

Source Code

Index.html

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
    rel="stylesheet"
    integrity="sha384-T3c6CoIi6uLrA9TneEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
    crossorigin="anonymous">
  <title>Registrasi dan List Pendaftar</title>
</head>

<body>
  <div class="container mt-5">
    <ul class="nav nav-tabs">
      <li class="nav-item">
        <a class="nav-link active" data-toggle="tab" href="#registrasi">Registrasi</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" data-toggle="tab" href="#list-pendaftar">List Pendaftar</a>
      </li>
    </ul>

    <div class="tab-content mt-3">
      <div id="registrasi" class="tab-pane fade show active">
        <form id="registrasi-form">
          <div class="form-group mb-3">
            <label for="nama">Nama:</label>
            <input type="text" class="form-control" id="nama" required>
          </div>
          <div class="form-group mb-3">
            <label for="umur">Umur:</label>
            <input type="number" class="form-control" id="umur" required>
          </div>
          <div class="form-group mb-3">
            <label for="uang-saku">Uang Saku:</label>
            <input type="number" class="form-control" id="uang-saku" min="100000"
              max="1000000" required>
          </div>
          <button type="submit" class="btn btn-primary">Submit</button>
        </form>
      </div>
      <div id="list-pendaftar" class="tab-pane fade">
        <table class="table">
          <thead>
            <tr>
              <th>Nama</th>
              <th>Umur</th>
              <th>Uang Saku</th>
            </tr>
          </thead>
          <tbody id="list-pendaftar-body">
          </tbody>
        </table>
        <button id="reset-button" class="btn btn-danger my-3">Reset</button>
        <table class="table">
          <thead>
            <tr>
              <th>Statistik</th>
              <th>Nilai</th>
            </tr>
          </thead>
          <tbody>
            <tr>
              <td>Rata-rata Umur</td>
              <td><span id="rata-umur"></span></td>
            </tr>
            <tr>
              <td>Rata-rata Uang Saku</td>
              <td><span id="rata-uang-saku"></span></td>
            </tr>
          </tbody>
        </table>
      </div>
    </div>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js">
</script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
    <script src="script.js"></script>
  </body>
</html>

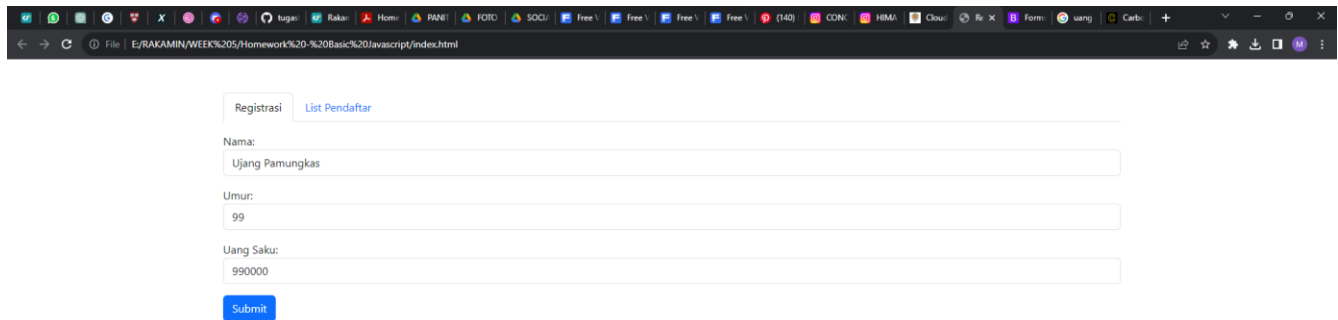
```

Script.js

```
let pendaftar = [];  
  
// Menangani submit form registrasi  
document.getElementById("registrasi-form").addEventListener("submit", function (e) {  
    e.preventDefault();  
  
    // Ambil nilai dari form  
    const nama = document.getElementById("nama").value;  
    const umur = parseInt(document.getElementById("umur").value);  
    const uangSaku = parseInt(document.getElementById("uang-saku").value);  
  
    // Validasi kriteria  
    if (nama.length < 10 || umur < 25 || uangSaku < 100000 || uangSaku > 1000000) {  
        alert("Mohon isi data dengan benar sesuai kriteria.");  
        return;  
    }  
  
    // Tambahkan pendaftar ke dalam array  
    pendaftar.push({ nama, umur, uangSaku });  
  
    // Reset form  
    document.getElementById("nama").value = "";  
    document.getElementById("umur").value = "";  
    document.getElementById("uang-saku").value = "";  
  
    // Hitung rata-rata umur dan uang saku  
    const totalUmur = pendaftar.reduce((sum, p) => sum + p.umur, 0);  
    const totalUangSaku = pendaftar.reduce((sum, p) => sum + p.uangSaku, 0);  
    const rataUmur = totalUmur / pendaftar.length;  
    const rataUangSaku = totalUangSaku / pendaftar.length;  
  
    // Tampilkan rata-rata di tab List Pendaftar  
    document.getElementById("rata-umur").textContent = rataUmur.toFixed(0);  
    document.getElementById("rata-uang-saku").textContent = rataUangSaku.toFixed(0);  
  
    // Tampilkan data pendaftar di tabel  
    const tableBody = document.getElementById("list-pendaftar-body");  
    tableBody.innerHTML = "";  
    pendaftar.forEach((p) => {  
        const row = tableBody.insertRow();  
        row.innerHTML = `<td>${p.nama}</td><td>${p.umur}</td><td>${p.uangSaku}</td>`;  
    });  
});  
  
// Menambahkan event listener untuk tombol Reset  
document.getElementById("reset-button").addEventListener("click", function () {  
    // Mengosongkan daftar pendaftar  
    pendaftar = [];  
  
    // Mereset tampilan tabel dan rata-rata  
    document.getElementById("rata-umur").textContent = "";  
    document.getElementById("rata-uang-saku").textContent = "";  
    document.getElementById("list-pendaftar-body").innerHTML = "";  
});
```

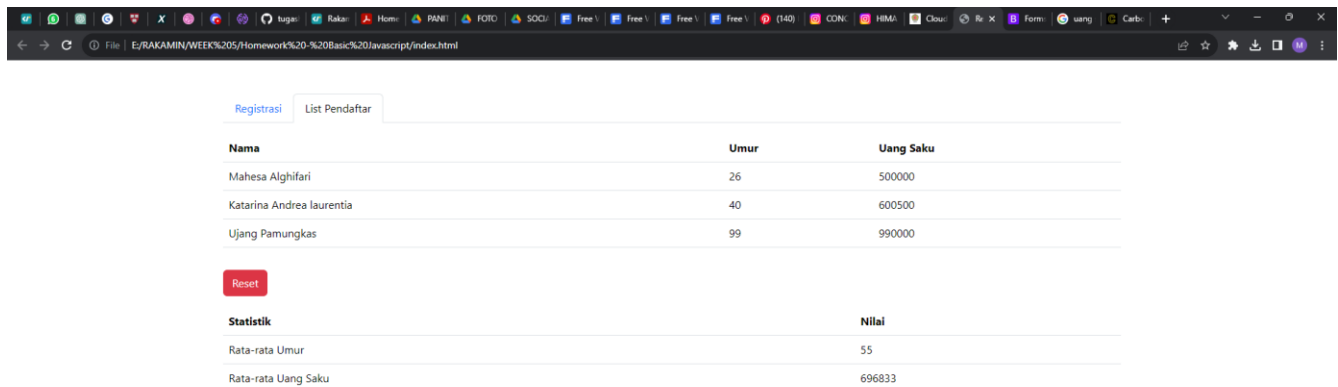
Output

Page Form Registrasi



The screenshot shows a web browser window with the URL `E:\RAKAMIN\WEEK%205\Homework%20-%20Basic%20javascript\index.html`. The page contains a registration form with two tabs: "Registrasi" (active) and "List Pendaftar". The form fields are: "Nama:" with the value "Ujang Pamungkas", "Umur:" with the value "99", and "Uang Saku:" with the value "990000". A blue "Submit" button is at the bottom.

Page List Pendaftar



The screenshot shows the "List Pendaftar" tab of the web application. It displays a table of registrants and a statistics section.

Nama	Umur	Uang Saku
Mahesa Alghifari	26	500000
Katarina Andrea laurentia	40	600500
Ujang Pamungkas	99	990000

Below the table is a red "Reset" button.

Statistik	Nilai
Rata-rata Umur	55
Rata-rata Uang Saku	696833

Pada Page Registrasi

user diwajibkan untuk mengisi form yang disediakan dengan ketentuan

1. Nama minimal 10 karakter
2. Umur minimal 25 tahun
3. Uang saku minimal 100 ribu dan maksimal 1 juta

Pada submit Jika user salah memasukkan data pada form, maka data tidak akan tersimpan dan muncul notifikasi kesalahan, jika benar maka form akan kosong dan data berhasil disimpan

Pada Page List Pendaftar

Terdapat tabel statistik/resume yang berisi Nama, Umur, Uang Saku user yang berhasil tersimpan, dan terdapat Tabel Statistik untuk mengetahui rata-rata umur dan uang saku user

HTTPS :

<https://github.com/MahesaAlghifari/RakaminAcademy.git>

SSH :

<git@github.com:MahesaAlghifari/RakaminAcademy.git>

