Experiment No. 09

Name: Prathmesh Bonde
Roll No.: 42115
Class: BE5 P5
Subject: JavaScript

HTML Code:

```html
<!-- Name: Prathmesh Bonde
Roll No.: 42115 -->
<!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" />
    <title>Document</title>
    <style>
        body {
            text-align: center;
        }
    </style>
</head>

<body>
    <hr />
    <h2>Student Information Form</h2>
    <hr />
    <form>
        <div>
            <br />
            <label>Name : </label>
            <input class="form-control" aria-label="Your textarea"
id="st_name" />
        </div>
        <div>
            <br /><label>Roll No: </label>
            <input class="form-control" aria-label="Your textarea"
id="st_roll_no" />
        </div>
        <div>
            <br /><label>Mobile No: </label>
            <input class="form-control" aria-label="Your textarea"
id="st_mobile_no" />
        </div>
        <div>
```

```html
        <br /><label>Email Id: </label>
        <input class="form-control" aria-label="Your textarea"
id="st_email_id" />
    </div>
</form>
<br /><button onclick="submit_form()">Submit</button>
<h4 id="output"></h4>
</body>
<script src="Expt9.js"></script>

</html>
```

JS:

```javascript
// Name: Prathmesh Bonde
// Roll No.: 42115

function submit_form() {
    var regName = /^[a-zA-Z]+ [a-zA-Z]+$/;
    var name = document.getElementById('st_name').value;
    var mobile_no = document.getElementById('st_mobile_no').value;
    var email_id = document.getElementById('st_email_id').value;
    var roll_no = document.getElementById('st_roll_no').value;
    var validations = [];
    var mail_format = /^([a-z0-9_\.\-])+\@(([a-z0-9\-])+\.)+([a-z0-9]{2,4})+$/;
    const name_arr = name.split(' ');

    if (name.length == 0) {
        validations.push('Name is incomplete');
    }
    if (mobile_no.length == 0) {
        validations.push('Mobile no is incomplete');
    }
    if (email_id.length == 0) {
        validations.push('Email ID is incomplete');
    }
    if (roll_no.length == 0) {
        validations.push('Roll no is incomplete');
    }
    if (!regName.test(name)) {
        validations.push(' Name is incorrect');
    }
    if (mobile_no.length != 10) {
        validations.push('Mobile number is incorrect');
    }
    console.log(email_id.match(mail_format));
    if (email_id.match(mail_format)) {
    } else {
```

```javascript
        validations.push('Email id is incorrect');
    }
    if (roll_no < 10000) {
        validations.push('Roll No is incorrect');
    }
    console.log(validations);
    var len = validations.length;
    console.log(len);
    if (len === 0) {
        document.getElementById('output').innerHTML = 'Congraulations!!';
    } else {
        var i = 0;
        var str = '';
        for (i = 0; i < validations.length; i++) {
            str += validations[i] + '<br>';
        }
        document.getElementById('output').innerHTML = str;
    }
}
```

Output:

Student Information Form

Name : Prathmesh bonde

Roll No: 42115

Mobile No: 1234567890

Email Id: abc@gmail.com

Submit

Congraulations!!