

## IT LAB ASSIGNMENT REPORT : 3

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### QUESTION 3:

**Write a JavaScript program to validate properly the fields of the form in the website's registration page such as Implement Exception Handling, a program of Image Rollover, Prompt, Alert, Looping, Validate Email along with Phone Number, using the regular expressions.**

### CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Question No.-3</title>
</head>
<body style="text-align: center" >
<script>
function validate() {
pass = document.getElementById("password").value;
phone = document.getElementById("phone").value;
email = document.getElementById("email").value;

var re =
/^(([^\<>()\\[\]\\.,;:\s@"]+|\.[^\<>()\\[\]\\.,;:\s@"]+)*)(("[.]"|))@((\[[0-9]{1,3}\. [0-9]{1,3}\. [0-9]{1,3}\. [0-9]{1,3}\])|(([a-zA-Z\d-0-9]+\.)+[a-zA-Z]{2,}))$; //For Email

if(!re.test(email)) {
var mail = prompt("Please enter valid email");
document.getElementById("email").value = mail;
}
if(phone.length!=10) {
var ph = prompt("Please enter valid phone number");
document.getElementById("phone").value = ph;
return false;
}

regex = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$; //For password

if (regex.exec(pass) == null) {
var passcode = prompt("Please Enter valid Password");
document.getElementById("password").value = passcode;
return false;
}
else {

alert("valid");
return true;
}
}
</script>
```

```

<a href="second.html"
onMouseOver="document.image1.src='next.png'"
onMouseOut="document.image1.src='2.jpg'">



</a>
<br/>
<br/>
<a href="https://nitdgp.ac.in/">Link to NIT Durgapur's website</a>
<form onsubmit="return validate()" >
<table style="display: inline-block;">
<h2>Registration Form</h2>
<tr>

<td>
<label for="name" >Student's Name</label>
</td>
<td>
<input type="text" id="name" name="name" required/>
</td>
</tr>
<tr>
<td>
<label for="roll" >Roll No</label>
</td>
<td>
<input type="text" id="roll" name="roll" required />
</td>
</tr>
<tr>
<td>
<label for="email" >Email ID</label>
</td>
<td>
<input type="email" id="email" name="email" required />
</td>
</tr>
<tr>
<td>
<label for="password">Password</label>
</td>
<td>
<input type="password" id="password" name="password"
required/>
</td>
</tr>
<tr>
<td>
<label for="phone">Phone</label>
</td>
<td>
<input type="number" id="phone" name="phone" />
</td>
</tr>
</table>
<p>
Gender:
<input type="radio" id="gender" name="gender"
value="Male"/>
<label for="gender">Male</label>
<input type="radio" id="gender" name="gender"
value="Female"/>

```

```
<label for="gender">Female</label>
</p>
<p>
Languages Known:
<input type="checkbox" id="c" name="c" value="C" />
<label for="c">C</label>
<input type="checkbox" id="cpp" name="c++" value="C++" />
<label for="cpp">C++</label>
<input type="checkbox" id="python" name="python"
value="Python" />
<label for="python">Python</label>

</p>

<p>
I agree to all the terms and conditions.
<ol style="display: inline-block;">
<li>My Department is Computer Science and
Engineering.</li>
<li>The data provided by me is true to my knowledge.</li>
</ol>
</p>
<input type="submit" />
<br/>
<input type="reset" />
</form>
<br />
<br />
<br />
</body>
</html>
```

OUTPUT:



[Link to NIT Durgapur's website](#)

## Registration Form

Student's Name	<input type="text"/>
Roll No	<input type="text"/>
Email ID	<input type="text"/>
Password	<input type="password"/>
Phone	<input type="text"/>

Gender: ☐ Male ☐ Female

Languages Known: ☐ C ☐ C++ ☐ Python

I agree to all the terms and conditions.

1. My Department is Computer Science and Engineering.
2. The data provided by me is true to my knowledge.