

W09-P2: Midprep P2 answer

The image shows a web browser window displaying a "Counter" application. The counter value is -1. Below the counter are three buttons: "DECREASE", "RESET", and "INCREASE". To the right of the browser window is the DevTools console, which shows the following log entries:

```
btn p2_39.js:7  
NodeList(3) [button.btn.decrease,  
button.btn.reset,  
button.btn.increase]  
e.currentTarget p2_39.js:11  
DOMTokenList(2) ['btn', 'increas  
e', value: 'btn increase']  
e.currentTarget p2_39.js:11  
DOMTokenList(2) ['btn', 'reset',  
value: 'btn reset']  
e.currentTarget p2_39.js:11  
DOMTokenList(2) ['btn', 'decreas  
e', value: 'btn decrease']
```

The source code in the background shows the following JavaScript code:

```
1 // set initial value to zero  
2 let count = 0; //let跟var的差別是不能宣告一樣名字的變數且只作用在程式區塊(不佔  
3 // select value and buttons  
4 const value = document.querySelector('#value');  
5 const btns = document.querySelectorAll('.btn');  
6  
7 console.log('btn', btns);  
8  
9 btns.forEach(function (btn) {  
10   btn.addEventListener('click', function (e) {  
11     console.log('e.currentTarget', e.currentTarget.classList); //抓取每個  
12     const styles = e.currentTarget.classList;  
13     if(styles.contains("decrease")){  
14       count --;  
15     }else if(styles.contains("increase")){  
16       count ++;  
17     }else{  
18       count = 0;  
19     }  
20  
21     if(count > 0){  
22       value.style.color = 'green';  
23     }else if(count < 0){  
24       value.style.color = 'red';//style.color變換後的顏色  
25     }else{  
26       value.style.color = '#222';//看有無原來css裡id=value的顏色  
27     }  
28     value.textContent = count;  
29   });  
30 });  
31
```

3ca0451 21141003901~ Thu Apr 13 19:37:26 2023 +0800 W09-P2: Midprep P2 answer

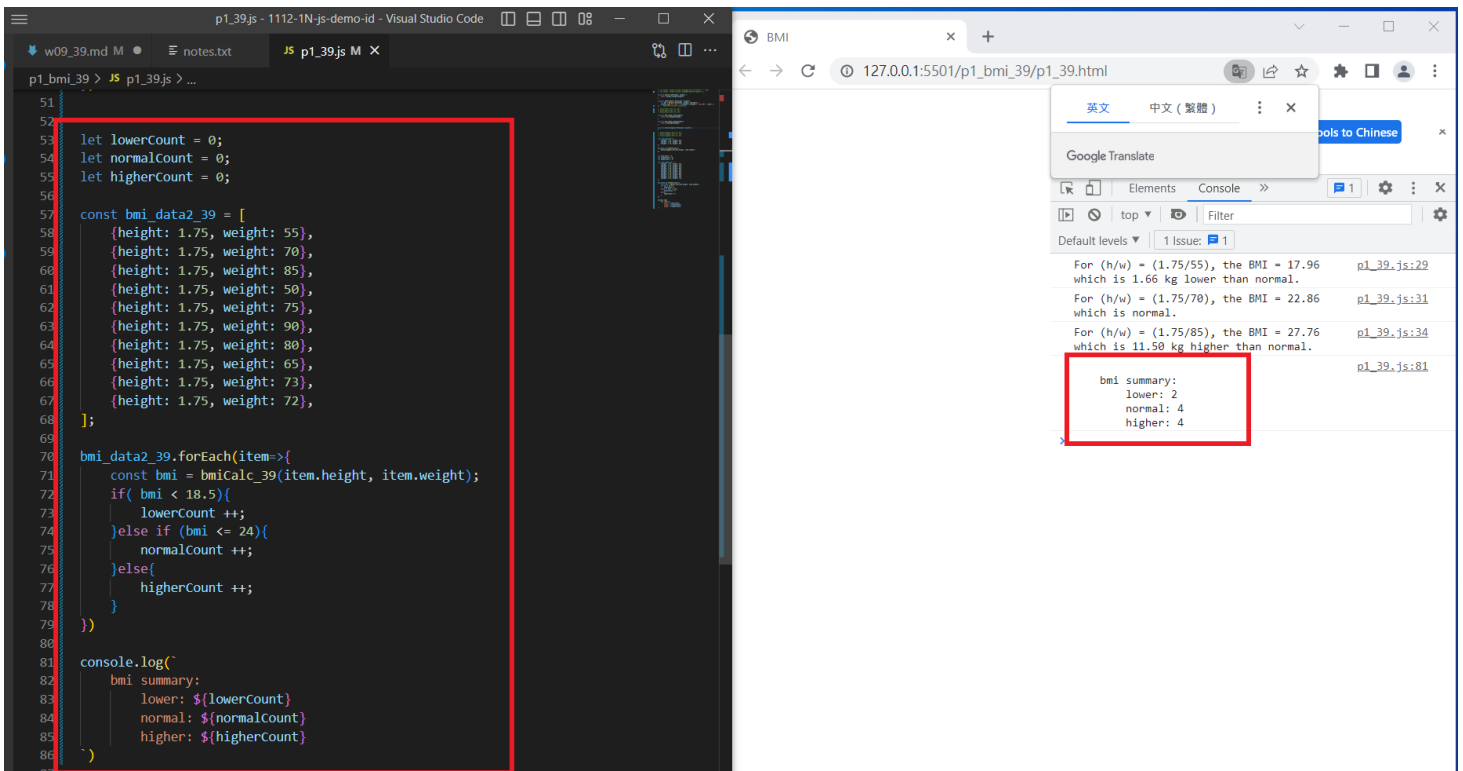
W09-P3: Midprep P1 answer (c)(d)

The image shows a web browser window displaying a BMI calculator application. The browser shows the URL "127.0.0.1:5501/p1_bmi_39/p1_39.html". The DevTools console shows the following log entries:

```
For (h/w) = (1.75/55), the BMI = 17.96  
which is 1.66 kg lower than normal. p1_39.js:29  
For (h/w) = (1.75/70), the BMI = 22.86  
which is normal. p1_39.js:31  
For (h/w) = (1.75/85), the BMI = 27.76  
which is 11.50 kg higher than normal. p1_39.js:34  
bmi summary:  
lower: 2  
normal: 4  
higher: 4 p1_39.js:81
```

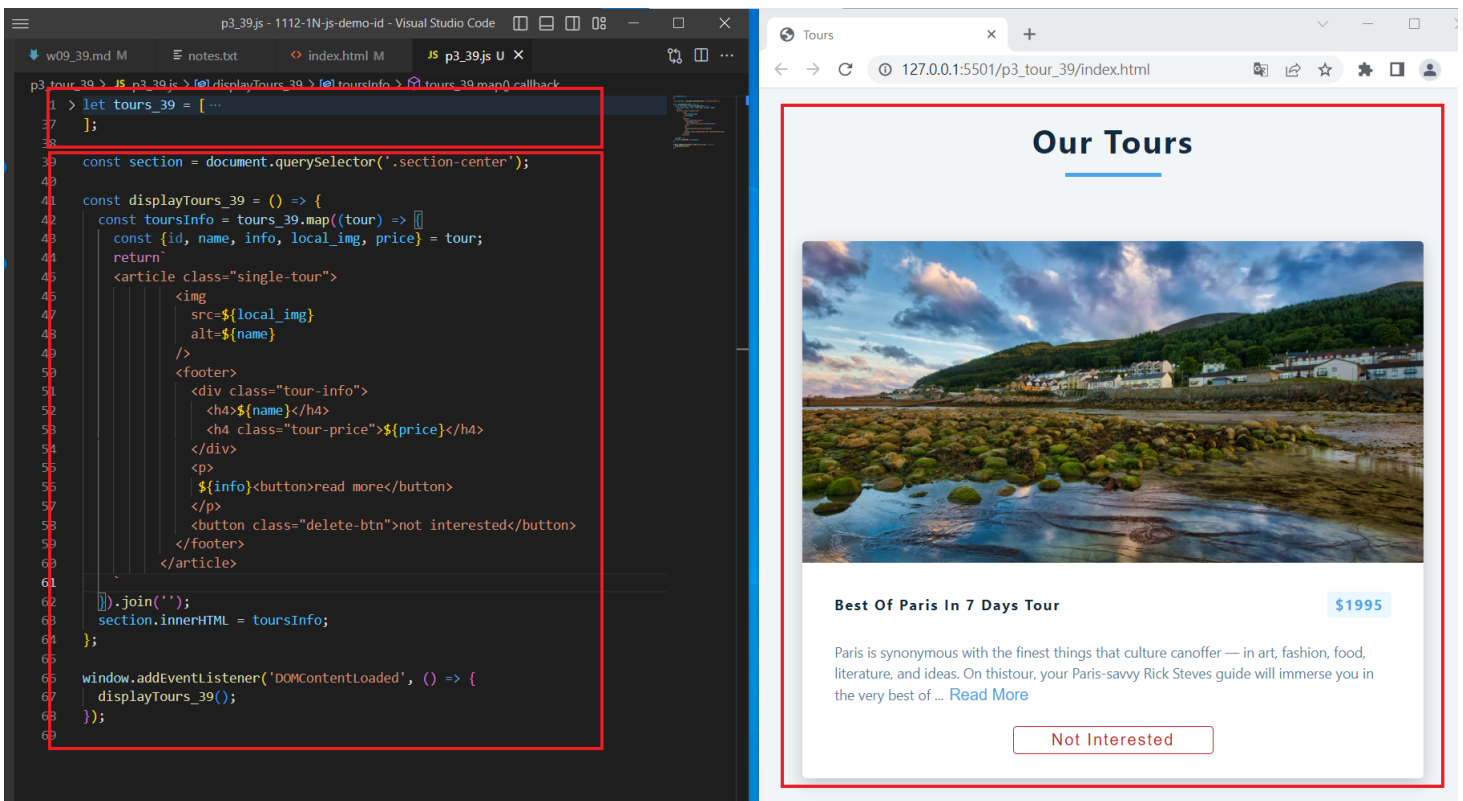
The source code in the background shows the following JavaScript code:

```
18   return 18.5*height*height;  
19 }  
20  
21 function bmi_normal_high(height){  
22   return 24*height*height;  
23 }  
24  
25 > function bmiCalcSuggest_39(height, weight) { ...  
26 }  
27  
28 // bmiCalcSuggest_39(1.75, 55);  
29 // bmiCalcSuggest_39(1.75, 70);  
30 // bmiCalcSuggest_39(1.75, 85);  
31  
32 const bmi_data_39 = [  
33   {height: 1.75, weight: 55},  
34   {height: 1.75, weight: 70},  
35   {height: 1.75, weight: 85},  
36 ];  
37  
38 bmi_data_39.forEach(item=>{  
39   bmiCalcSuggest_39(item.height, item.weight);  
40 })  
41  
42  
43 let lowerCount = 0;  
44 let normalCount = 0;  
45 let higherCount = 0;  
46  
47  
48 const bmi_data2_39 = [  
49   {height: 1.75, weight: 55},  
50   {height: 1.75, weight: 70},  
51   {height: 1.75, weight: 85},  
52   {height: 1.75, weight: 50},  
53   {height: 1.75, weight: 75},  
54   {height: 1.75, weight: 90},  
55   {height: 1.75, weight: 80},  
56 ]
```



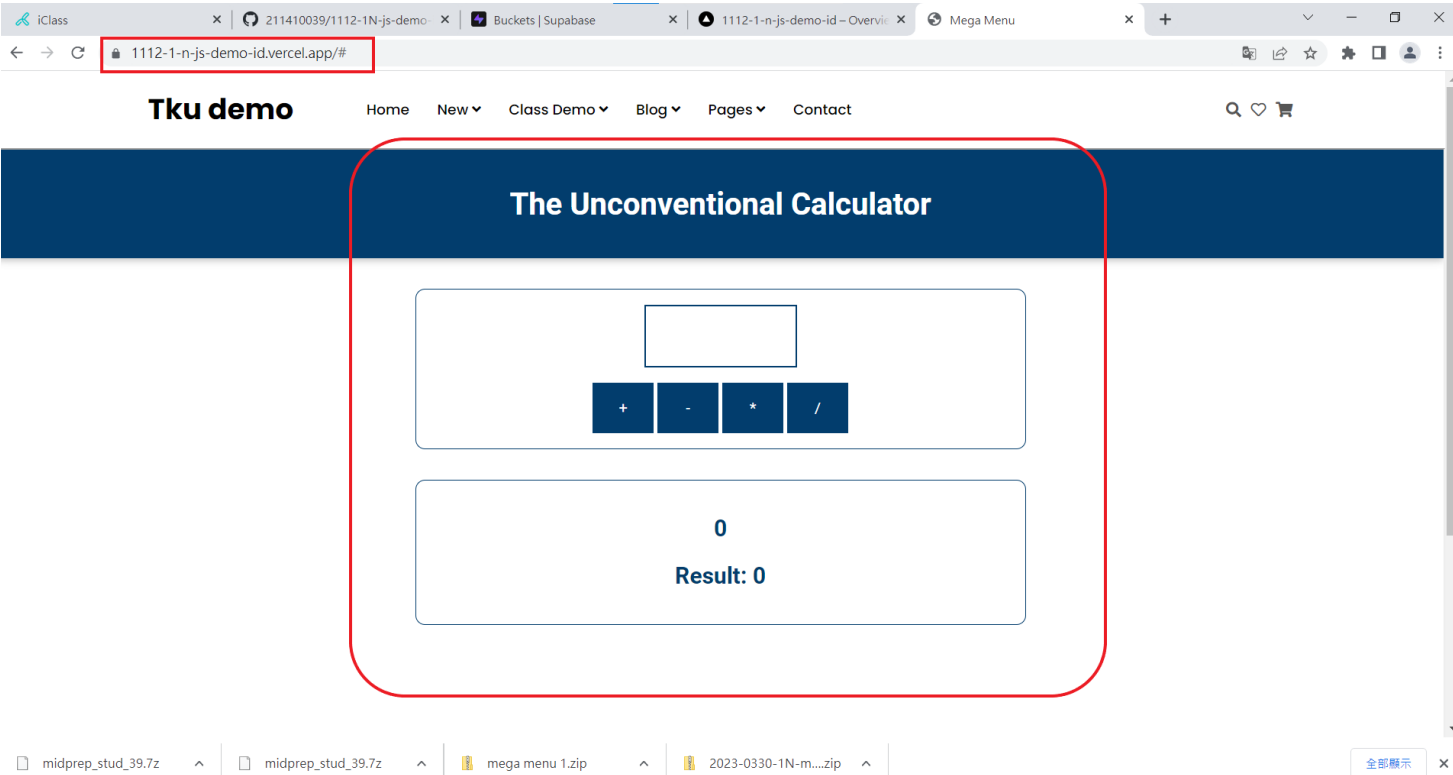
78214d9 21141003901~ Thu Apr 13 20:10:08 2023 +0800 W09-P3: Midprep P1 answer (c)(d)

W09-P4: Midprep P3 answer



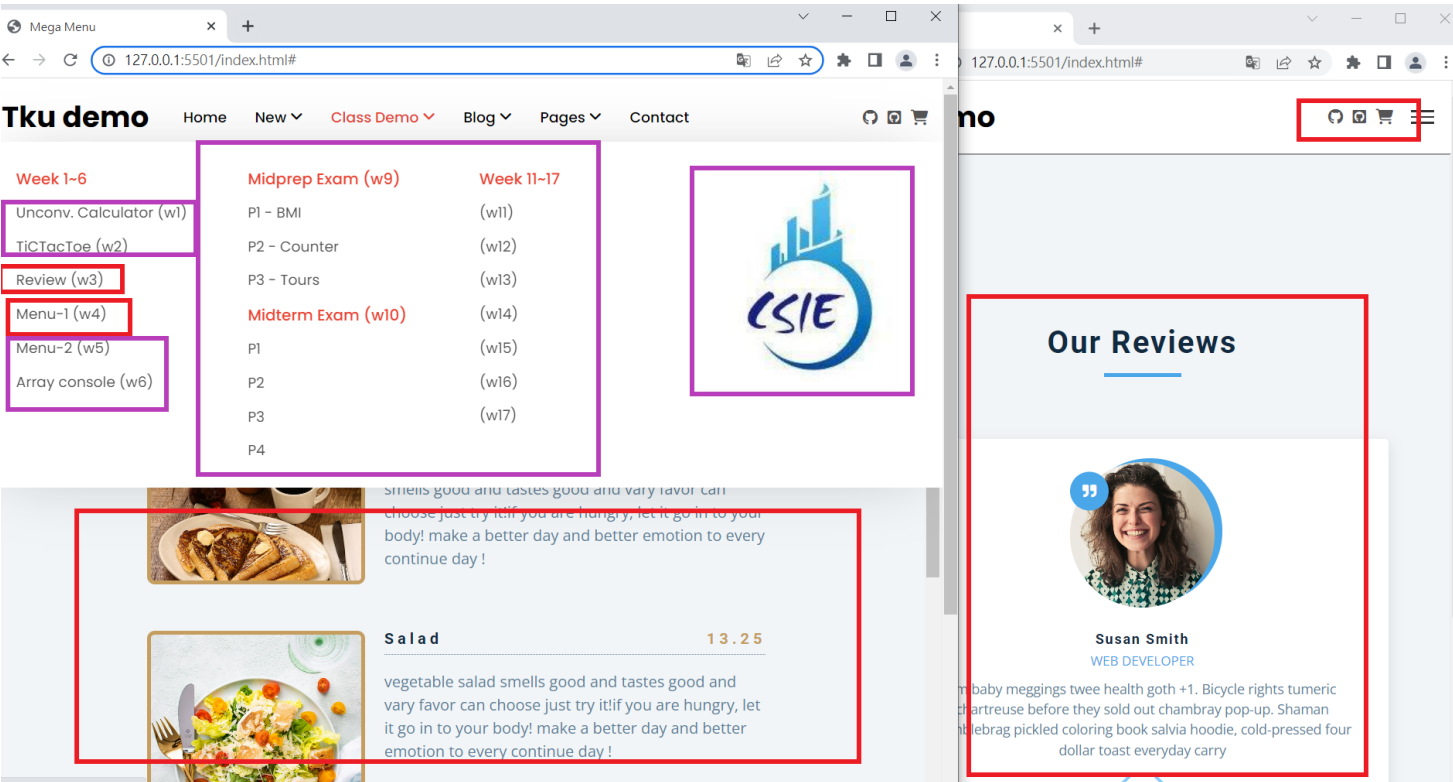
5b7d19e 21141003901~ Thu Apr 13 20:43:04 2023 +0800 W09-P4: Midprep P3 answer

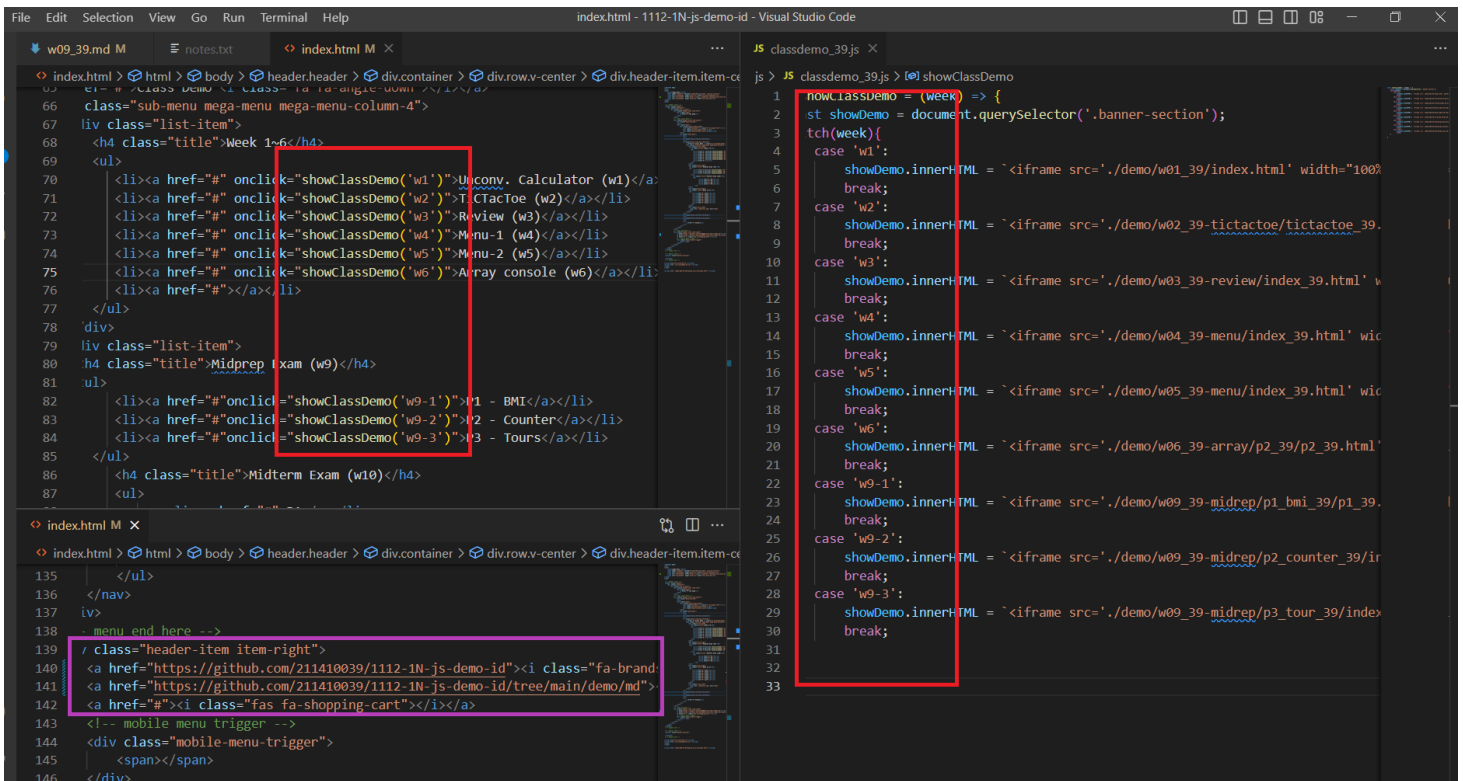
W09-P5: Mega Menu deploy to Vercel



c67d6df 21141003901~ Thu Apr 13 22:00:30 2023 +0800 W09-P5: Mega Menu deploy to Vercel

W09-P6: Finite all class demo and change conect's icon to github repo & md





3c4e11b 21141003901~ Thu Apr 13 22:41:42 2023 +0800 Finite all class demo and change conect's icon to github

W09-logs

```
User@E201-08 MINGW64 /d/w09_39/1112-1N-js-demo-id (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-04-12"
3c4e11b 21141003901~ Thu Apr 13 22:41:42 2023 +0800 Finite all class demo and change conect's icon to github repo & md
c67d6df 21141003901~ Thu Apr 13 22:00:30 2023 +0800 W09-P5: mega Menu deploy to Vercel
4fd7db5 21141003901~ Thu Apr 13 21:33:26 2023 +0800 add mega menu to vercel
5b7d19e 21141003901~ Thu Apr 13 20:43:04 2023 +0800 W09-P4: midprep P3 answer
78214d9 21141003901~ Thu Apr 13 20:10:08 2023 +0800 W09-P3: midprep P1 answer (c)(d)
3ca0451 21141003901~ Thu Apr 13 19:37:26 2023 +0800 W09-P2: midprep P2 answer
557364c 21141003901~ Thu Apr 13 19:07:09 2023 +0800 W09-P1: midprep P1 answer
```

842f32b 21141003901~ Thu Apr 13 22:44:17 2023 +0800 W09-logs

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-04-12"
```

```
842f32b 21141003901~ Thu Apr 13 22:44:17 2023 +0800 W09-logs
```

```
3c4e11b 21141003901~ Thu Apr 13 22:41:42 2023 +0800 Finite all class demo and change conect's  
icon to github repo & md
```

```
c67d6df 21141003901~ Thu Apr 13 22:00:30 2023 +0800 W09-P5: Mega Menu deploy to Vercel
```

```
4fd7db5 21141003901~ Thu Apr 13 21:33:26 2023 +0800 add mega menu to vercel
```

```
5b7d19e 21141003901~ Thu Apr 13 20:43:04 2023 +0800 W09-P4: Midprep P3 answer
```

```
78214d9 21141003901~ Thu Apr 13 20:10:08 2023 +0800 W09-P3: Midprep P1 answer (c)(d)
```

```
3ca0451 21141003901~ Thu Apr 13 19:37:26 2023 +0800 W09-P2: Midprep P2 answer
```

```
557364c 21141003901~ Thu Apr 13 19:07:09 2023 +0800 W09-P1: Midprep P1 answer
```