

Department of Computer Engineering 01IT0701 – Advance Web Technology – Student Lab Manual

Lab #2(a)

Lab#2(a) Implement JavaScript Validations to the registration form using Event Listener and Events.

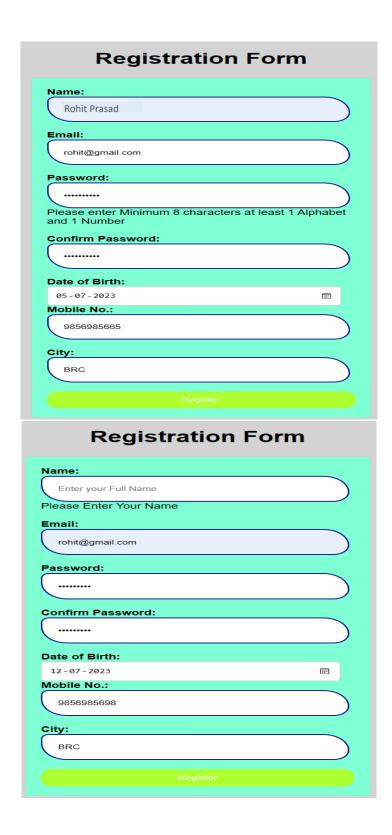
METHODS USED	ATTRIBUTES	DESCRIPTION
	USED	
<script></td><td>TYPE,SRC</td><td>Used for defining a link to an external</td></tr><tr><td></td><td></td><td>javascript document</td></tr><tr><td>document.getElementById("id_name")</td><td></td><td>to get value of the input text</td></tr><tr><td>.innerHTML</td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>document.getElementById("name").value</td><td></td><td>returns the element of specified id.</td></tr><tr><td>test()</td><td></td><td>tests for a match in a string. If it finds a</td></tr><tr><td></td><td></td><td>match, it returns true, otherwise it</td></tr><tr><td></td><td></td><td>returns false.</td></tr><tr><td>onsubmit</td><td></td><td>specifies an event handler function</td></tr><tr><td></td><td></td><td>that is invoked when the user submits</td></tr><tr><td></td><td></td><td>a form by clicking on a Submit button</td></tr><tr><td></td><td></td><td>in the form</td></tr></tbody></table></script>		



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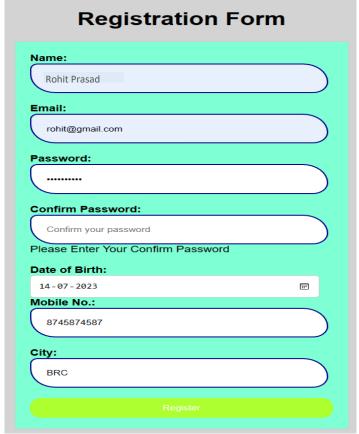
Final Outcome:

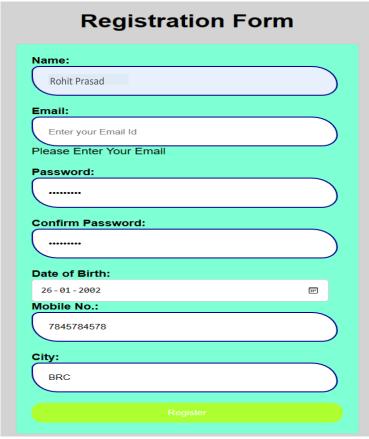




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Code Snippet:

```
function validate() {
  var username = document.getElementById("name").value;
  var email = document.getElementById("email").value;
  var pasword = document.getElementById("password").value;
  var cpasword = document.getElementById("confirm-password").value;
  var number = document.getElementById("tel").value;
  var cit = document.getElementById("city").value;
  // input field is empty or not
  if (username == "") {
    document.getElementById("usr").innerHTML = "Please Enter Your Name";
    return false:
  }
  if (!isNaN(username)) {
    document.getElementById("usr").innerHTML = "Please Enter Characters only";
    return false:
  if (email == "") {
    document.getElementById("eml").innerHTML = "Please Enter Your Email";
    return false;
  }
  var email format = /^[a-z A-Z 0-9 \_.\-]+\@[a-z A-Z]{2,6}[.]{1}[a-z]{2,4}[.]{0,1}[a-z]{0,2}$/;
  if (emailformat.test(email)) {
    document.getElementById("eml").innerHTML = "";
    document.getElementById("eml").innerHTML = "Please Enter correct email format";
    return false;
  if (pasword == "") {
    document.getElementById("pas").innerHTML = "Please Enter Your Password";
    return false;
  var pass = /^{?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/;
  if (pass.test(password)) {
    document.getElementById('pas').innerHTML = "";
  } else {
    document.getElementById('pas').innerHTML = "Please enter Minimum 8 characters at least 1
Alphabet and 1 Number";
    return false;
  if ((pasword.length < 1) || (pasword.length > 12)) {
    document.getElementById("pas").innerHTML = "Please Enter Your Password between 6 to 12
characters";
    return false;
```



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```
if (cpasword == "") {
    document.getElementById("cpas").innerHTML = "Please Enter Your Confirm Password";
   return false:
 if ((cpasword.length < 1) || (cpasword.length > 12)) {
    document.getElementById("cpas").innerHTML = "Please Enter Your Password between 1 to 12
characters":
   return false;
 if (pasword !== cpasword) {
    document.getElementById("cpas").innerHTML = "password is not matched with confirm
password.";
   return false:
 if (number == "") {
    document.getElementById("nm").innerHTML = "Please Enter Your Contact number";
   return false;
 if (isNaN(number)) {
    document.getElementById("nm").innerHTML = "Please Enter Your number only";
   return false;
 if (number.length !== 10) {
    document.getElementById("nm").innerHTML = "Please Enter 10 digit number";
   return false;
 if (cit == "") {
    document.getElementById("ct").innerHTML = "Please Enter Your Ciity";
   return false;
 if (!isNaN(cit)) {
    document.getElementById("ct").innerHTML = "Please Enter Characters only";
   return false;
 }
}
```