

DA-1

NAME -AKASH KUMAR

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>
<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;}
```

```
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-
    ]+)*$/; // email address
        var t=/^([7-9])([0-9]){9}$/; // 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;

        }

    }

```

```

        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(".");

```

```
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.mobilenumber.value) == "" ||
    isNaN( document.StudentRegistration.mobilenumber.value) ||
    document.StudentRegistration.mobilenumber.value.length != 10 )
{

    c=c+1;

    alert( "Please provide a Mobile No in the format 123." );
    document.StudentRegistration.mobilenumber.focus() ;
    return false;
}
```

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

```

    }

</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>

```

```

                <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>
            </select>
        </td>
    </tr>

```

```

        </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="mobilenno" id="mobilenno" 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

Student Registration Fo X + - Close

file:///C:/Users/AKASH/Desktop/save%20files/WEBDEV/formvalidation2/studentregistration.html

STUDENT REGISTRATION FORM

SIGNUP

NAME

Personal Address

Sex ☐ Male ☐ Female

City


District

State

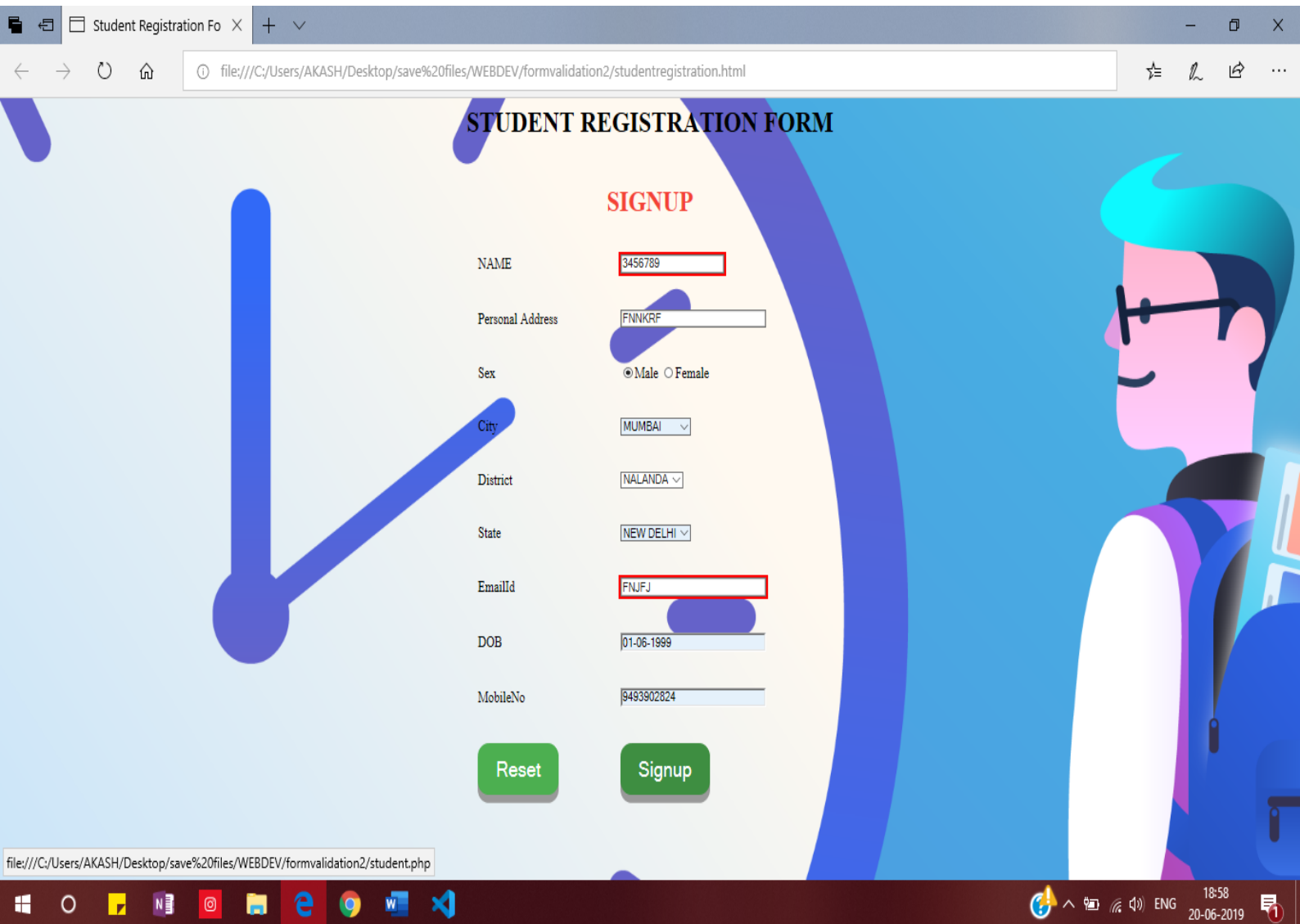
EmailId

DOB

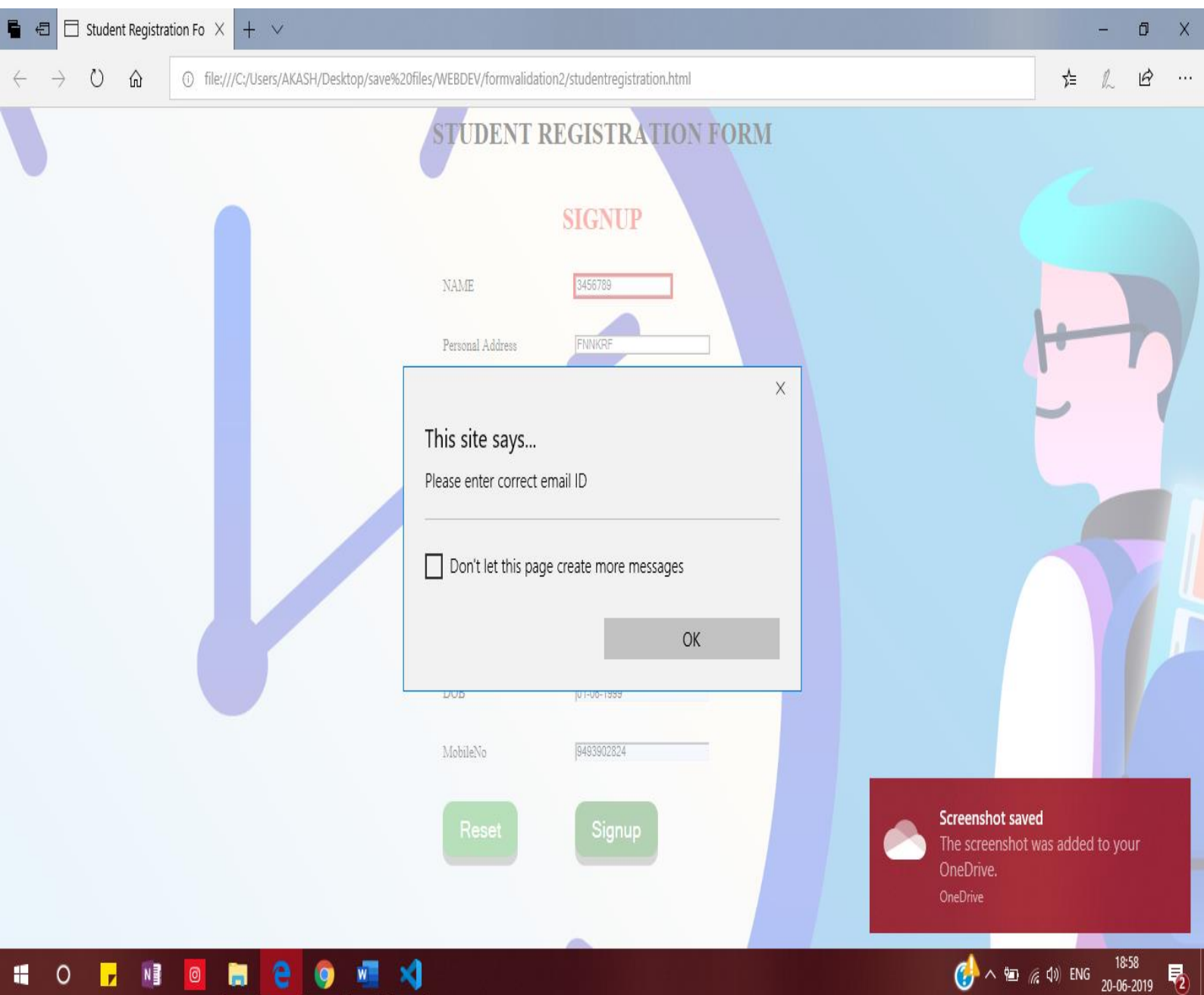
MobileNo



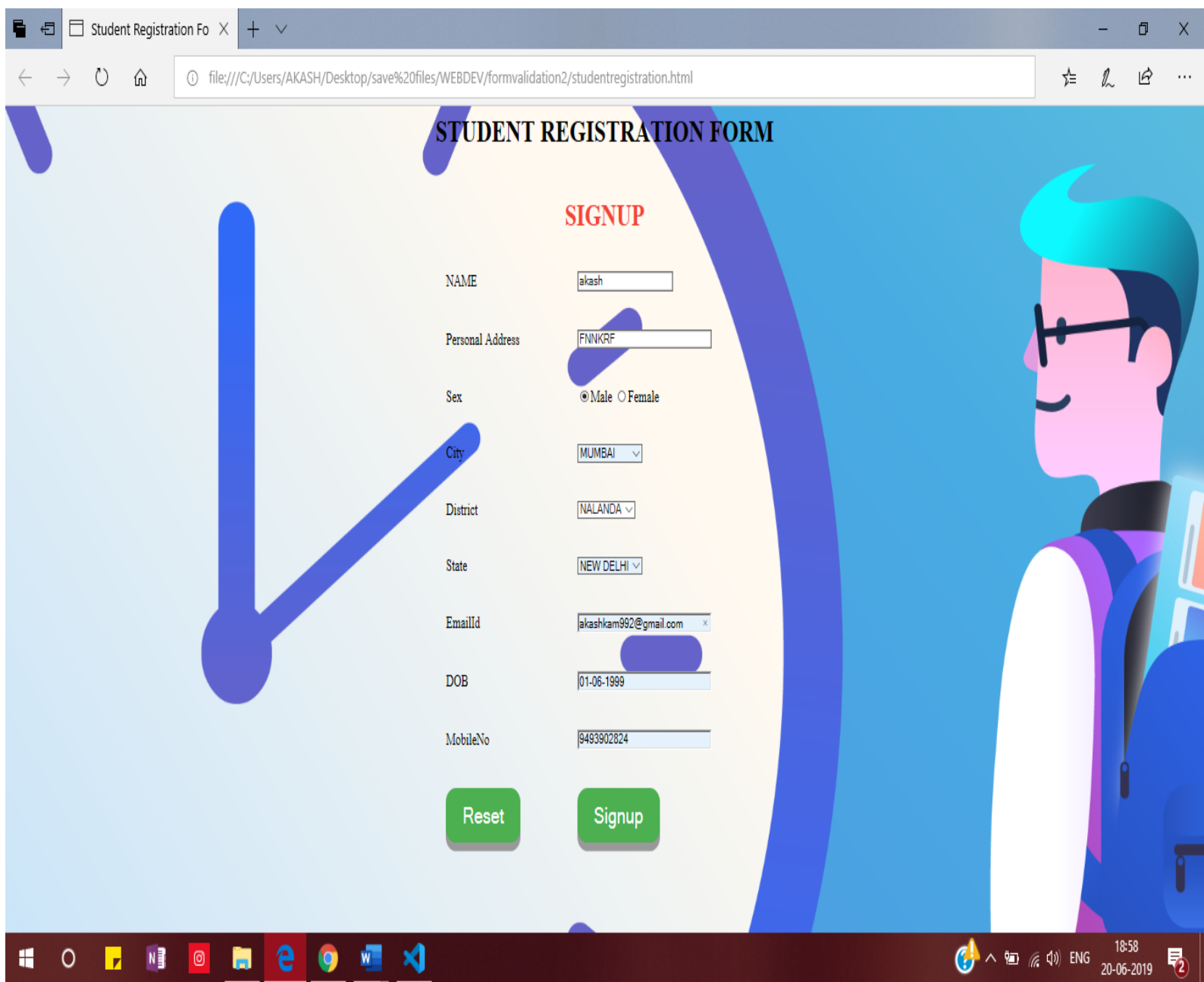
Filling complete credentials with wrong input



wrong output due filling wrong credentials



Filling complete credentials with right input



Validation successful

