

Lab 6

R. Harini

18BCE1010

Prof. Sandhya P

Code:

```
<html>
  <head>
    <title>Bike Registration</title>
    <script>
      function check(){
        var n=/^[A-Z][a-z]/;
        var name=document.getElementById("name").value;
        if (!n.test(name)){
          alert("Enter a valid name");
        }
        var m=/^[1-9]{3}[0-9]{7}$/;
        var mob=document.getElementById("mob").value;
        if (!m.test(mob)){
          alert("Enter a valid mobile number");
        }
        var a=/^[0-9]{12}$/;
        var aad=document.getElementById("aad").value;
        if (!a.test(aad)){
          alert("Enter a valid aadhar number");
        }
        var p=/^[A-Z]{5}[0-9]{4}[A-Z]$/;
        var pan=document.getElementById("pan").value;
        if (!p.test(pan)){
          alert("Enter a valid PAN Number");
        }
        if(!ValidCaptcha()){
          alert("Incorrect Captcha");
        }
        var z=/^[0-9]{5}$/;
        var zip=document.getElementById("zip").value;
        if (!z.test(zip)){
          alert("Enter a valid zip code");
        }
        var e=/^[a-z]+([a-z]|[0-9]|_|.)*@gmail.com/;
        var email=document.getElementById("email").value;
        if (!e.test(email)){
```

```

        alert("Enter a valid email ID");
    }
    var c=/^(^4[0-9]{12})|(^5[0-9]{15})|(^3(4|7)[0-9]{13})|(^6[0-9]{15})|(^3(0|6|8)[0-9]{12})/;
    var cc=document.getElementById("cc").value;
    if (!c.test(cc)){
        alert("Enter a valid Credit Card syntax");
    }
}
function Captcha(){
    var alpha = new Array('A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z','a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z');

    var i;
    for (i=0;i<6;i++){
        var a = alpha[Math.floor(Math.random() * alpha.length)]
;
        var b = alpha[Math.floor(Math.random() * alpha.length)]
;
        var c = alpha[Math.floor(Math.random() * alpha.length)]
;
        var d = alpha[Math.floor(Math.random() * alpha.length)]
;
        var e = alpha[Math.floor(Math.random() * alpha.length)]
;
        var f = alpha[Math.floor(Math.random() * alpha.length)]
;
        var g = alpha[Math.floor(Math.random() * alpha.length)]
;
    }
    var code = a + ' ' + b + ' ' + ' ' + c + ' ' + d + ' ' + e
+ ' ' + f + ' ' + g;
    document.getElementById("cap").value = code
}
function ValidCaptcha(){
    var string1 = removeSpaces(document.getElementById('cap'
).value);
    var string2 = removeSpaces(document.getElementById('txt'
).value);

    if (string1 == string2){
        return true;
    }
    else{
        return false;
    }
}
function removeSpaces(string){

```

```

        return string.split(' ').join('');
    }

</script>
</head>
<body onload="Captcha()">
    <h1><center>Bike Purchase</center></h1>
    <form name="Reg">
        <b>Name of the Customer:<br><input type="text" id="name" >
        <br><br>
        Mobile number:<br><input type="number" id="mob">
        <br><br>
        Aadhar No.:<br><input type="number" id="aad">
        <br><br>
        PAN No.:<br><input type="text" id="pan">
        <br><br>
        Captcha:<br><input type="text" id="cap">
        <input type="button" id="refresh" value="Refresh" onclick="Captcha
    ()">

        <br>
        <br><input type="text" id="txt">
        <br><br>
        ZIP Code:<br><input type="number" id="zip">
        <br><br>
        Email:<br><input type="email" id="email">
        <br><br>
        Credit Card: <br><input type="number" id="cc">
        <br><br>
        </b>
    </form>
    <input type="button" value="Submit" onclick="check()">
</body>
</html>

```

Screenshots:

Bike Registration

file:///C:/Code/IWP_Lab/Lab6/Lab6_18BCE1010.html

Bike Purchase

Name of the Customer:

Mobile number:

Aadhar No.:

PAN No.:

Captcha:

ZIP Code:

Email:

Credit Card:

Bike Registration

file:///C:/Code/IWP_Lab/Lab6/Lab6_18BCE1010.html

Bike Purchase

Name of the Customer:

Harini

Mobile number:

9731559220

Aadhar No.:

123456789012

PAN No.:

A43

Captcha:

rX nlfun

Refresh

rX nlfun

ZIP Code:

12345

Email:

h@gmail.com

Credit Card:

4123456789012

Submit

This site says...

Enter a valid PAN Number

OK