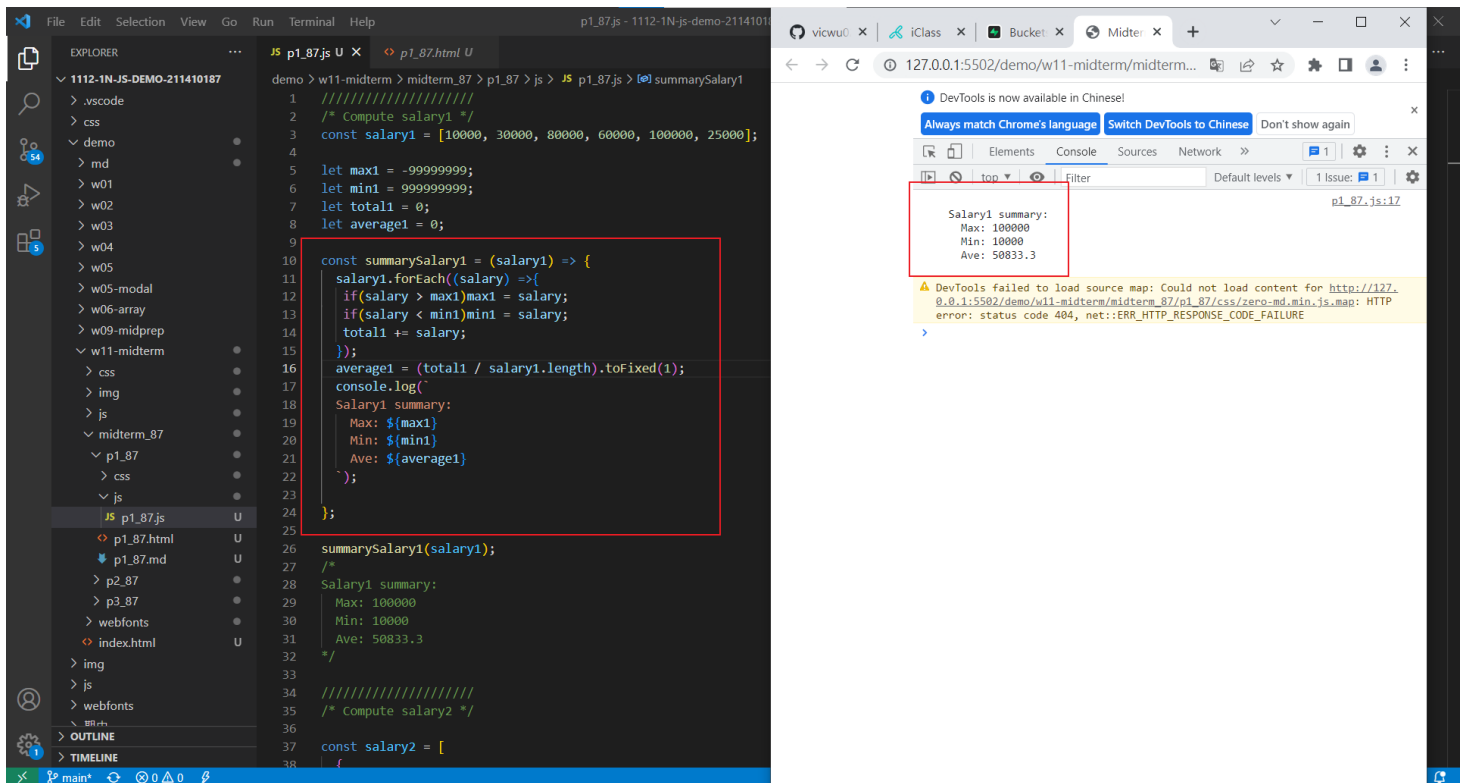
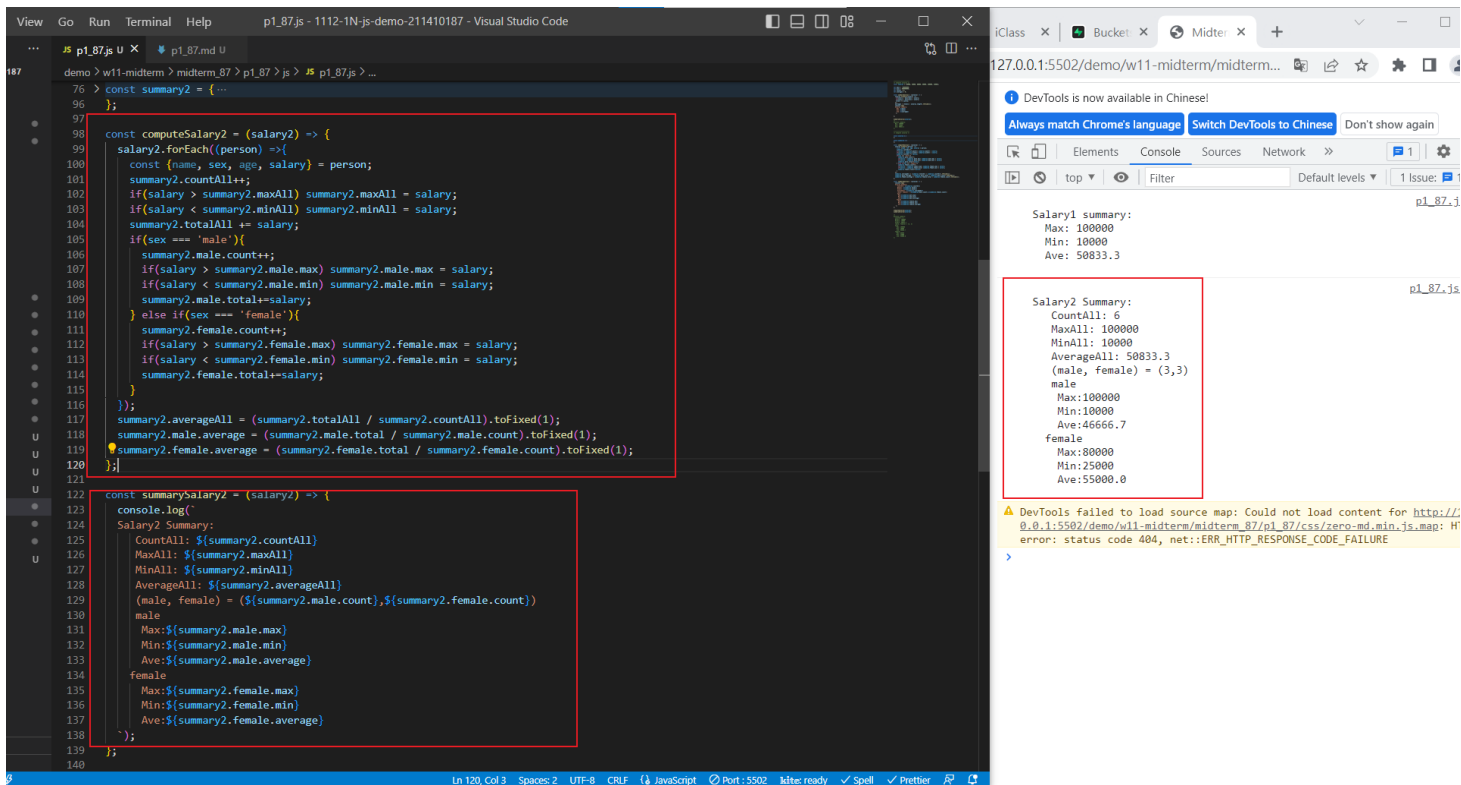


Github URL

P1-1: Compute salary1



P1-2: Compute salary2



P1-3: show p1_87.md in p1_87.html

Selection View Go Run ... p1_87.html - 1112-IN-js-demo-211410187 - Visual Studio Code

JS p1_87.js U p1_87.html U p1_87.md U

```
demo > w11-midterm > midterm_87 > p1_87 > p1_87.html > html > body > div.md-container >
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7 <script type="module" src="./css/zero-md.min.js"></script>
8 <title>Midterm - P1</title>
9 <style>
10 .md-container {
11   width: 85%;
12   height: 100%;
13   margin: 3rem auto;
14 }
15 </style>
16 </head>
17 <body>
18 <div class="md-container">
19   <zero-md src="./p1_87.md"></zero-md>
20 </div>
21 <script src="./js/p1_87.js"></script>
22 </body>
23 </html>
24
```

JS p1_87.js U p1_87.html U p1_87.md U p1_1.png U p1_2.png U p2_87 p3_87 webfonts index.html U

Ln 19, Col 25 Spaces: 2 UTF-8 CRLF {html} Port: 5502 Idt: ready 1 Spell Pre

vicwu0209/1 iClass Buckets | Sup Midterm - P1

127.0.0.1:5502/demo/w11-midterm/midterm_87/p1_87/p1_87.html

Github URL

P1-1: Compute salary1

P1-2: Compute salary2

Salary1 summary:
Max: 100000
Min: 10000
Ave: 50833.3

Salary2 Summary:
CountAll: 6
MaxAll: 100000
MinAll: 10000
AverageAll: 50833.3
(male, female) = (3,3)
male
Max: 100000
Min: 10000
Ave: 46666.7
female
Max: 80000
Min: 25000
Ave: 55000.0

DevTools failed to load source map: Could not load content for 0.1:5502/demo/w11-midterm/midterm_87/p1_87/css/zero-md.min.js error: status code 404, net::ERR_HTTP_RESPONSE_CODE_FAILURE

P2: BMI Calculation

p2_87.js - 1112-IN-js-demo-211410187 - Visual Studio Code

JS p2_87.js U

```
> w11-midterm > midterm_87 > p2_87 > JS p2_87.js > calculateBMI
}

function bmi_normal_high(height) {
  return 24 * (height/100) * (height/100);
}

function calculateBMI() {
  const weight = Number(document.querySelector('#weight').value);
  const height = Number(document.querySelector('#height').value);
  //console.log(weight, height);
  const bmi = bmiCalc_87(height, weight);
  const normal_low = bmi_normal_low(height);
  const normal_high = bmi_normal_high(height);

  let status;
  let suggestion;

  if(bmi < 18.5){
    status = 'Underweight';
    suggestion = 'add at least ${(normal_low - weight).toFixed(1)}kg to normal.';
  } else if (bmi <= 24){
    status = 'Normal';
    suggestion = '';
  } else{
    status = 'Overweight';
    suggestion = 'reduce at least ${(weight - normal_high).toFixed(1)} kg to normal.';
  }

  bmiResult.innerHTML = `You BMI is ${bmi.toFixed(1)}.${status}`;
  suggest.innerHTML = `${suggestion}`;

  calculateBtn.addEventListener('click', calculateBMI);
}
```

Ln 21, Col 42 Spaces: 2 UTF-8 LF JavaScript Port: 5502 Idt: ready Spell Prettier

vicwu0209/1 iClass Buckets BMI Calculator

127.0.0.1:5502/demo/w11-midterm/midterm_87/p2_87/p2_87.html

Hsingtai Chung, 123456789

Weight (kg):
85

Height (cm):
175

Calculate

You BMI is 27.8.Overweight
reduce at least 11.5 kg to normal.

The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays a file tree for a project named '1112-1N-JS-DEMO-21141...'. The tree includes folders like 'w01' through 'w09', and a 'w11-midterm' folder. Inside 'w11-midterm', there are subfolders 'css', 'img', 'js', and 'midterm_87'. The 'js' folder contains 'p3_87.js' and 'product_data.js'. The 'midterm_87' folder contains 'p1_87', 'p2_87', and 'p3_87'. The 'p3_87' folder contains 'css', 'images', and 'js'. The 'js' folder inside 'p3_87' contains 'p3_87.js' and 'product_data.js'. The main editor area shows the 'product_data.js' file. It contains an import statement for 'data' and 'data2' from './product_data.js'. Below this, there is a red box highlighting the 'import' statement. Another red box highlights the 'export const data' block, which defines an array of objects representing products. The objects have properties like 'id', 'img', 'name', and 'price'. The first object is for a 'high-back bench' with a price of 9.99. The second object is for a 'sofa set' with a price of 69.99. The file explorer also shows 'p3_87.html', 'p3_theme.html', and 'index.html'.

The screenshot displays a web development workflow. On the left, a code editor shows the file explorer with a project named '1112-TN-JS-DEMO-21141...'. The main editor window displays the 'p3_87.js' file, which contains a JavaScript function 'fetchData' that maps an array of products to HTML strings and updates the 'productContainer' in the DOM. The 'p3_87.html' file is also visible in the editor, showing the structure of the product container and individual product divs.

In the center, a browser preview shows the rendered output of the application. It displays a grid of six furniture items, each with an image, a name, and a price. The items are: High-Back Bench (\$9.99), Albany Table (\$79.99), Accent Chair (\$25.99), Woodley Table (\$49.99), Dining Table (\$6.99), and Sofa Set (\$99.99).

On the right, a code diff view shows the changes made to the 'p3_87.js' file. The diff highlights the 'fetchData' function and the 'productContainer' update, indicating that the code is being modified to dynamically generate the product list.

P4: Use menu to show P1, P2, P3

