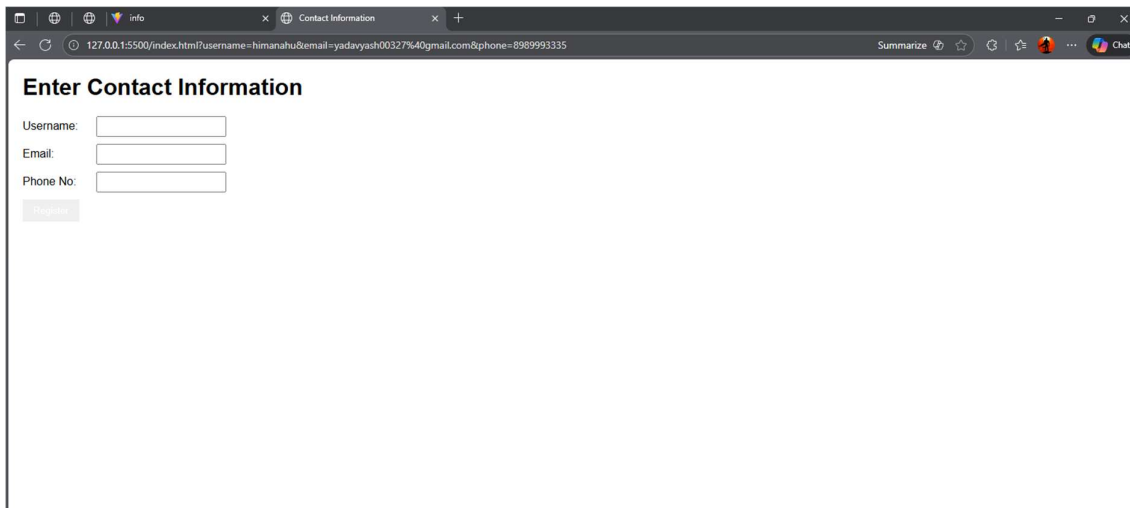


## Web Programming Technologies Module

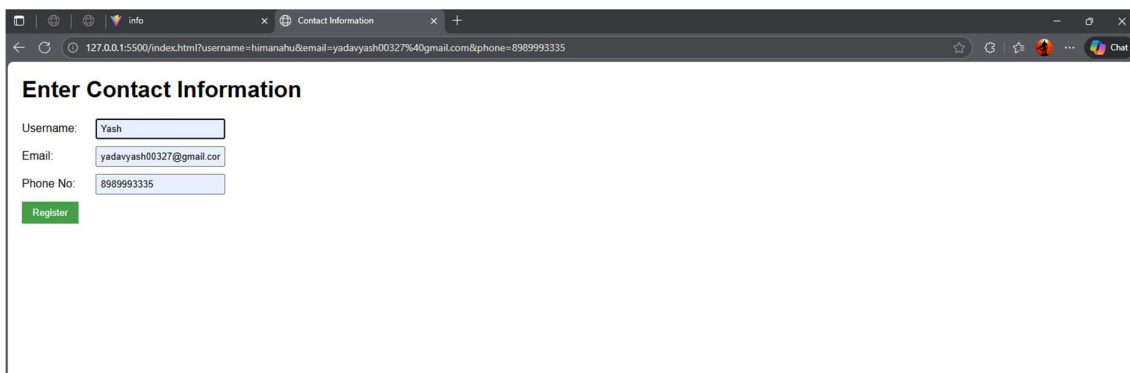


Enter Contact Information

Username:

Email:

Phone No:



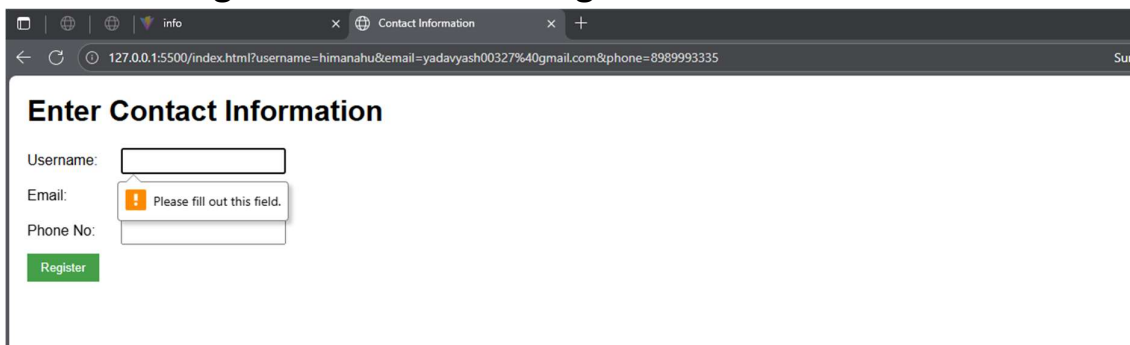
Enter Contact Information

Username:

Email:

Phone No:

### If click on Register without Entering Data



Enter Contact Information

Username:

Email:  ⚠ Please fill out this field.

Phone No:

## Username only alphabahte

127.0.0.1:5500/index.html?username=himanahu&email=yadavyash00327%40gmail.com&phone=8989993

### Enter Contact Information

Username:

Email:

Phone Number:

Please match the requested format.  
Only alphabets allowed

## Email Should valid

127.0.0.1:5500/index.html?username=himanahu&email=yadavyash00327%40gmail.com&phone=8989993335

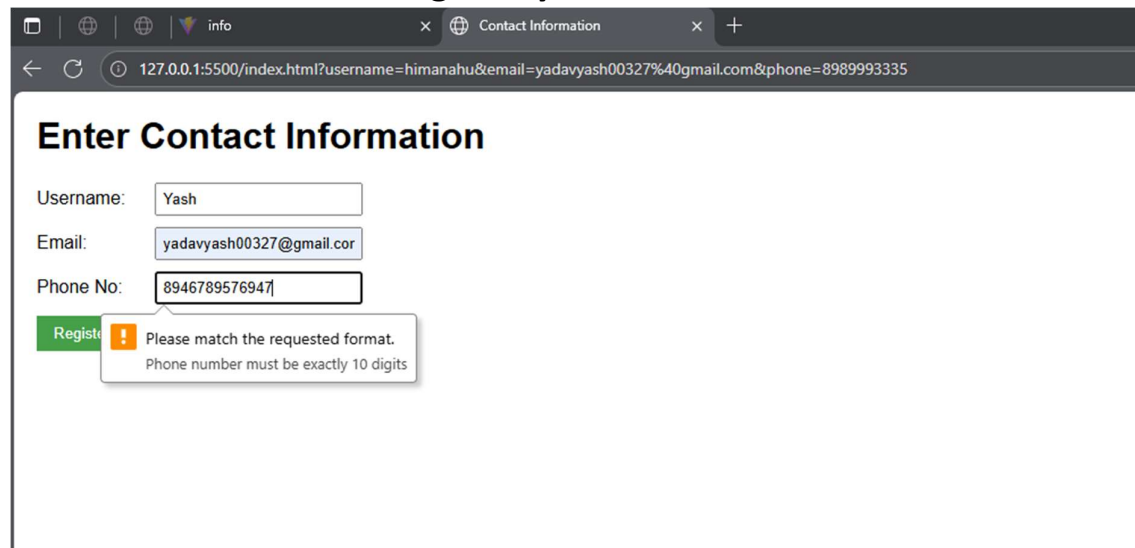
### Enter Contact Information

Username:

Email:

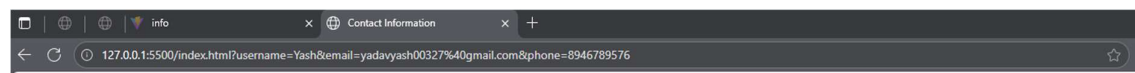
Please include an '@' in the email address. 'Yasldlfjqa' is missing an '@'.

## Numbers Should be 10-digit only

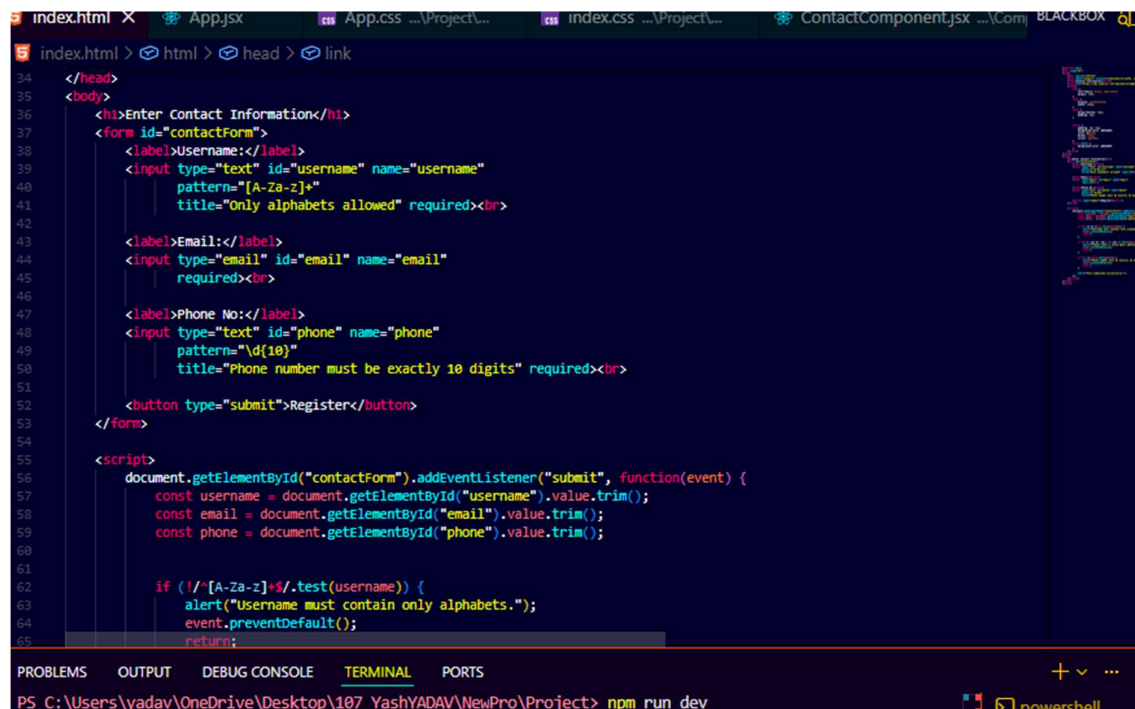


The screenshot shows a web browser window with the address bar displaying `127.0.0.1:5500/index.html?username=himanahu&email=yadavyash00327%40gmail.com&phone=8989993335`. The page title is "Contact Information". The form is titled "Enter Contact Information" and contains three input fields: "Username" with the value "Yash", "Email" with the value "yadavyash00327@gmail.cor", and "Phone No." with the value "8946789576947". A green "Register" button is visible. A validation error message is displayed below the phone number field, stating: "Please match the requested format. Phone number must be exactly 10 digits".

We also Get Data backend of application in url we can fetch it:



## JavascriptCode

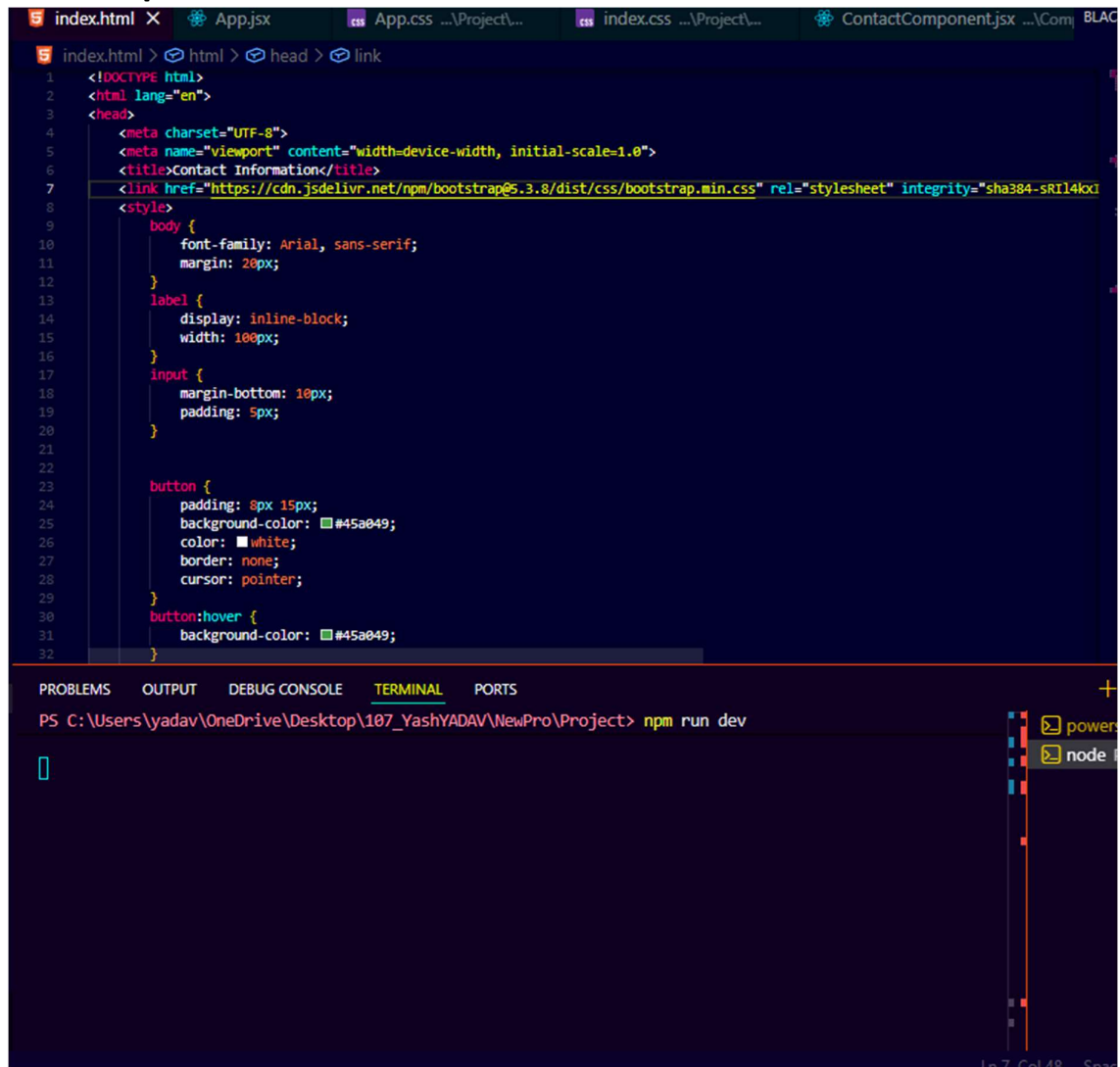


```
index.html X App.jsx App.css ...Project... index.css ...Project... ContactComponent.jsx ...Com BLACKBOX
index.html > html > head > link
34 </head>
35 <body>
36 <h1>Enter Contact Information</h1>
37 <form id="contactForm">
38 <label>Username:</label>
39 <input type="text" id="username" name="username"
40       pattern="[A-Za-z]+"
41       title="Only alphabets allowed" required><br>
42
43 <label>Email:</label>
44 <input type="email" id="email" name="email"
45       required><br>
46
47 <label>Phone No:</label>
48 <input type="text" id="phone" name="phone"
49       pattern="\d{10}"
50       title="Phone number must be exactly 10 digits" required><br>
51
52 <button type="submit">Register</button>
53 </form>
54
55 <script>
56 document.getElementById("contactForm").addEventListener("submit", function(event) {
57   const username = document.getElementById("username").value.trim();
58   const email = document.getElementById("email").value.trim();
59   const phone = document.getElementById("phone").value.trim();
60
61
62   if (!/^[A-Za-z]+$/.test(username)) {
63     alert("Username must contain only alphabets.");
64     event.preventDefault();
65     return;
66   }
67
68   // ... (rest of the code) ...
69
70 </script>
71 </body>
72 </html>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\yadav\OneDrive\Desktop\107 YashYADAV\NewPro\Project> npm run dev

## Node Express Server Run



The image shows a Visual Studio Code editor window with a project named "NewPro". The editor is open to the file "index.html". The code in the file is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Contact Information</title>
7   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-sR14kxi"
8   <style>
9     body {
10       font-family: Arial, sans-serif;
11       margin: 20px;
12     }
13     label {
14       display: inline-block;
15       width: 100px;
16     }
17     input {
18       margin-bottom: 10px;
19       padding: 5px;
20     }
21
22     button {
23       padding: 8px 15px;
24       background-color: #45a049;
25       color: white;
26       border: none;
27       cursor: pointer;
28     }
29     button:hover {
30       background-color: #45a049;
31     }
32
```

The terminal at the bottom of the editor shows the command `npm run dev` being executed in the directory `C:\Users\yadav\OneDrive\Desktop\107_YashYADAV\NewPro\Project`. The terminal output is currently empty, indicating that the server has started successfully but no output has been displayed yet.