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REGISTRATION NUMBER – 17BIT0055

SUBJECT – WEB TECHNOLOGIES

SLOT – D1

FACULTY- VANITHA.M

STUDENT REGISTRATION VALIDATION FORM USING HTML , CSS , JAVASCRIPT

QUESTION 1).
Create any real time application webpage for Login and Registration. All the data entered by the user in the registration form must be validated using the regular expression

CODE-

```html
<html>
<head>
    <title>Student Registration Form</title>
    <script type="text/javascript" src="validate.js"></script>
 <style> a:link {      color:
green;       background-color:
transparent;        text-
decoration: none;      padding:
15px 25px;    text-align: center;
text-decoration: underline;
display: inline-block;
  }
  a:visited {      color:red;
background-color: transparent;
text-decoration: none;
padding: 15px 25px;    text-align:
center;/
```

```css
    text-decoration: underline;
display: inline-block;
    }        a:hover {
color:blue;      background-color:
transparent;     text-decoration:
underline;     background-color:
#f44336;      padding: 15px 25px;
text-align: center;    text-
decoration: underline;   display:
inline-block;
    }        a:active {       color:
yellow;     background-color:
transparent;      text-decoration:
underline;      text-align:
center;
    }   body{       background:
image 7png;
}

.button {    padding: 15px
25px;    font-size: 24px;
text-align: center;
cursor: pointer;    outline:
none;    color: #fff;
background-color: #4CAF50;
border: none;    border-
radius: 15px;    box-shadow:
0 9px #999;
}

.button:hover {background-color: #3e8e41}

.button:active {    background-
color: #3e8e41;    box-shadow: 0
5px #666;    transform:
translateY(4px);
}

</style>
```

```
<script>
function validate()

        {



      var t=/^[(a-zA-Z)]+$/;  // name        var
t=/^(?:m|M|male|Male|f|F|female|Female)$/; // sex         var t=/^([a-zA-
Z]+|[a-zA-Z]+\s[a-zA-Z]+)$/; // city         var t=/^([a-zA-Z]+|[a-zA-
Z]+\s[a-zA-Z]+)$/; // district       var t=/^([a-zA-Z]+|[a-zA-Z]+\s[a-zA-
Z]+)$/; // state       var t=/^[a-zA-Z0-9.!#$%&'*+=?^_`{|}~-]+@[a-zA-Z0-9-
]+(?:\.[a-zA-Z0-9-
]+)*$/; // email addess       var t=/^([7-9])([0-
9]){9}$/; // mobile number
         var    c=0;                                              if(
t.test(document.StudentRegistration.studentname.value) )
         {                          alert(
"Please provide your Name!" );
         document.StudentRegistration.studentname.value.focus()
;          return false;              c=c+1;
         }



      if( t.test(document.StudentRegistration.personaladdress.value)
)
         {
         alert( "Please provide your Personal Address!" );
document.StudentRegistration.personaladdress.focus() ;
return false;

         c=c+1;

         }
```

```javascript
            if (t.test ( StudentRegistration.sex[0].checked == false ) && (
StudentRegistration.sex[1].checked  ) )
            {                           alert ( "Please choose your
Gender: Male or Female" );              return false;


c=c+1;


            }



            if(t.test( document.StudentRegistration.City.value) == "-1" )
{


c=c+1;
            alert( "Please provide your City!" );
document.StudentRegistration.City.focus() ;
return false;
            }                         if(
t.test(document.StudentRegistration.District.valu) == "-1" )              {


c=c+1;
            alert( "Please provide your Select District!" );


return false;
            }



            if( t.test(document.StudentRegistration.State.value) == "-1" )
{

             c=c+1;
              alert( "Please provide your Select State!" );

              return false;
            }                      var email =
document.StudentRegistration.emailid.value;            atpos =
email.indexOf("@");          dotpos = email.lastIndexOf(".");
```

```javascript
          if (t.test(email == "" || atpos < 1) || ( dotpos - atpos < 2 ))
{

c=c+1;
              alert("Please enter correct email ID")
document.StudentRegistration.emailid.focus() ;
return false;
          }



          if( t.test(document.StudentRegistration.dob.value)  )
           {
c=c+1;
              alert( "Please provide your DOB!" );
document.StudentRegistration.dob.focus() ;
return false;
           }




          if( t.test(document.StudentRegistration.mobileno.value) == "" ||
isNaN( document.StudentRegistration.mobileno.value) ||
document.StudentRegistration.mobileno.value.length != 10 )           {

c=c+1;
              alert( "Please provide a Mobile No in the format 123."
);       document.StudentRegistration.mobileno.focus() ;
return false;
           }


          else              {              alert("
VALIDATION SUCCESSFULL!!    ");             return
true;
           }
```

```html
        }



    </script>
</head>



<body background="7.png">

<h1 style="text-align: center "> <b> STUDENT REGISTRATION FORM <b> </h1>



<form action="student.php"  method="GET" name="StudentRegistration"
onsubmit="return(validate());">

    <table cellpadding="10" width="30%" height="40%"  align="center"
cellspacing="20">

        <tr>
            <td colspan=20>
            <center style="color:#f44336"><font size=6><b> SIGNUP
</b></font></center>
            </td>
        </tr>

        <tr>

          <td> NAME </td>
            <td><input type="text"  name ="studentname "id="studentname"
pattern="^[(a-zA-Z)]+$" >

            </td>
        </tr>

        <tr>
            <td>Personal Address</td>
            <td><input type="text"  name="personaladdress"id="personaladdress"
size="30" >
            </td>
        </tr>

        <tr>
            <td>Sex</td>
```

```
<td>



<td>
```

```html
                <input type="radio" name="sex" value="male" size="10"
pattern="^(?:m|M|male|Male|f|F|female|Female)$">Male
                <input type="radio" name="sex" value="Female" size="10"
pattern="^(?:m|M|male|Male|f|F|female|Female)$">Female


        </td>
    </tr>

    <tr>
    <td>City</td>
        <td>

        <select name="City" pattern="^([a-zA-Z]+|[a-zA-Z]+\s[a-zA-Z]+)$">
            <option value="-1" selected>select..</option>
            <option value="New Delhi">NEW DELHI</option>
            <option value="Mumbai">MUMBAI</option>
            <option value="Goa">GOA</option>
            <option value="Patna">PATNA</option>
        </select></td>
    </tr>

    <tr>
        <td>District</td>

        <td><select name="District" pattern="^([a-zA-Z]+|[a-zA-Z]+\s[a-zA-
Z]+)$">

        <option value="-1" selected>select..</option>
        <option value="Nalanda">NALANDA</option>
        <option value="UP">UP</option>
        <option value="Goa">GOA</option>
        <option value="Patna">PATNA</option>
    </select></td>

    </tr>

    <tr>
    <td>State</td>

        <td><select Name="State" pattern="^([a-zA-Z]+|[a-zA-Z]+\s[a-zA-
Z]+)$">

        <option value="-1" selected>select..</option>
        <option value="New Delhi">NEW DELHI</option>
        <option value="Mumbai">MUMBAI</option>
        <option value="Goa">GOA</option>
        <option value="Bihar">BIHAR</option>
```

```html
        </select></td>
    </tr>

    <tr>
        <td>EmailId</td>

        <td><input type="text" name="emailid" id="emailid" size="30"
pattern="^[a-zA-Z0-9.!#$%&'*+=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-
9]+)*$"></td>

    </tr>

    <tr>
        <td>DOB</td>
        <td><input type="text" name="dob" id="dob" size="30" ></td>
    </tr>

    <tr>
        <td>MobileNo</td>

        <td><input type="text" name="mobileno" id="mobileno"
size="30" pattern="^([7-9])([0-9]){9}$"></td>
    </tr>
    <tr>
        <td>


            <button input type="reset" value="Reset" class="button"
type="button"  onclick="alert('fill the details')">Reset </button>
        </td>
        <td colspan="10">

            <button input type="submit" type="button"  value="Signup"
class="button" onclick="validate()">Signup </button>




        </td>
    </tr>


    </table>
```

```
</form>
```

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

OUTPUT

Blank form

Filling complete credentials with wrong input

STUDENT REGISTRATION FORM

SIGNUP

NAME   3456789

Personal Address   FNNKRF

Sex   ◉ Male ○ Female

City   MUMBAI ∨

District   NALANDA ∨

State   NEW DELHI ∨

EmailId   FNJFJ

DOB   01-06-1999

MobileNo   9493902824

Reset   **Signup**

wrong output due filling wrong credentials
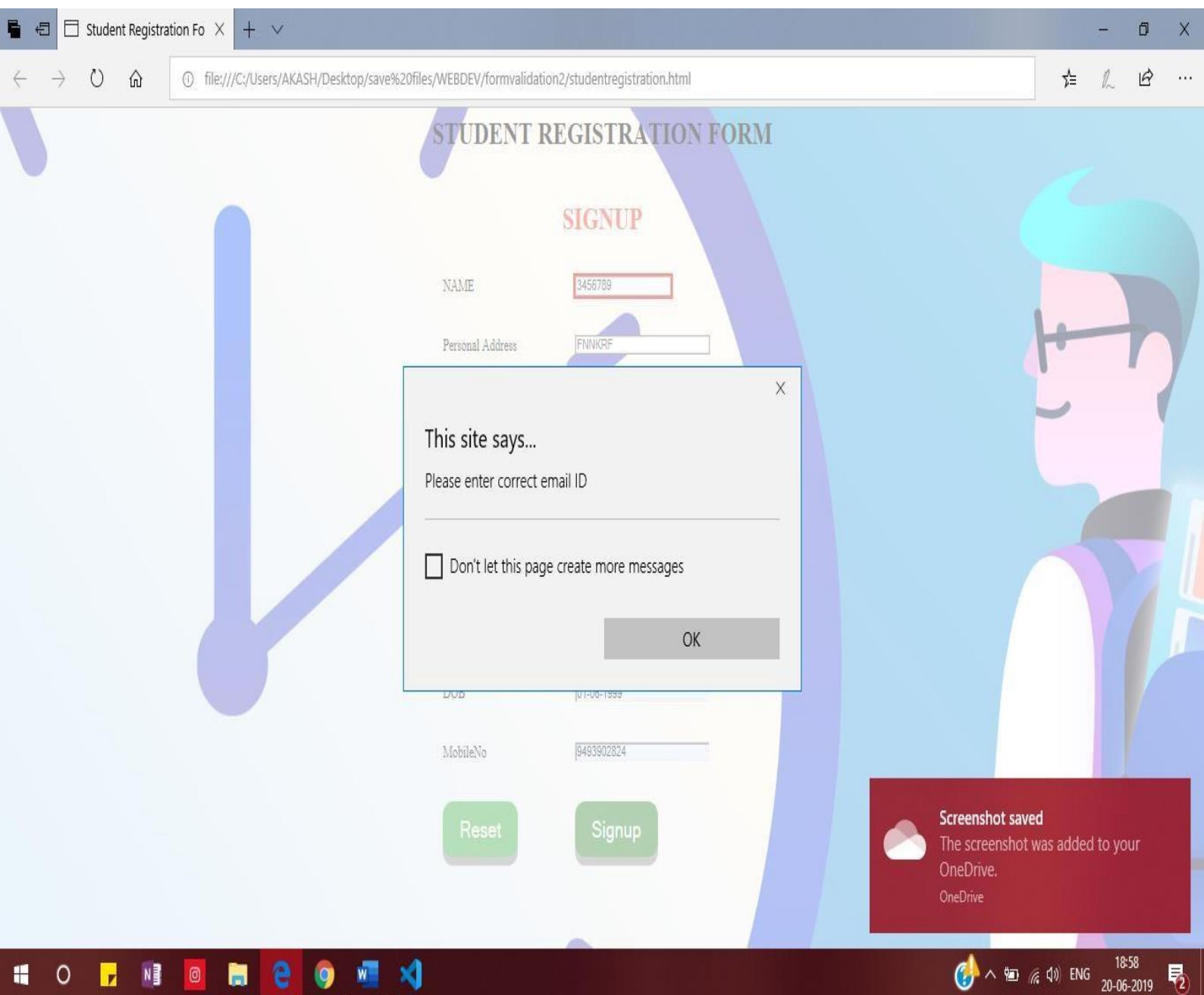
Filling complete credentials with right input

Validation successful