Homework - Basic Javascript Basic Javascript

https://github.com/saefulmuminin/oopjavascrip

1. head

2. menampilakn list

```
<a
          class="nav-link active"
          id="registrasi-tab"
          data-toggle="tab"
          href="#registrasi"
          role="tab"
          aria-controls="registrasi"
          aria-selected="true"
          ><i class="fas fa-user-plus"></i>
Registrasi×/a
       class="nav-item">
        <a
          data-bs-toggle="collapse"
          data-bs-target="#collapseExample"
          aria-expanded="false"
          aria-controls="collapseExample"
          class="nav-link"
          id="list-pendaftar-tab"
          data-toggle="tab"
          href="#list-pendaftar"
          role="tab"
          aria-controls="list-pendaftar"
          aria-selected="false"
          ><i class="fas fa-list"></i> List Pendaftar</a</pre>
```

3. tampilan form

```
. .
 <form id="registration-form">
           <div class="mb-3">
             <label for="nama" class="form-label">Nama</label>
               type="text"
               class="form-control"
               id="nama"
               name="nama"
               required
               minlength="10"
           </div>
           <div class="mb-3">
             <label for="umur" class="form-label">Umur</label>
                type="number"
               class="form-control"
               id="umur"
               name="umur"
               min="25"
           </div>
           <div class="mb-3">
             <label for="uang-saku" class="form-label">Uang
Saku</label> <input
                type="number"
               class="form-control"
               id="uang-saku"
               name="uang-saku"
               required
               min="100000"
               max="1000000"
           </div>
           <button type="submit" class="btn btn-primary">
             <i class="fas fa-check"></i> Submit
           </button>
         </form>
```

4. tampilan list pedaftar

5. javasrip

```
.
class Pendaftar {
  constructor(nama, umur, uangSaku) {
    this.nama = nama;
    this.umur = umur;
                 this.uangSaku = uangSaku;
        constructor()
               this.pendaftar = [];
        tambahPendaftar(nama, umur, uangSaku) {
   this.pendaftar.push(new Pendaftar(nama, umur, uangSaku));
       hitungRataRata() {
   if (this.pendaftar.length === 0) {
      return { rataUangSaku: 0, rataUmur: 0 };
               \label{eq:const} $\operatorname{const} \, \operatorname{totalUmur} \, = \, this. \, \operatorname{pendaftar.reduce}((\operatorname{sum}, \, \operatorname{p}) \, \Rightarrow \, \operatorname{sum} \, + \, \operatorname{p.umur}, \, 0); \\ const \, \operatorname{totalUangSaku} \, = \, this. \, \operatorname{pendaftar.reduce}((\operatorname{sum}, \, \operatorname{p}) \, \Rightarrow \, \operatorname{sum} \, + \, \operatorname{p.uangSaku}, \, 0); \\ const \, \operatorname{rataUangSaku} \, = \, \operatorname{totalUangSaku} \, / \, this. \, \operatorname{pendaftar.length}; \\ const \, \operatorname{rataUmur} \, = \, \operatorname{totalUmur} \, / \, this. \, \operatorname{pendaftar.length}; \\ \end{aligned}
               return { rataUangSaku, rataUmur };
const pendaftaran = new Pendaftaran();
\label{local_decomp} \begin{tabular}{ll} document.getElementById('registration-form').addEventListener('submit', function (event) { event.preventDefault(); } \end{tabular}
        const nama = document.getElementById('nama').value;
const umurInput = document.getElementById('umur').value;
const uangSakuInput = document.getElementById('uang-saku').value;
        if (!umurInput.match(/^\d+$/) || umurInput < 25) {
    alert('Umur tidak valid. Silakan periksa kembali.');</pre>
        if (!uangSakuInput watch(^^d+$/) || uangSakuInput < 100000 || uangSakuInput > 1000000)
alert('Uang saku tidak valid. Silakan periksa kembali.');
        if (nama.length < 10) {
   alert('Nama terlalu pendek. Nama harus minimal 10 karakter.');</pre>
        pendaftaran.tambahPendaftar(nama, umur, uangSaku):
        document.getElementById('nama').value =
        document.getElementById('umur').value = '';
document.getElementById('uang-saku').value = '';
        updateListPendaftar();
        const table = document.getElementById('tabel-list-pendaftar');
table.innerHTML = '';
        const { rataUangSaku, rataUmur } = pendaftaran.hitungRataRata();
        \label{lem:document.getElementById('rata-rata-uang-saku').textContent = rataUangSaku.toFixed(2); \\ document.getElementById('rata-rata-umur').textContent = rataUmur.toFixed(2); \\
        pendaftaran.pendaftar.forEach((p) => {
               daftaran.pendaftar.forEach((p) =
const row = table.insertRow();
const cell1 = row.insertCell(0);
const cell2 = row.insertCell(1);
const cell3 = row.insertCell(2);
cell1.textContent = p.nama;
cell2.textContent = p.umur;
cell3.textContent = p.uangSaku;
document.addEventListener("DOMContentLoaded", function () {
    document
        .getElementById("list-pendaftar-tab")
         .addEventListener("click", function () {
            document.getElementById("registrasi").style.display = "none";
            document.getElementById("list-pendaftar").style.display = "block";
    document
        .getElementById("registrasi-tab")
          addEventListener("click", function () {
```