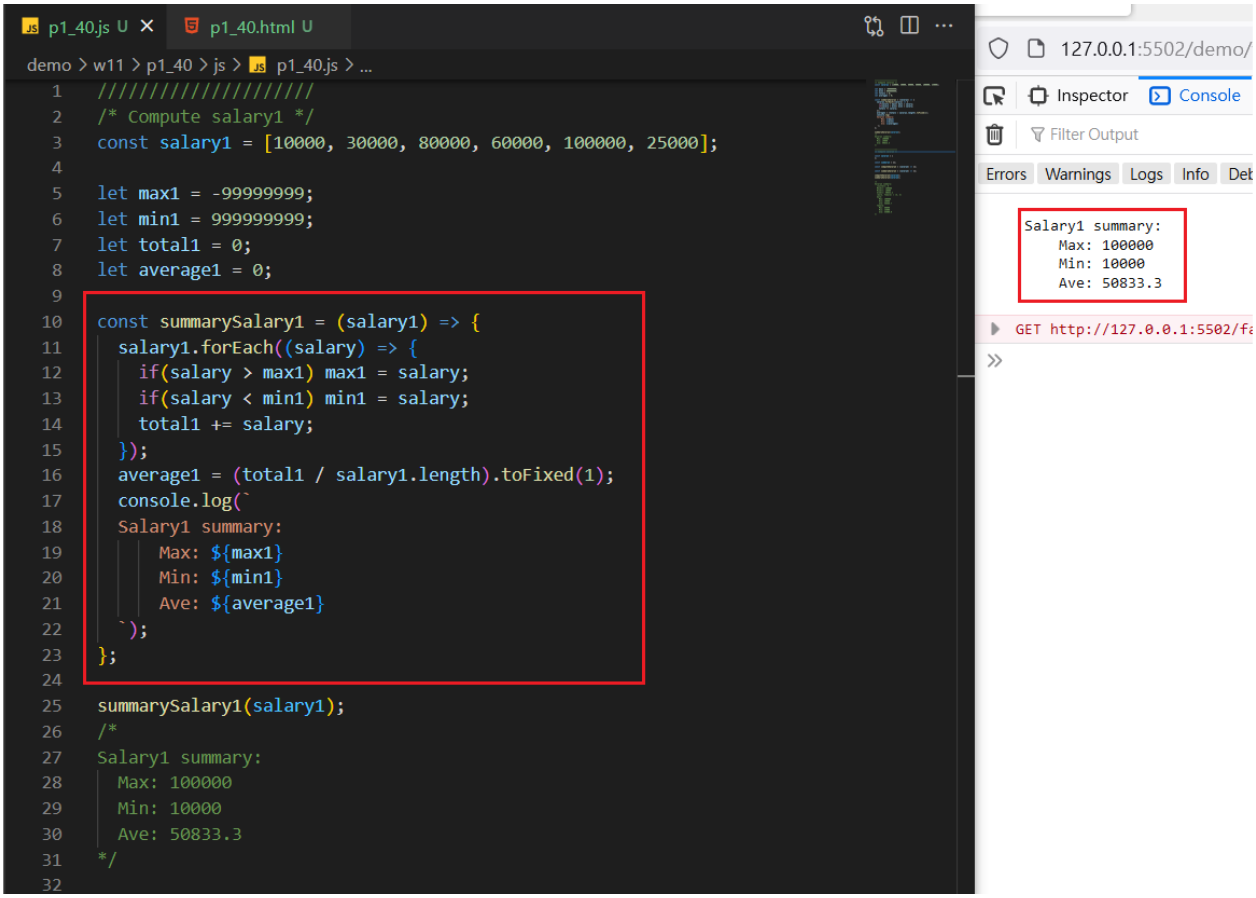
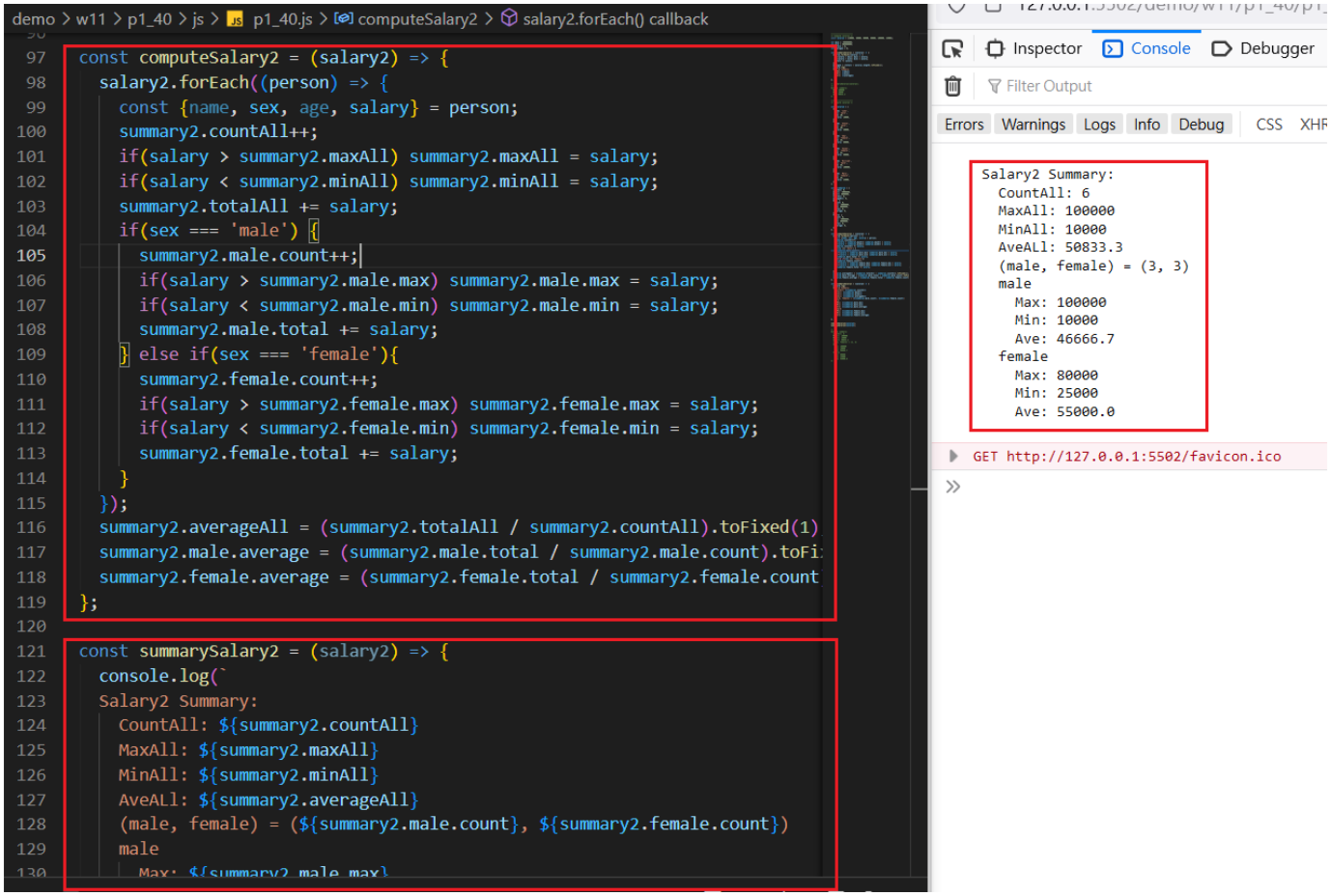
Yuwen Zheng, 211410740

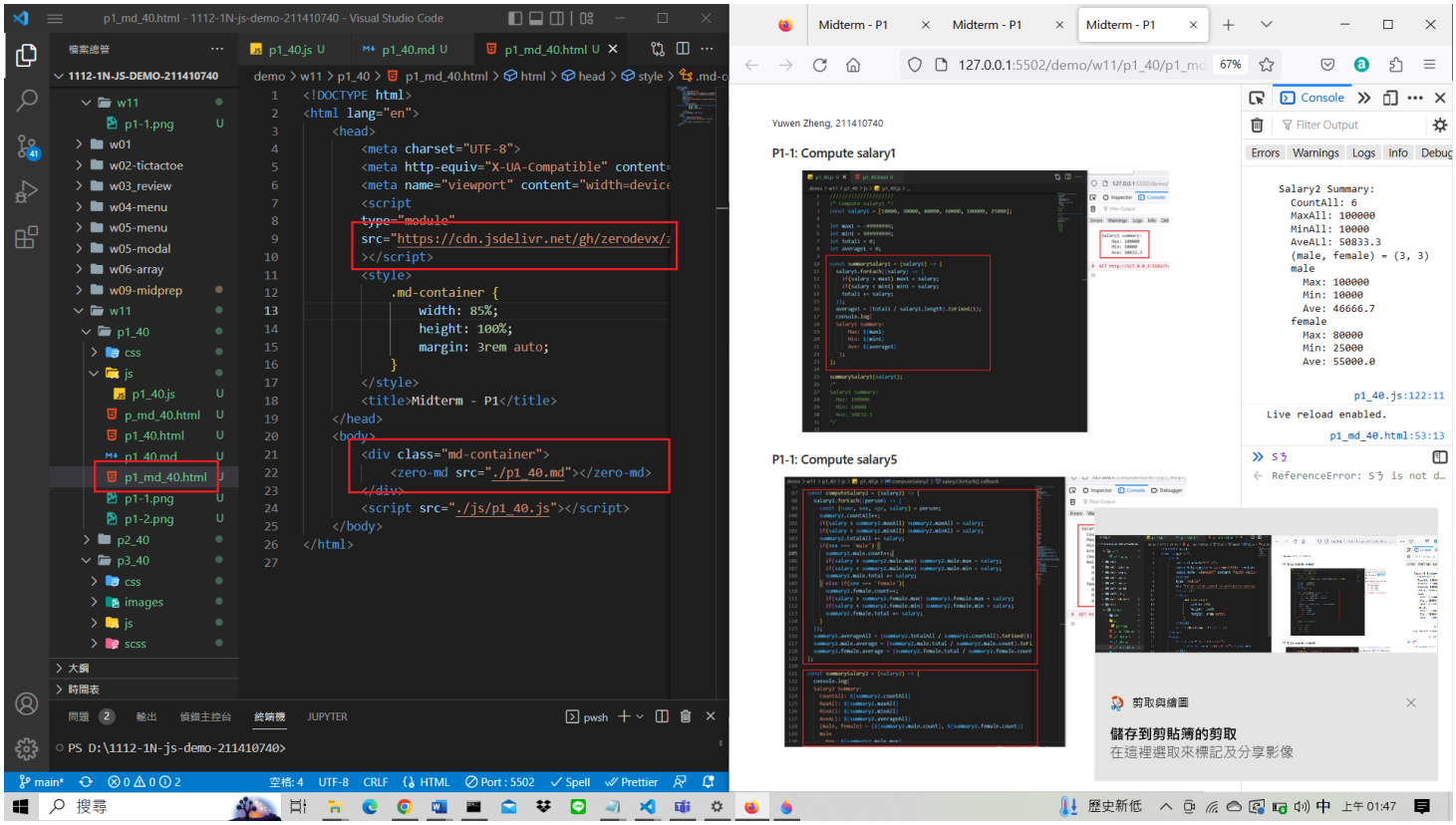
P1-1: Compute salary1



P1-2: Compute salary5

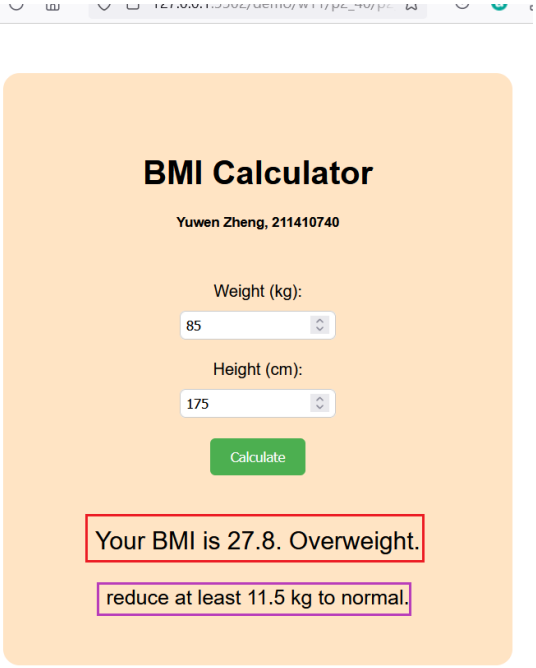


P1-3: Show p1_40.md in p1_md_40.html



P2-1: BMI Calculation

```
demo > w11 > p2_40 > p2_40.js > calculateBMI
12
13  function bmi_normal_high(height) {
14    return 24 * (height/100) * (height/100);
15  }
16
17  function calculateBMI() {
18    const weight = Number(document.querySelector('#weight').value);
19    const height = Number(document.querySelector('#height').value);
20    // console.log(weight, height);
21    const bmi = bmiCalc_40(height, weight);
22    const normal_low = bmi_normal_low(height);
23    const normal_hight = bmi_normal_high(height);
24
25    let status;
26    let suggestion;
27
28    if(bmi < 18.5){
29      status = 'underweight'
30      suggestion = `add at least ${(normal_low - weight).toFixed(1)} kg to normal.`
31    } else if (bmi <= 24) {
32      status = 'normal';
33      suggestion = ``;
34    } else {
35      status = 'Overweight';
36      suggestion = `reduce at least ${(weight - normal_hight).toFixed(1)} kg to normal.`
37    }
38
39
40    bmiResult.innerHTML = `Your BMI is ${bmi.toFixed(1)}. ${status}.`
41    suggest.innerHTML = `${suggestion}`
42  };
43
44  calculateBtn.addEventListener('click', calculateBMI);
45
```



P3: Fetch Products from json array

p3_40.js U | p3_40.html U | p3_theme.html U

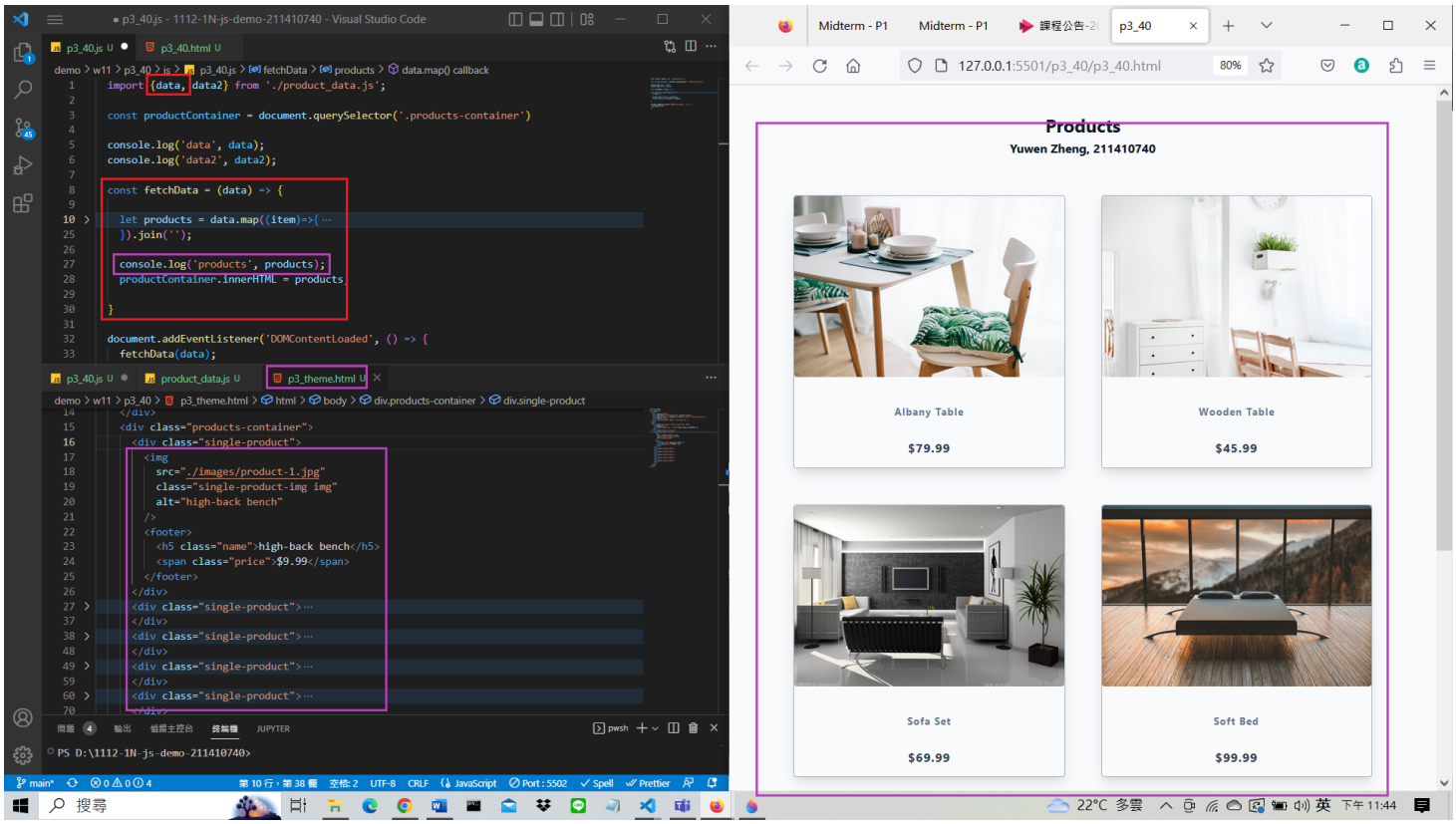
demo > w11 > p3_40 > js > p3_40.js > ...

```
1  import {data, data2} from './product_data.js';
2
3  const productContainer = document.querySelector('.products-container')
4
```

p3_40.js U | product_data.js U

demo > w11 > p3_40 > js > product_data.js > data

```
1  export const data = [
2      {
3          id: 1,
4          name:'albany table',
5          price:'$79.99',
6          local_img:'./images/product-2.jpg'
7      },
8      {…
13     },
14     {…
19     },
20     {…
25     },
26     {…
31     },
32     {
33         id: 6,
34         name:'soft sofa',
35         price:'$85.99',
36         local_img:'./images/product-12.jpg'
37     },
38 ]
39
40 export const data2 = [];
41
42 // export default data;
```



P4: Use menu to show P1, P2, P3