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Course: CSE3001 Internet and Web programming

Title: Lab 8

Question:

Consider the portal created as part of your project.

- i) Use regular expression to check the data in the form.
- ii) Instead of type as “email “, use “text” type and appropriate regular expression to check the input provided

Code:

Main.html

```
<!DOCTYPE html>
<!--PRIYANSHU VYAS 20BCE1685-->
<html>

<head>
  <title>CONTACT US</title>
  <link rel="stylesheet" href="main.css">
  <link rel="script" href="main.js">
</head>

<body bgcolor="black">
  <header id="header">
    <h1><a class="a" href="form.html" style="color:
black;">CONTACT US</a></h1>
  </header>
  <div class="outerbox">
    <div class="innerbox">
      <p>LEAVE US A MESSAGE</p>
      <hr>
      <div class="MyForm">
        <form onsubmit="return validateForm()">
          <table>
            <tr>
              <td>Your Name</td>
              <td><input type="text" name="name"></td>
```

```

        </tr>
        <tr>
            <td>Your Email</td>
            <td><input type="text" name="email"></td>
        </tr>
        <tr>
            <td>Your Mobile Number</td>
            <td><input type="text" name="no"></td>
        </tr>
        <tr>
            <td>Topic</td>
            <td><select id="topic">
                <option value="none">----- Please
Select -----</option>
                <option
value="feedback">Feedback</option>
                <option
value="question">Question</option>
                <option
value="quotation">Quotation</option>
                <option
value="Others">Others</option>
            </select></td>
        </tr>
        <tr>
            <td>Your Message</td>
            <td><textarea placeholder="Your Message"
name="msg"></textarea></td>
        </tr>
        <tr>
            <td>Enter the code in the box</td>
            <td><input type="text" name="cap">
            </td>
        </tr>
        <tr align="center">
            <td colspan="2"><input type="submit"></td>
        </tr>
    </table>
</form>
</div>
</div>
</div>

```

```
<footer class="footer">
  DEVELOPED BY PRIYANSHU VYAS - 20BCE1685
</footer>
</body>

</html>
```

Main.css

```
.innerbox {
  background-color: white;
  padding: 3%;
}
#header {
  background-color: grey;
  margin: 5%;
  padding: 2%;
  margin-bottom: 0;
}
#header h1 {
  overflow: hidden;
  border-right: .15em solid black;
  white-space: nowrap;
  margin: 0 auto;
  letter-spacing: .15em;
  animation:
    typing 5s steps(40,end),
    blink-caret .75s step-end infinite;
}
@keyframes typing {
  from { width: 0 }
  to { width: 40% }
}
@keyframes blink-caret {
  from, to { border-color: transparent }
  50% { border-color: grey; }
}

.outerbox {
  background-color: grey;
  margin: 5%;
  margin-top: 0;
```

```

        padding: 2%;
    }
    footer {
        margin: 5%;
    }
    .MyForm {
        display: flex;
        justify-content: center;
        padding: 5%;
    }

```

Main.js:

```

function validateForm() {
    var x = document.forms["MyForm"]["name"].value;
    if (x != "^[a-zA-Z]+(([',. -][a-zA-Z ])?[a-zA-Z]*)*$") {
        alert("Name must be in proper format!!");
        return false;
    }
    var y = document.forms["MyForm"]["email"].value;
    if (y != "^[w-.] + @([w-] + .) + [w-]{2,4}$") {
        alert("Email must be in proper format!!");
        return false;
    }
    var z = document.forms["MyForm"]["no"].value;
    if (z != "^[+]?([]?[0-9]{3}[ ])?[-s.]?[0-9]{3}[-s.]?[0-9]{4,6}$") {
        alert("Number must in proper format!!");
        return false;
    }
}

```

Output:

