EXPERIMENT 10- JAVASCRIPT VALIDATION

Source Code:--

```html
<!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;
```

```javascript
            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>
```

```html
        <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>
```
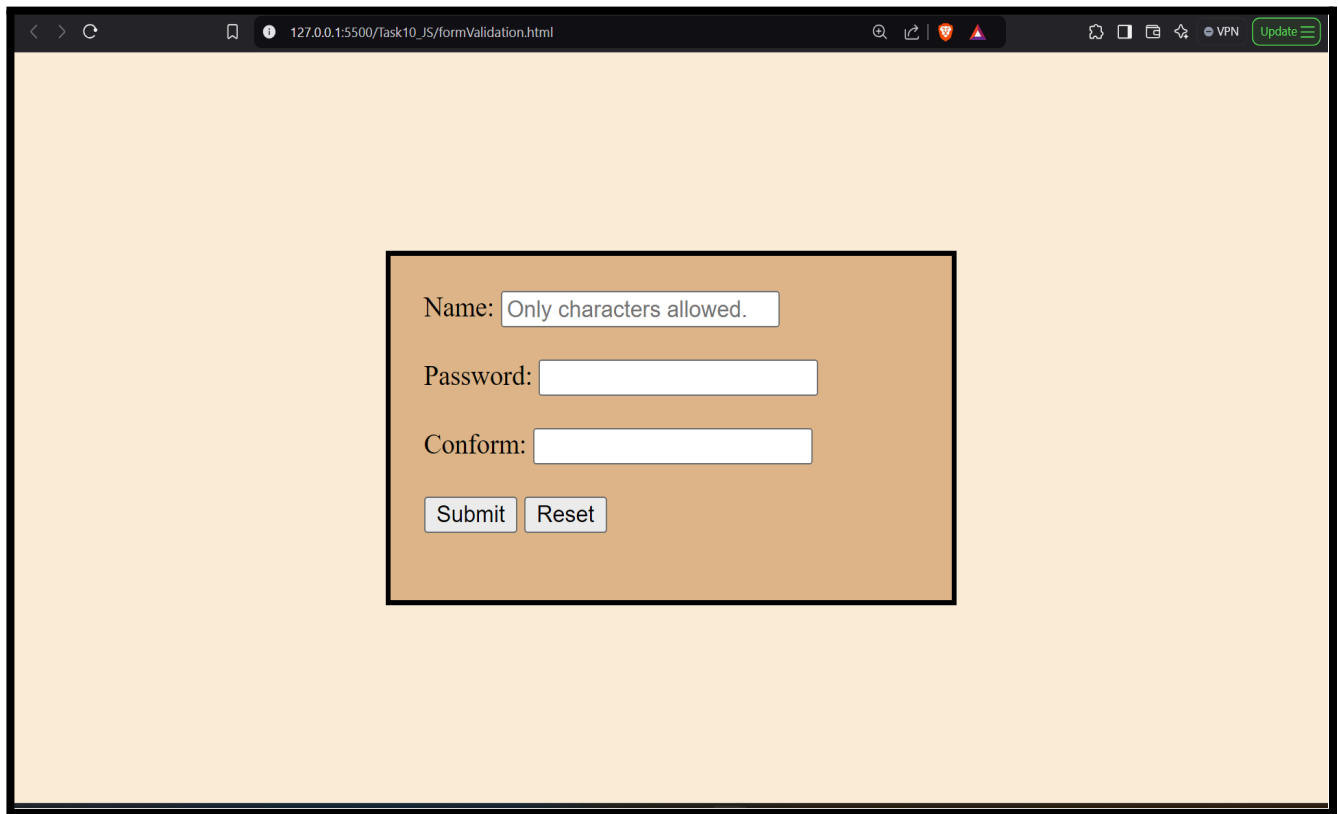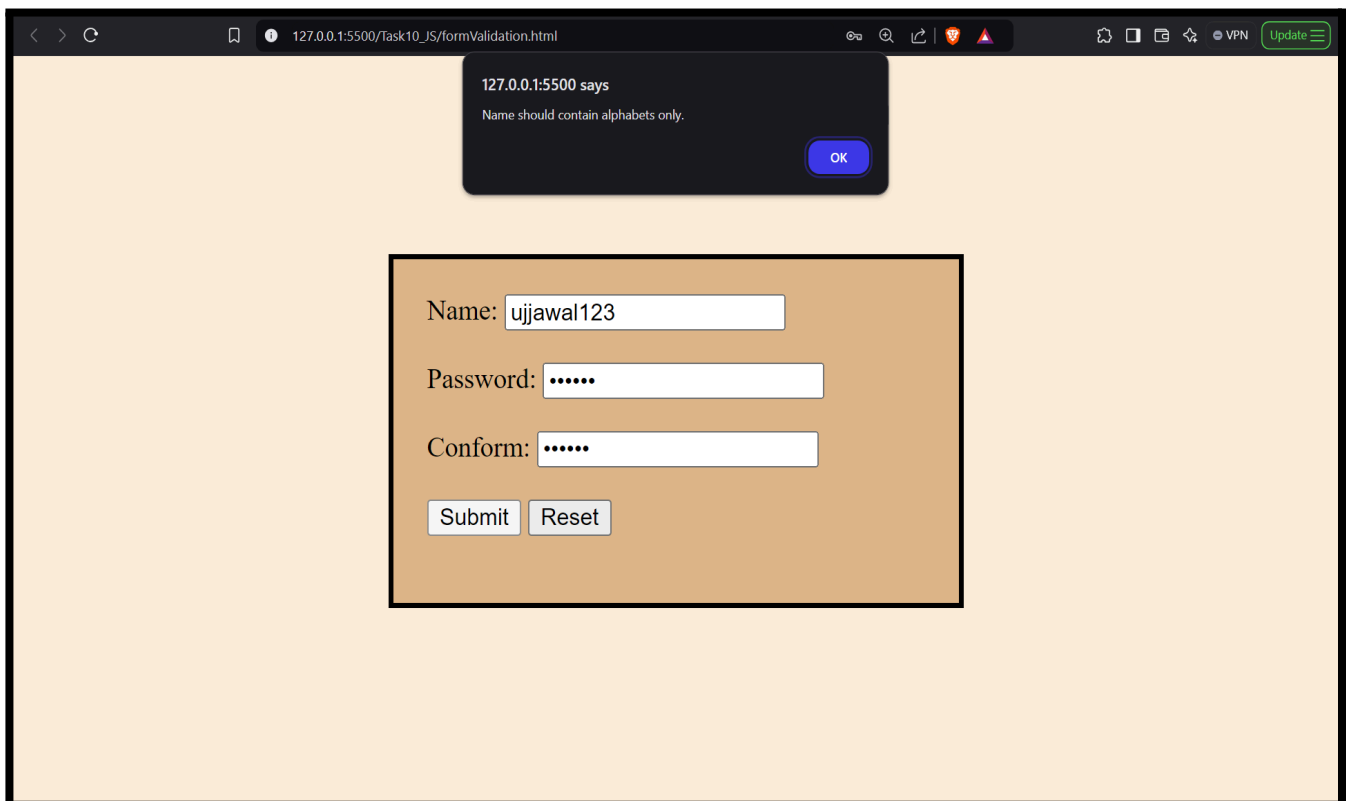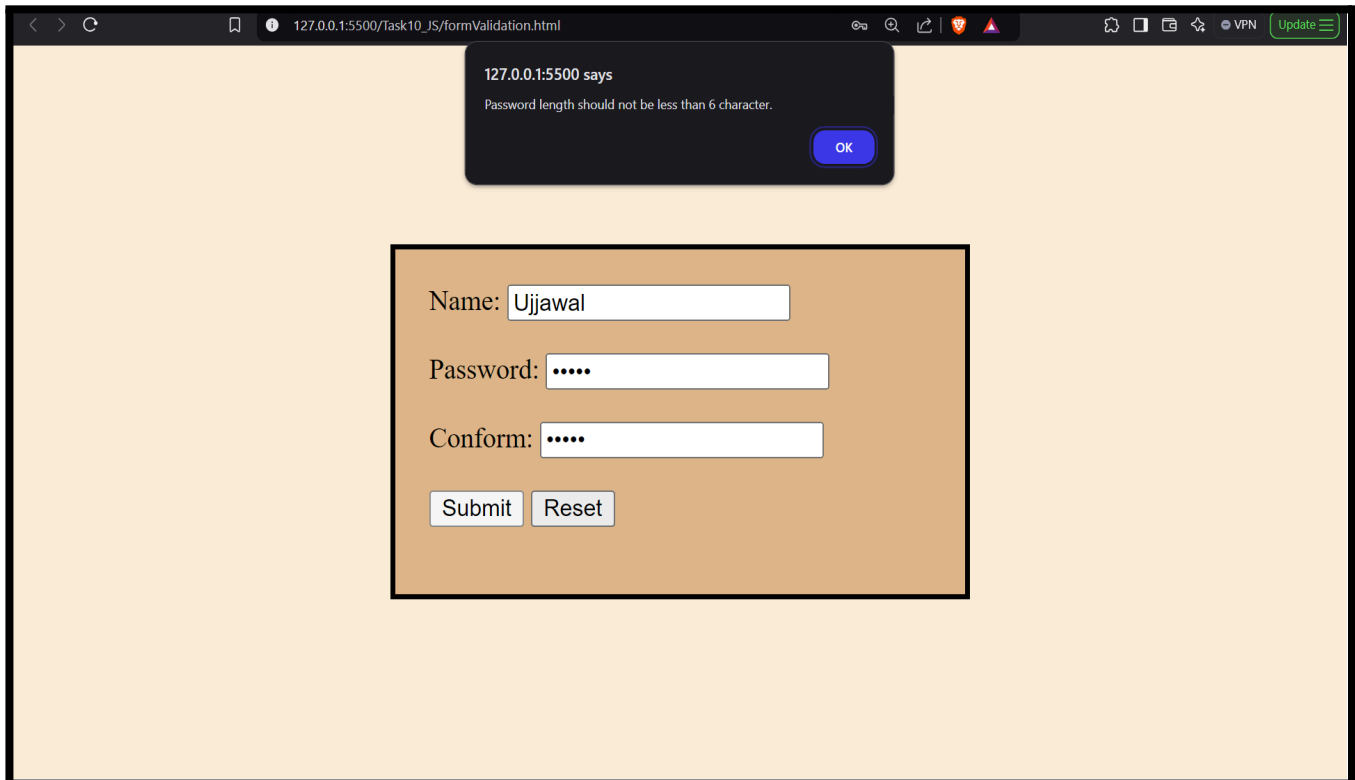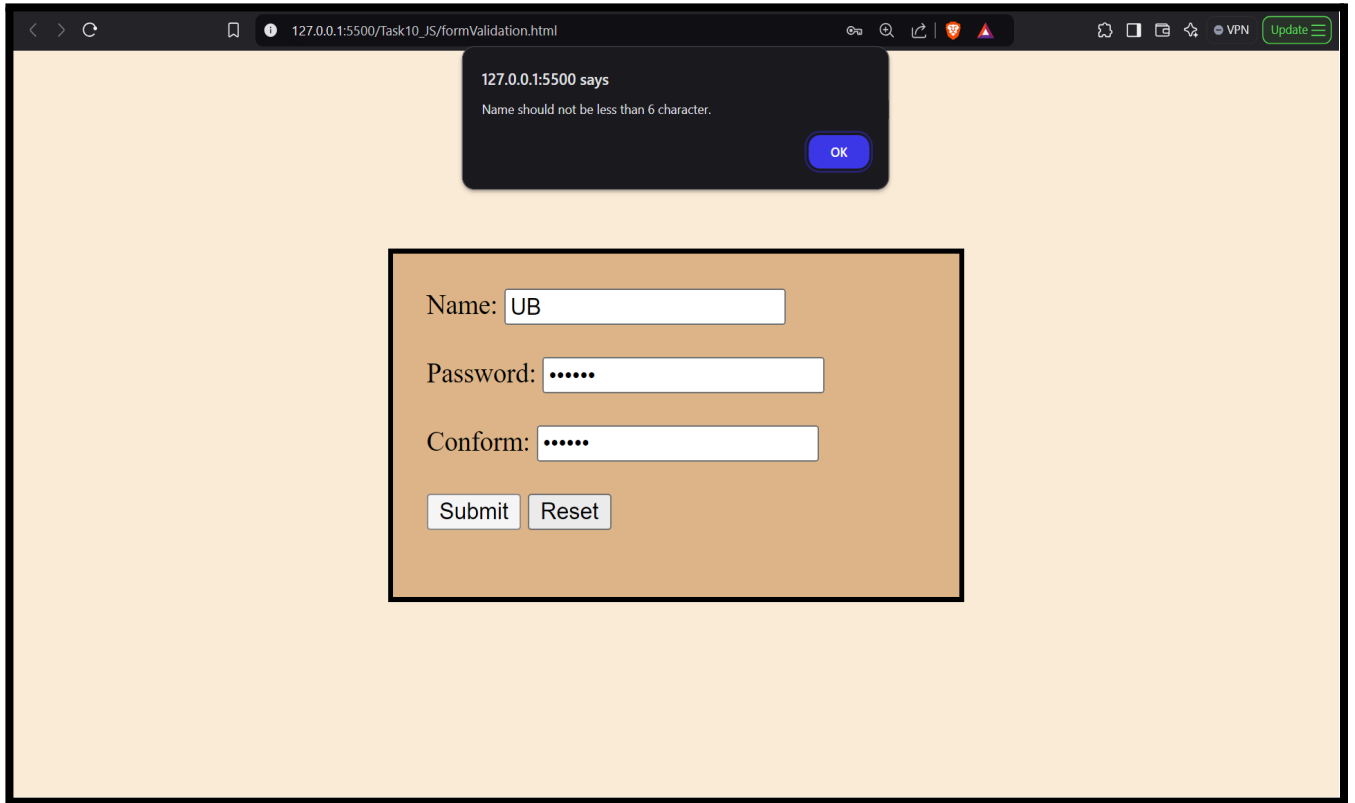
Output:-

127.0.0.1:5500 says

Name should not be less than 6 character.

OK

Name: UB

Password: ••••••

Conform: ••••••

Submit   Reset

127.0.0.1:5500 says

Password length should not be less than 6 character.

OK

Name: Ujjawal

Password: •••••

Conform: •••••

Submit   Reset

EXPERIMENT 11- JAVASCRIPT VALIDATION-2

Source Code:--

```html
<!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;
```

```javascript
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
```

```html
                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:-