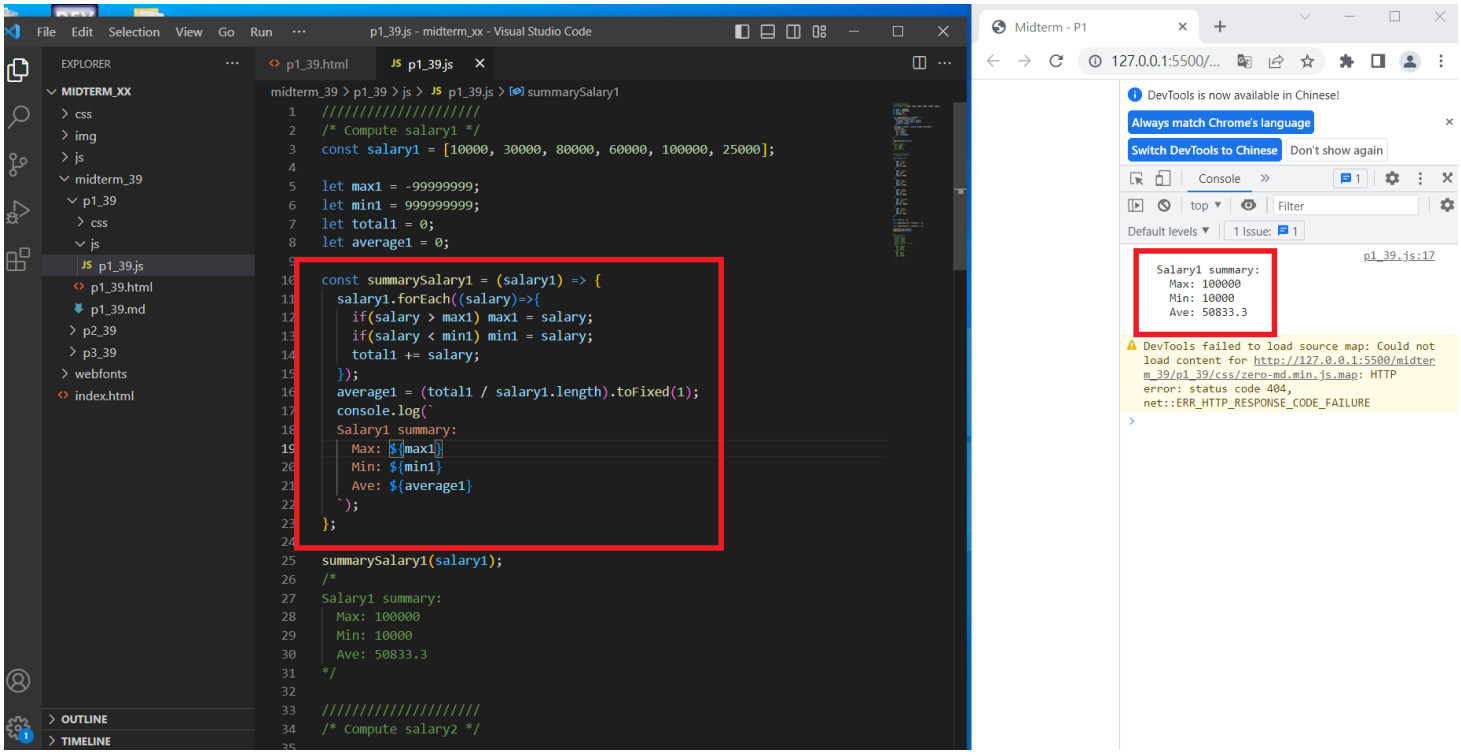
Github URL

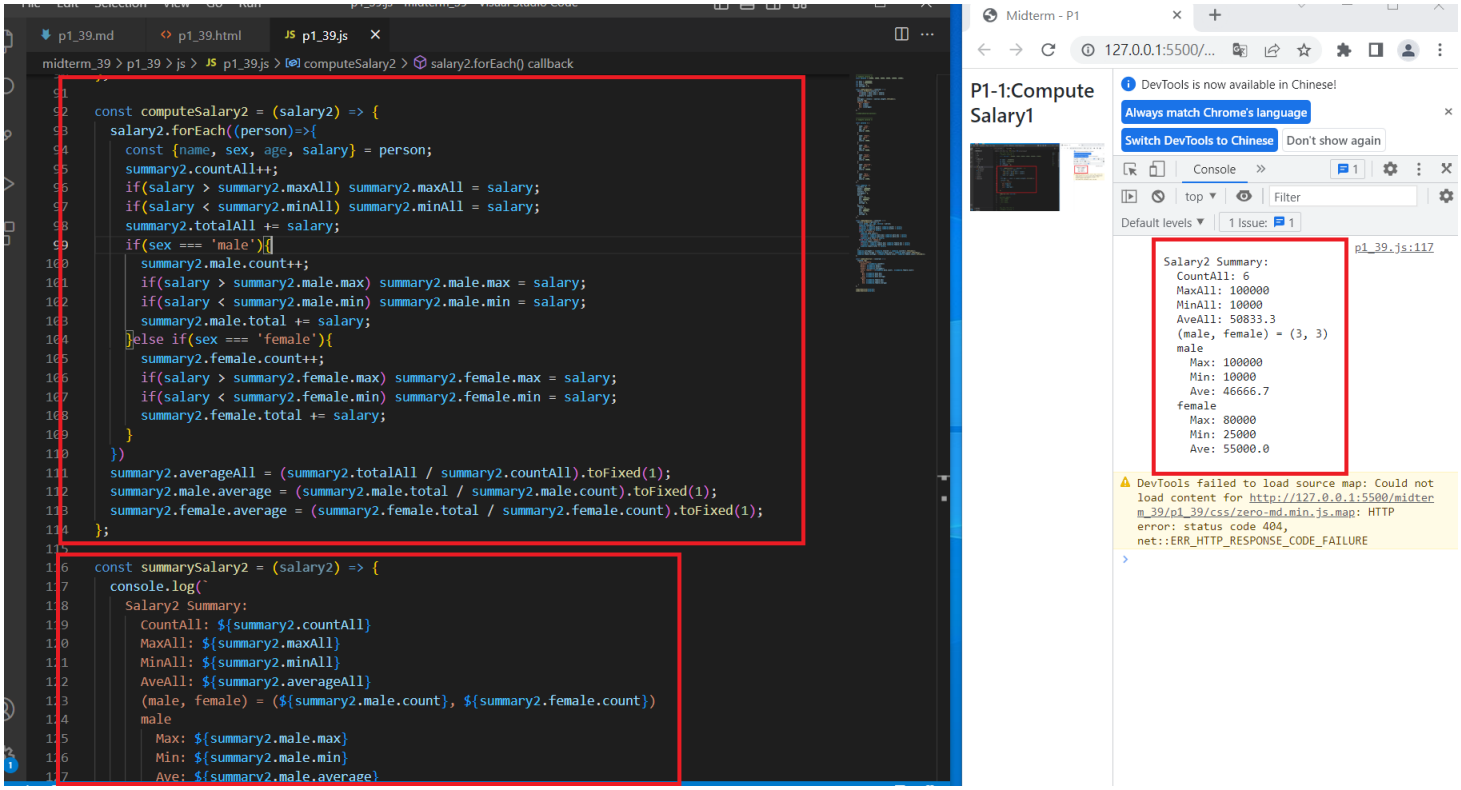
P1-1:Compute Salary1



```
////////////////////
/* Compute salary1 */
const salary1 = [10000, 30000, 80000, 60000, 100000, 25000];

let max1 = -99999999;
let min1 = 999999999;
let total1 = 0;
let average1 = 0;

const summarySalary1 = (salary1) => {
  salary1.forEach((salary)=>{
    if(salary > max1) max1 = salary;
    if(salary < min1) min1 = salary;
    total1 += salary;
  });
  average1 = (total1 / salary1.length).toFixed(1);
  console.log(`
  Salary1 summary:
    Max: ${max1}
    Min: ${min1}
    Ave: ${average1}
  `);
};

summarySalary1(salary1);
/*
Salary1 summary:
  Max: 100000
  Min: 10000
  Ave: 50833.3
*/

////////////////////
/* Compute salary2 */
```

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

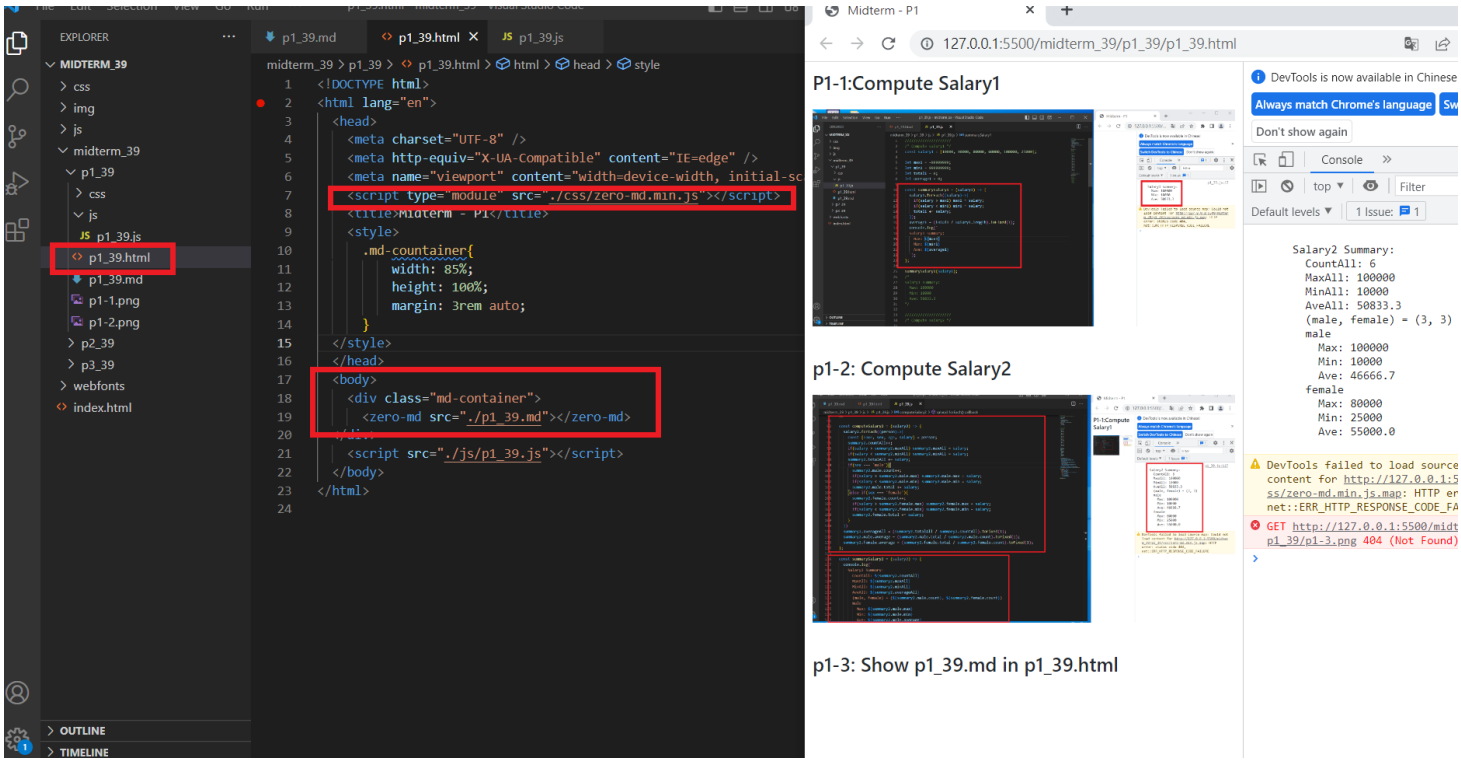
p1-2: Compute Salary2



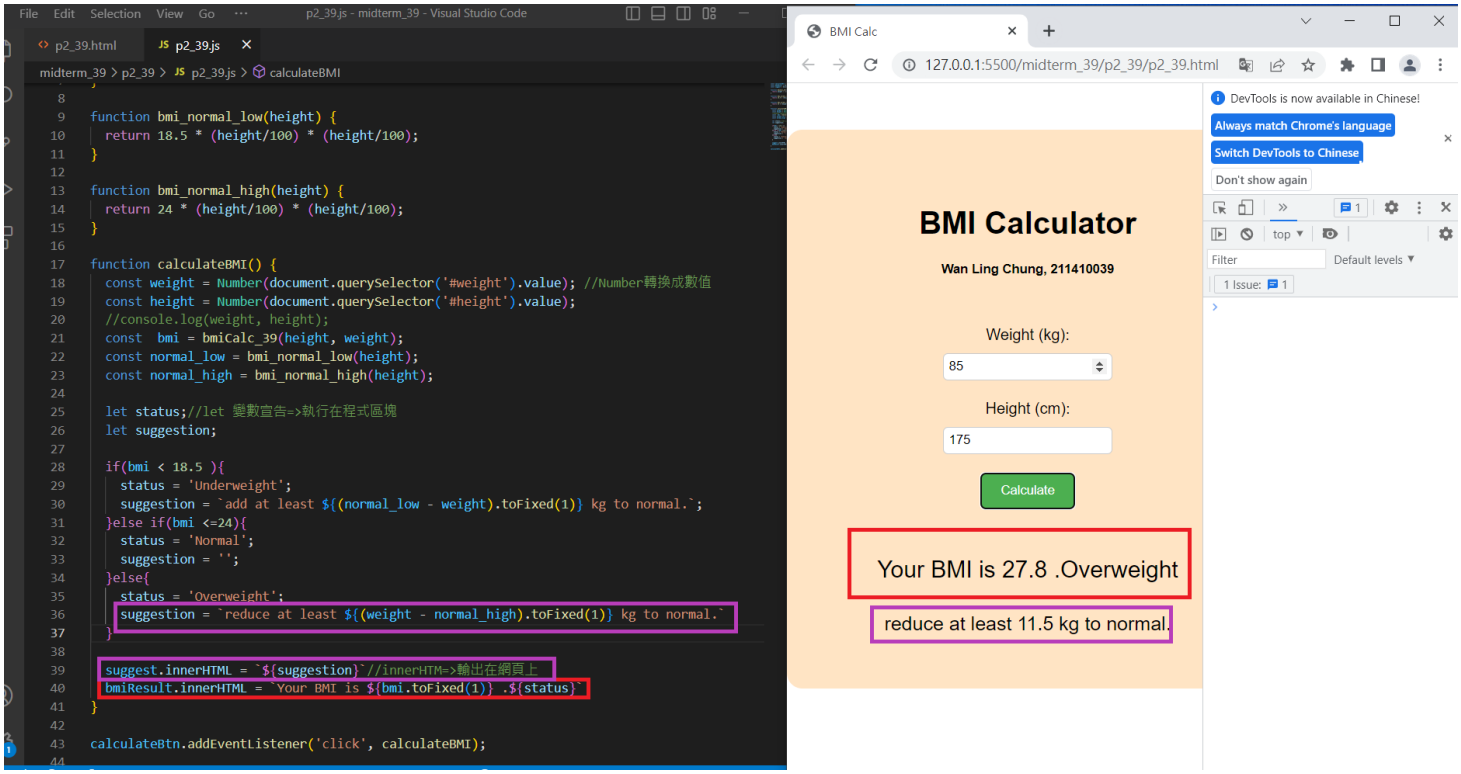
```
const computeSalary2 = (salary2) => {
  salary2.forEach((person)=>{
    const {name, sex, age, salary} = person;
    summary2.countAll++;
    if(salary > summary2.maxAll) summary2.maxAll = salary;
    if(salary < summary2.minAll) summary2.minAll = salary;
    summary2.totalAll += salary;
    if(sex === 'male'){
      summary2.male.count++;
      if(salary > summary2.male.max) summary2.male.max = salary;
      if(salary < summary2.male.min) summary2.male.min = salary;
      summary2.male.total += salary;
    }else if(sex === 'female'){
      summary2.female.count++;
      if(salary > summary2.female.max) summary2.female.max = salary;
      if(salary < summary2.female.min) summary2.female.min = salary;
      summary2.female.total += salary;
    }
  })
  summary2.averageAll = (summary2.totalAll / summary2.countAll).toFixed(1);
  summary2.male.average = (summary2.male.total / summary2.male.count).toFixed(1);
  summary2.female.average = (summary2.female.total / summary2.female.count).toFixed(1);
};

const summarySalary2 = (salary2) => {
  console.log(`
    Salary2 Summary:
      CountAll: ${summary2.countAll}
      MaxAll: ${summary2.maxAll}
      MinAll: ${summary2.minAll}
      AveAll: ${summary2.averageAll}
      (male, female) = (${summary2.male.count}, ${summary2.female.count})
      male
        Max: ${summary2.male.max}
        Min: ${summary2.male.min}
        Ave: ${summary2.male.average}
```

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

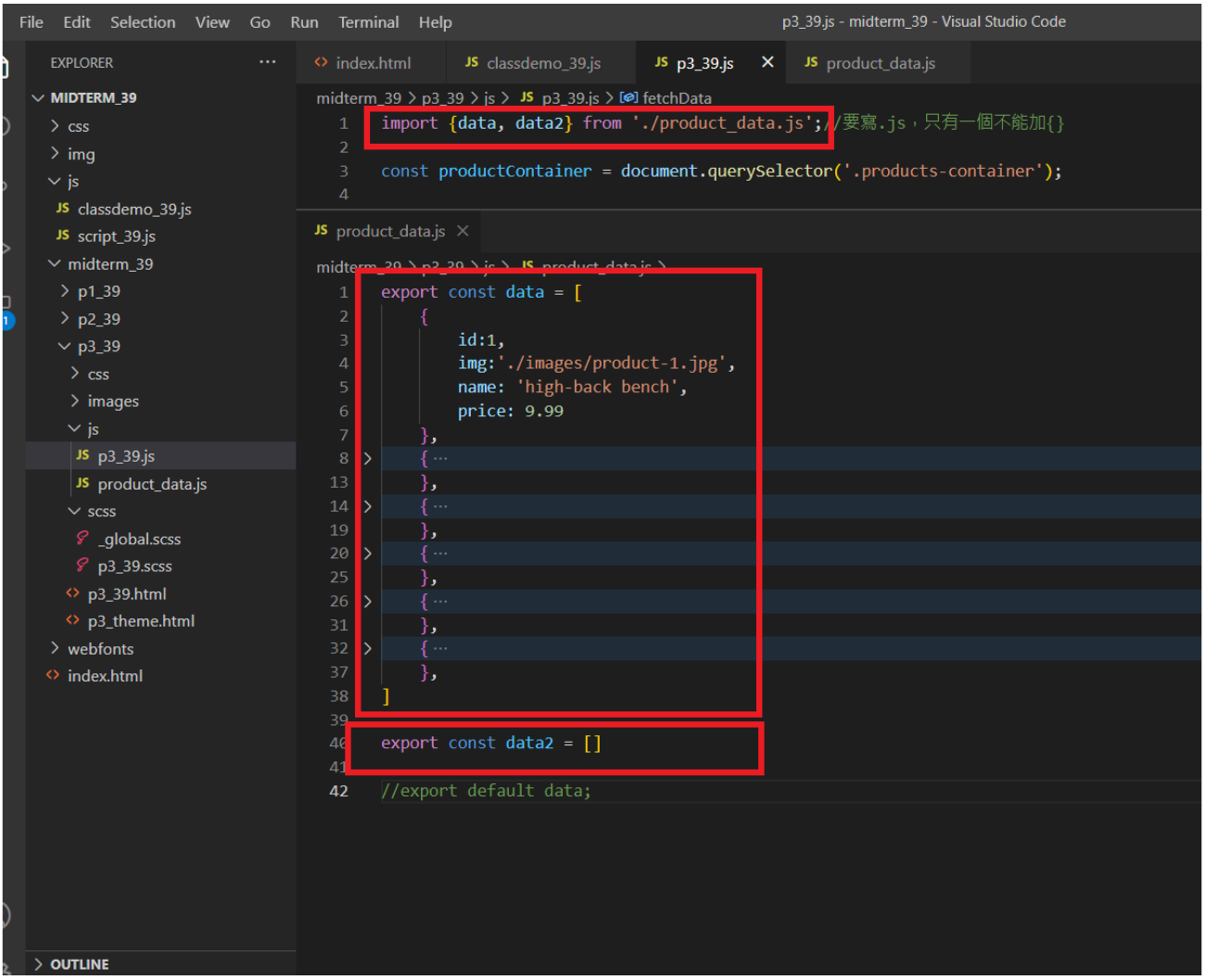
p1-3: Show p1_39.md in p1_39.html

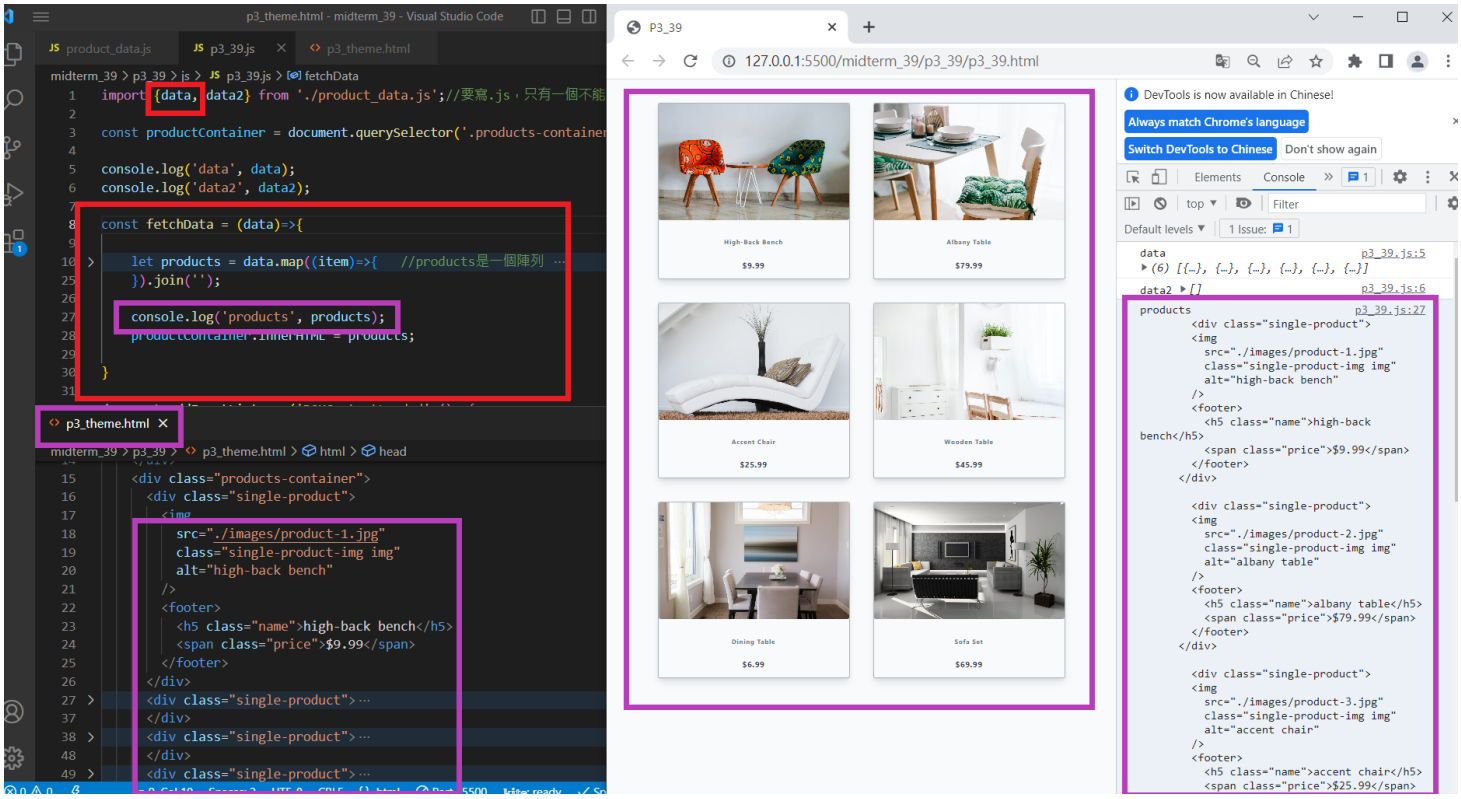


P2:BMI Calculation

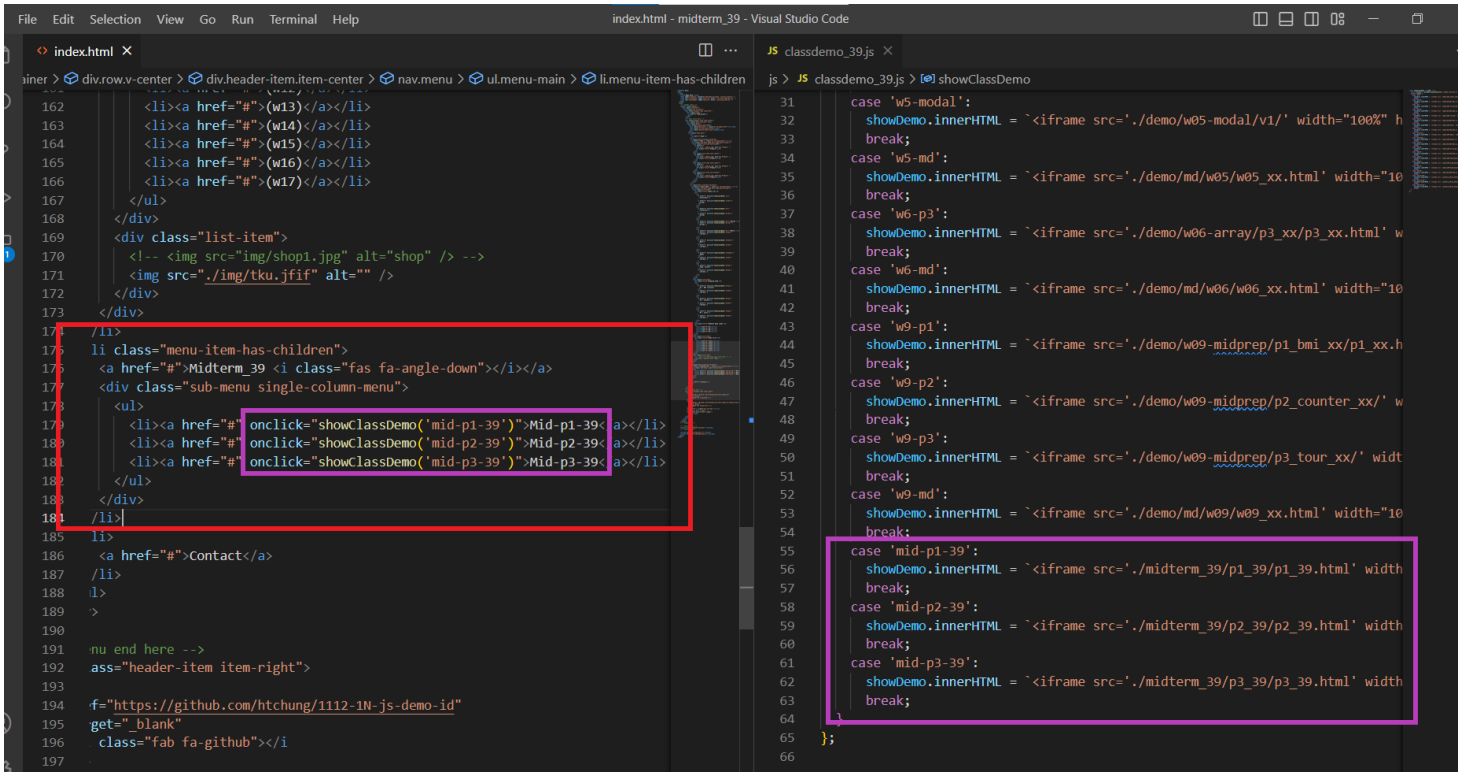


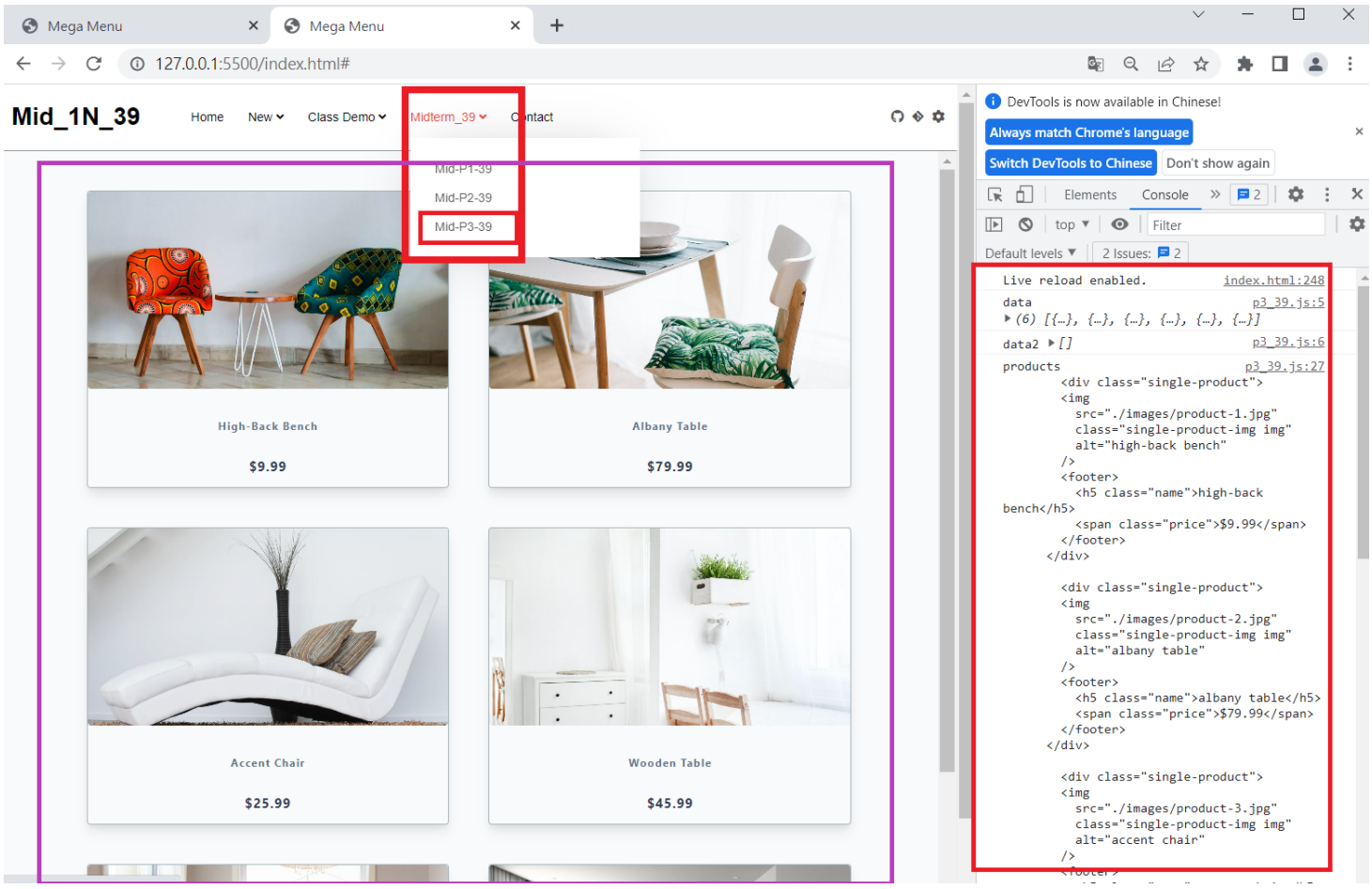
P3: Fetch Products from json array





P4: Use menu to show P1, P2, P3





d949908 21141003901~ Thu Apr 27 22:01:12 2023 +0800 w11-midterm

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-04-26"
d949908 21141003901~ Thu Apr 27 22:01:12 2023 +0800 w11-midterm
```