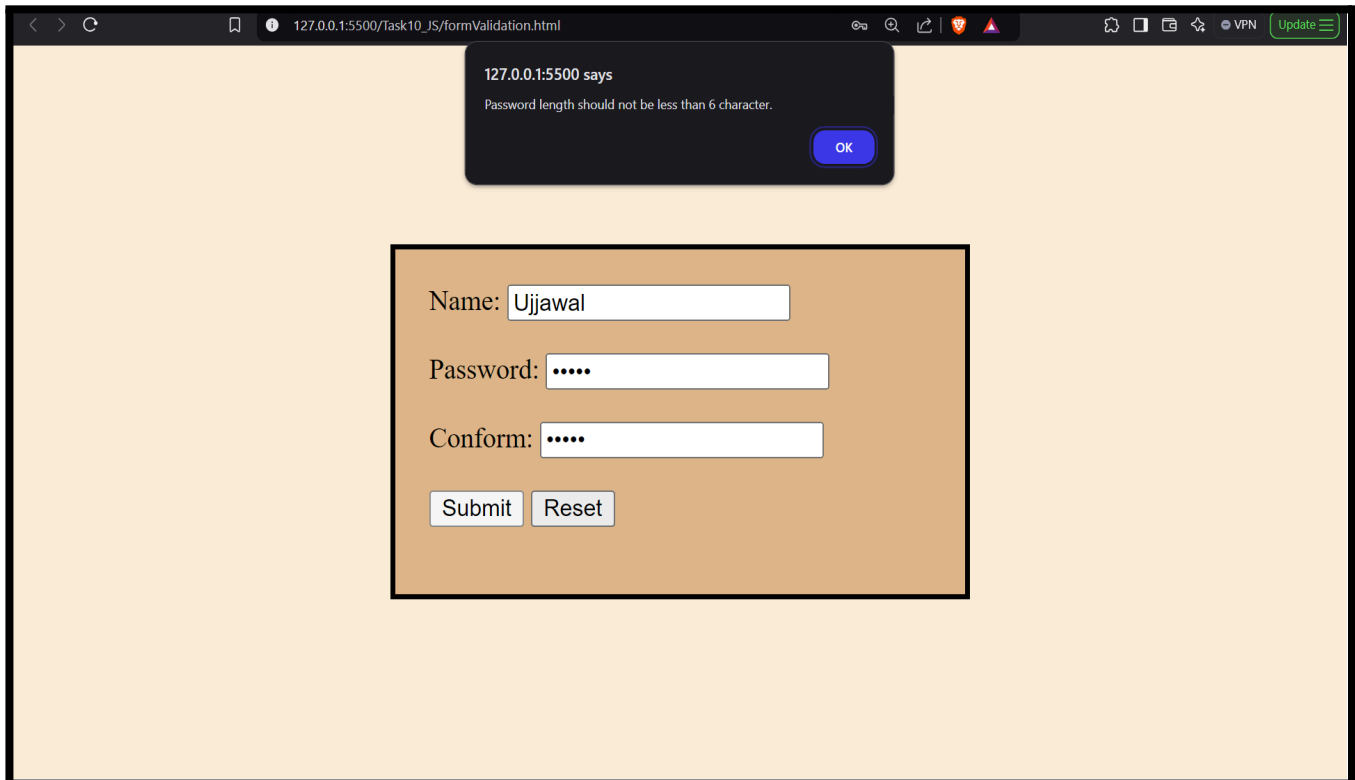
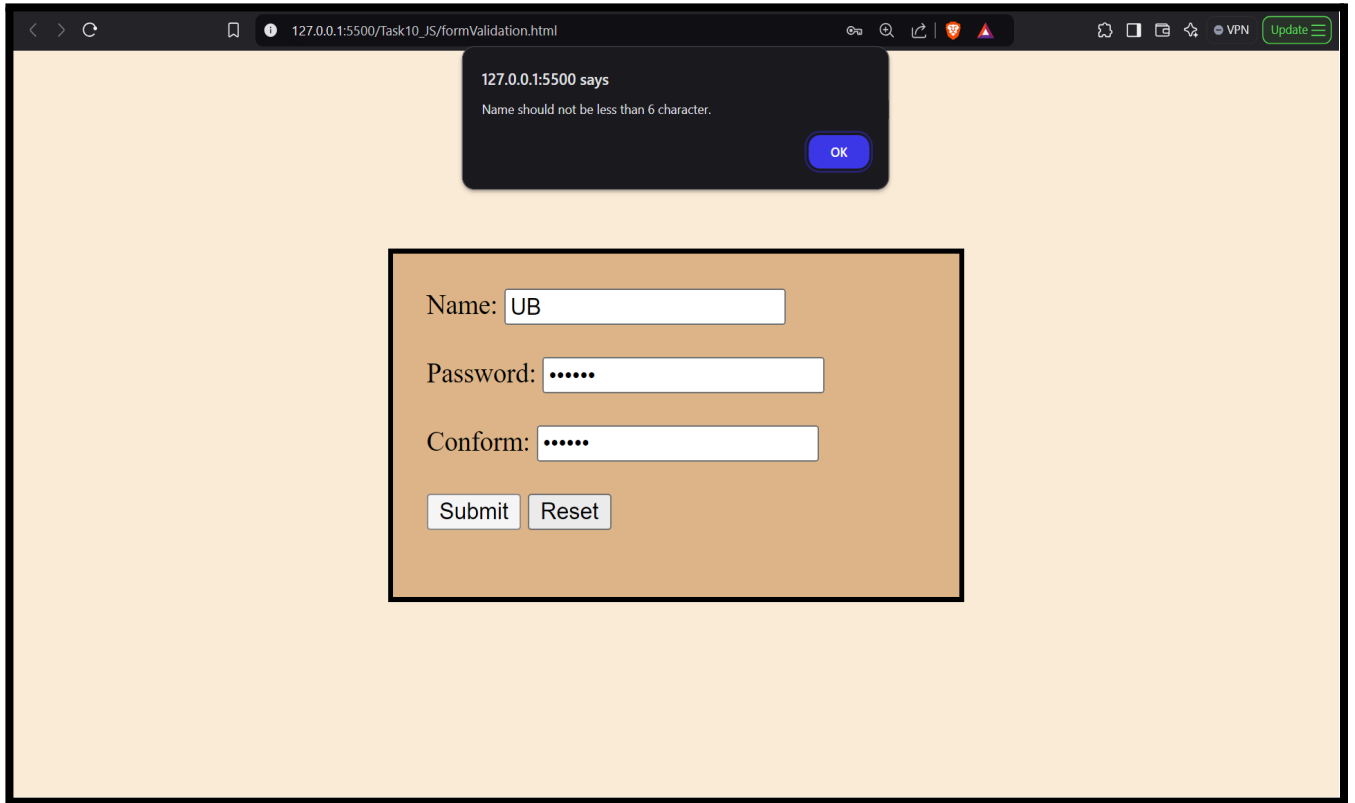
127.0.0.1:5500 says  
Name should contain alphabets only.  
OK

Name: ujjawal123

Password:

Conform:

Submit Reset



## EXPERIMENT 11- JAVASCRIPT VALIDATION-2

Date:- 26/11/24

Source Code:--

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Task10:Form Validation</title>
    <style>
        body {
            background-color: antiquewhite;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
        }
        .form{
            background-color:burlywood;
            margin: auto;
            border: 3px solid;
            padding: 20px;
            width: 300px;
            height: auto;
        }
    </style>
</head>
<body>
    <script>
        function validation(){
            var name=document.getElementById("name").value;
            var pWord=document.getElementById("password").value;
            var
CpWord=document.getElementById("conformpassword").value;
```

```

var pnumber=document.getElementById("number").value;
var mail=document.getElementById("email").value;

const namePattern = /^[A-Za-z]+$//;
const emailPattern =
/^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/;

if (name == "" || pWord == "" || CpWord == "")
{
    alert("All fields are mandatory!!!");
    return false;
}
else if(name.length < 6){
    alert("Name should not be less than 6 character.");
//In Question
    return false;
}
else if(!namePattern.test(name)){
    alert("Name should contain alphabets only.");
//In Question
    return false;
}
else if(pWord.length < 6){
    alert("Password length should not be less than 6
character."); //In Question
    return false;
}
else if(CpWord != pWord){
    alert("Conform Password and Password should be
same.");
    return false;
}
else if(pnumber.length != 10){
    alert("Phone number should contain 10 digits
only."); //In Question
    return false;
}
else if(!emailPattern.test(mail)){
    alert(" E-mail id should not contain any invalid
and must follow the standard pattern"); //In Question

```

```
        return false;
    }
    else
        return true ;
}
</script>

<form class="form" action="submit.html" onsubmit="return
validation()">
    <label>Name:</label>
    <input type="text" id="name" name="name" placeholder="Only
characters allowed." required>
    <br><br>

    <label>Password:</label>
    <input type="password" id="password" name="password">
    <br><br>

    <label>Conform:</label>
    <input type="password" id="conformpassword"
name="conformpassword">
    <br><br>

    <label>E-mail:</label>
    <input type="email" id="email" name="email">
    <br><br>

    <label>Phone No:</label>
    <input type="number" id="number" name="number">

    <br><br>
    <input type="submit" value="Submit">
    <input type="reset" value="Reset">
    <br><br>

</form>
</body>
</html>
```



Output:-

A screenshot of a web browser window displaying a registration form. The browser's address bar shows the URL "127.0.0.1:5500/Task11\_JS/validation.html". A dark modal dialog box is open, displaying the message "127.0.0.1:5500 says" and "Phone number should contain 10 digits only." with an "OK" button. The form below contains the following fields: "Name:" with the value "Ujjawal", "Password:" with masked characters ".....", "Conform:" with masked characters ".....", "E-mail:" with the value "ujjawal.bisht@outlook", and "Phone No:" with the value "09313232319". At the bottom of the form are "Submit" and "Reset" buttons.

A screenshot of a web browser window displaying the same registration form. The browser's address bar shows the URL "127.0.0.1:5500/Task11\_JS/validation.html". A dark modal dialog box is open, displaying the message "127.0.0.1:5500 says" and "E-mail id should not contain any invalid and must follow the standard pattern" with an "OK" button. The form below contains the following fields: "Name:" with the value "Ujjawal", "Password:" with masked characters ".....", "Conform:" with masked characters ".....", "E-mail:" with the value "ujjawal.bisht@outlook", and "Phone No:" with the value "9313232319". At the bottom of the form are "Submit" and "Reset" buttons.