20BDS0181

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Lab Activity 18/01/2023

Form HTML

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="prod.css">
    <script src="formValidate18012023.js"></script>
    <title>Form Validation</title>
</head>
<body>
    <form action="#" name="FormVal" onsubmit="return validate()">
        <fieldset>
            <legend>Subscription</Form></legend>
            <label for="name">Name:</label>
            <input type="text" name = "username">
            <br>
            <label for="email">Email:</label>
            <input type="text" name="email" placeholder="abc@gmail.com">
            <br>
            <label for="password">Password:</label>
            <input type="password" id="password">
            <br>
            <label for="cpassword">Confirm Password:</label>
            <input type="cpassword" id="cpassword">
            <br>
            <label for="phone">Phone No:</label>
            <input type="text" name="phone" placeholder="+91 12345 67890">
            <br>
            <input type="submit" name="sub" id="sub" value="submit">
            <br>
        </fieldset>
    </form>
</body>
</html>
```

Javascript Validation

```javascript
function validate(){
    var pass = document.getElementById("password").value;
    var cpass = document.getElementById("cpassword").value;
    var namef = /^[A-Za-z]{1,25}$/;
```

```javascript
    if(document.FormVal.username.value == "" ||
document.FormVal.username.value.match(namef)){
        alert("Enter your name");
        document.FormVal.username.focus();
        return false;
    }
    var mailformat = /^[A-Za-z0-9.!#$%&'*+/=?^_`{|}~-]+@[A-Za-z]+\.[a-zA-
Z]+$/;
    if(!document.FormVal.email.value.match(mailformat)){
        alert("Enter correct email");
        return false;
    }
    var paasf = /^[A-Z](?=.*[a-z])$/;
    if(document.FormVal.password.value==""){
        alert("Enter Password");
        return false;
    }
    if(document.FormVal.cpassword.value==""){
        alert("Confirm your Password");
        return false;
    }
    if(pass!=cpass){
        alert("Password doesn't match");
        return false;
    }
    var phoformat = /^(\+[0-9]{2,3}[ ])?[0-9]{5}[ ][0-9]{5}$/;
    if(!document.FormVal.phone.value.match(phoformat)){
        alert("Wrong phone number");
        return false;
    }
}
```