PROGRAM: 2

OBJECTIVE: Design HTML form for keeping student record and validate it using Java script.

THEORY:

Forms are used in webpages for the user to enter their required details that are further send it to the server for processing. A form is also known as web form or HTML form. Examples of form use are prevalent in e-commerce websites, online banking, and online surveys etc.

Validating a form:

The data entered into a form needs to be in the right format and certain fields need to be filled in order to effectively use the submitted form. Username, password, contact information are some details that are mandatory in forms and thus need to be provided by the user.

SOURCE CODE:

FORMVALIDATION.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="styles.css"> <script>

    function validate(){
    var username=document.myform.Fname.value;
    var pass1=document.myform.pass.value;
    var pass2=document.myform.repass.value;
    var e=document.myform.email.value;
    var p=document.myform.ph.value;
    var ad=document.myform.Faddress.value;
    var regex1= /^[A-Z a-z]+$/;
    var regex2= /^[A-Z a-z 0-9 ]{8}$/;
    var regex3= /^[A-Z a-z 0-9 ]{8}$/;
    var regex4= /^[A-Z a-z 0-9][A-Z a-z 0-9 . _]*@[A-Z a-z 0-9]+([.][A-Z a-z]+)+$/;
    var regex5= /^[7-9][0-9]{9}$/;
    var regex6= /^[A-Z a-z 0-9]+$/;
    if(!(username.match(regex1))){
       alert("In Valid UserName");
       return false;
    }
    else if(!(pass1.match(regex2))){
       alert("InValid Password");
       return false;
    }
    else if(!(pass2.match(regex3)&&pass1==pass2)){
       alert("Password And repassword must be same");
       return false;
    }
    else if(!(e.match(regex4))){
       alert("InValid Email Id");
       return false;
    }
    else if(!(p.match(regex5))){
       alert("InValid Phone Number");
```
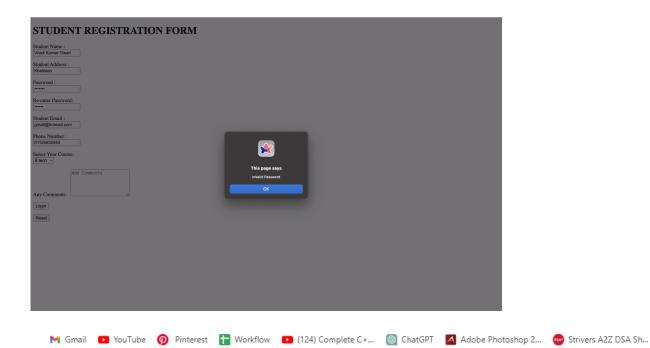
```
      return false;
   }
   else if(!ad.match(regex6)){
      alert("Wrong Adresss!");
      return false;
   }
   else {
      return true;
   }
  }
 </script>
</head>
<Title> Registration Form </Title>
<body>
 <main id="mainholder">
 <h1 id="login header">STUDENT REGISTRATION
 FORM</h1> <div id="login-error-msg-holder">
 <!-- <p id="login-error-msg">Invalid username <span id="error-msg-second-line">and/or
password</span></p> -->
 </div>
 <form name="myform" action="B.html" onsubmit="return validate()" id="login-form">
 Student Name :<br><input type="text" name="Fname" placeholder="Enter User name"><br></p>
<p>Student Address :<br><input type="text" name="Faddress" placeholder="Enter User
Address"><br></p>
 <p>Password :<br> <input type="password" name="pass" placeholder="Enter your
Password"><br></p> <p>Re-enter Password:<br><input type="password" name="repass"
placeholder="Re-enter Password"><br></p>
 <p>Student Email :<br><input type="text" name="email" value="" placeholder="Enter your Email
Id"></p>
 <p>Phone Number :<br><input type="number" name="ph" placeholder="Enter Your Phone
Number"></p>
 Select Your Course:
 <br><select><option>B.tech</option>
 <option>BCA</option>
 <option>MBA</option>
<option>M.Tech</option></select><br><br>
 Any Comments:   <textarea rows="5",cols="10"
placeholder="Add Comments"></textarea>
 <p><input type="Submit" value="Login" id="Login-form-Submit"></p>
 <p> <input type="reset" value="Reset" id="Login-form-reser"></p>
</form>
</body>
</html>
```

OUTPUT:-

STUDENT REGISTRATION FORM

Student Name :
[Vivek Kumar Tiwari]

Student Address :
[Khalistan]

Password :
[••••••]

Re-enter Password:
[•••••]

Student Email :
[gmail@hotmail.com]

Phone Number :
[01125532553]

Select Your Course:
[B.tech ▾]

Any Comments: [Add Comments]

[Login]

[Reset]

STUDENT REGISTRATION FORM

Student Name :
[Vivek Kumar Tiwari]

Student Address :
[Khalistan]

Password :
[••••••]

Re-enter Password:
[•••••]

Student Email :
[gmail@hotmail.com]

Phone Number :
[01125532553]

Select Your Course:
[B.tech ▾]

Any Comments: [Add Comments]

[Login]

[Reset]

This page says

InValid Password

[OK]

Gmail   YouTube   Pinterest   Workflow   (124) Complete C+...   ChatGPT   Adobe Photoshop 2...   Strivers A2Z DSA Sh...

Form Submitted Successfully