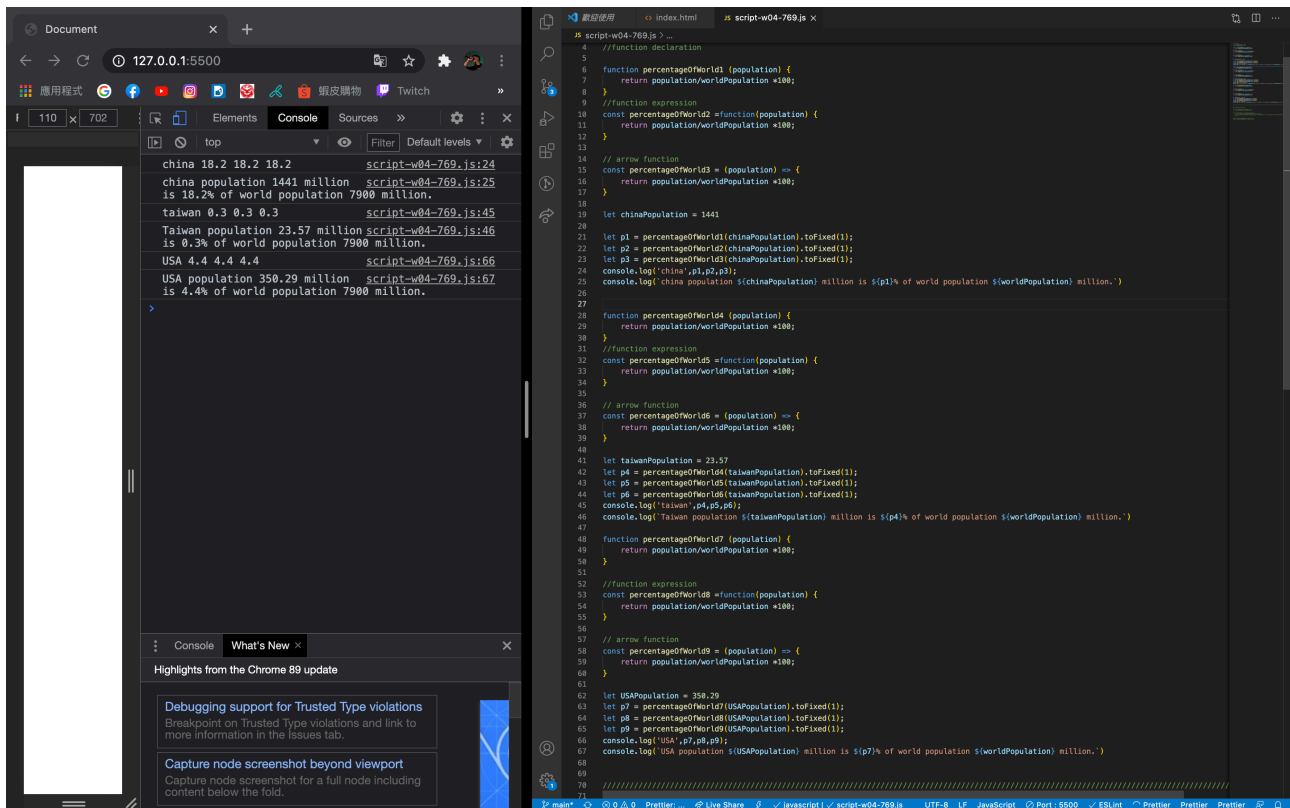
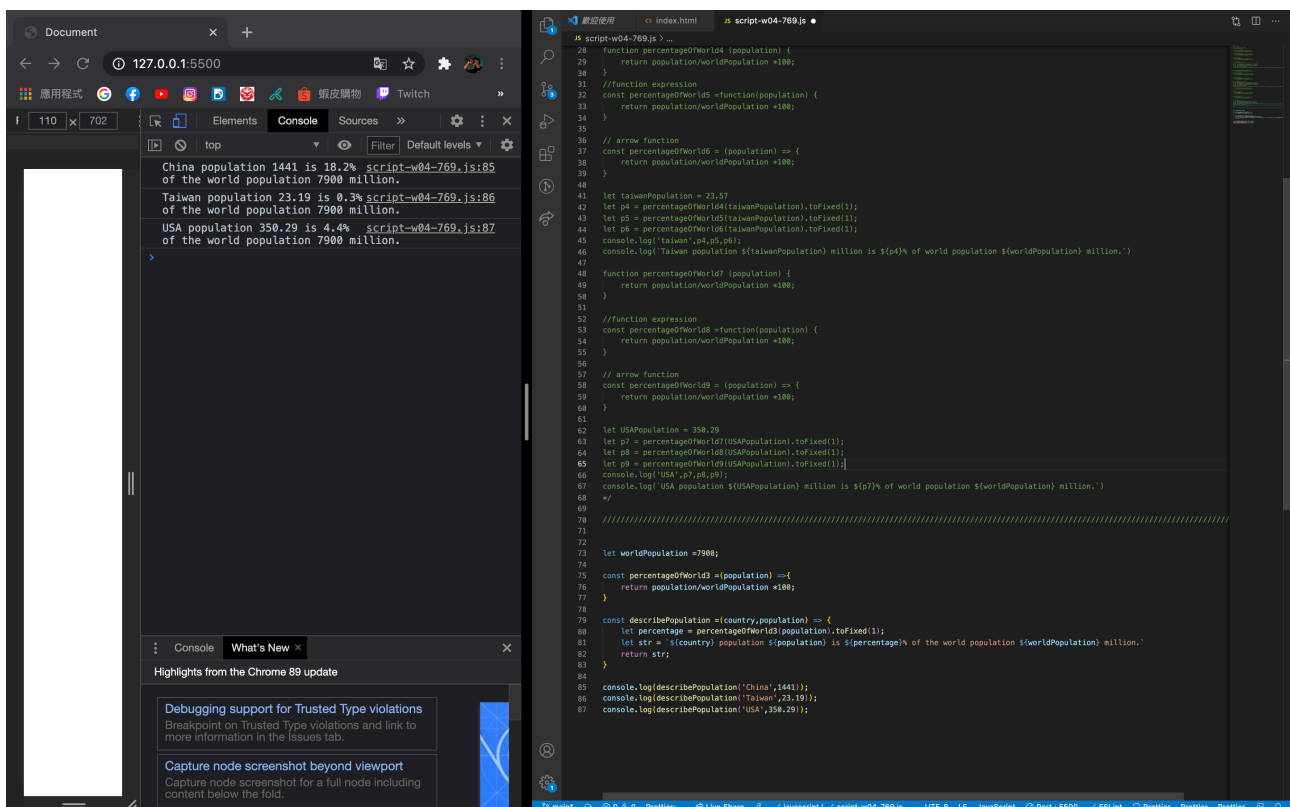


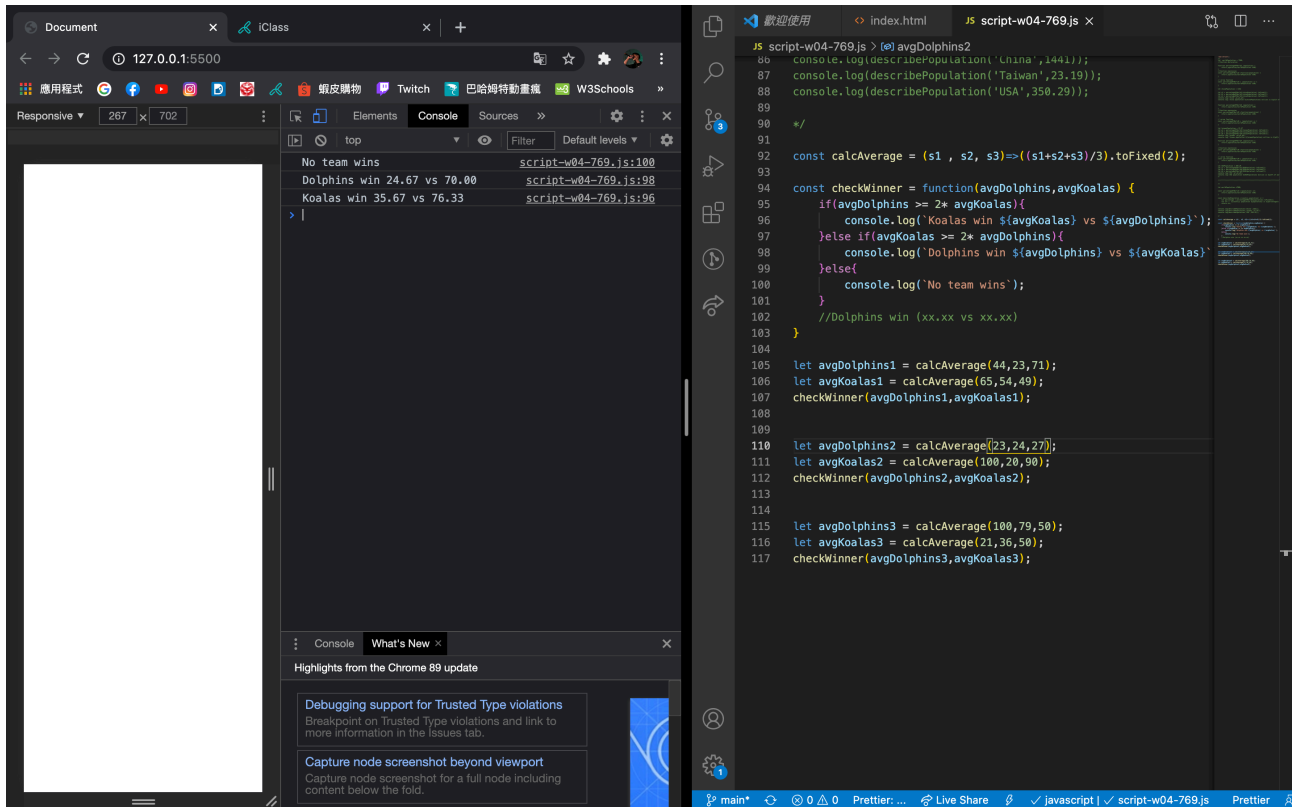
第一題



第二題



第三題



第五題

The image shows a web browser on the left and a code editor on the right. The browser's console displays the output of a JavaScript program, which calculates the percentage of the world population (7900 million) for several countries. The output is as follows:

```
percentage
* (4) ["18.2%", "0.3%", "4.2%", "1.6%"]
China population 1441 million script-w04-769.js:139
is 18.2% of the world population 7900 million.
Taiwan population 23.19 million script-w04-769.js:139
is 0.3% of the world population 7900 million.
USA population 328.2 million is script-w04-769.js:139
4.2% of the world population 7900 million.
Japan population 126.5 million script-w04-769.js:139
is 1.6% of the world population 7900 million.
percentage2
* (4) ["18.2%", "0.3%", "4.2%", "1.6%"]
China population 1441 million script-w04-769.js:150
is 18.2% of the world population 7900 million.
Taiwan population 23.19 million script-w04-769.js:150
is 0.3% of the world population 7900 million.
USA population 328.2 million is script-w04-769.js:150
4.2% of the world population 7900 million.
Japan population 126.5 million script-w04-769.js:150
is 1.6% of the world population 7900 million.
percentage3
* (4) ["18.2%", "0.3%", "4.2%", "1.6%"]
China population 1441 million script-w04-769.js:163
is 18.2% of the world population 7900 million.
Taiwan population 23.19 million script-w04-769.js:163
is 0.3% of the world population 7900 million.
USA population 328.2 million is script-w04-769.js:163
4.2% of the world population 7900 million.
Japan population 126.5 million script-w04-769.js:163
is 1.6% of the world population 7900 million.
```

The code editor on the right shows the following JavaScript code:

```
117 let avgDolphins3 = calcAverage(100,79,50);
118 let avgKoalas3 = calcAverage(21,36,50);
119 checkWinner(avgDolphins3,avgKoalas3);
120
121
122
123 let worldPopulation = 7900;
124
125 const percentageOfWorld3 = (population) => {
126   return population/worldPopulation *100;
127 }
128 let population=[1441,23.19,328.2,126.5];
129 let countries =['China','Taiwan','USA','Japan'];
130 let percentage=[
131   percentageOfWorld3(population[0]).toFixed(1),
132   percentageOfWorld3(population[1]).toFixed(1),
133   percentageOfWorld3(population[2]).toFixed(1),
134   percentageOfWorld3(population[3]).toFixed(1),
135 ]
136 console.log('percentage',percentage);
137 //存到用for
138 for(let i =0;i<countries.length;i++){
139   console.log(' ${countries[i]} population ${population[i]} million is ${percentage[i]}% of the world population ${worldPopu
140 }
141 //用push
142
143 let percentage2 = [];
144 for(let j =0;j<countries.length;j++){
145   let percentaget = percentageOfWorld3(population[j]).toFixed(1);
146   percentage2.push(percentaget);
147 }
148 console.log('percentage2',percentage2);
149 for(let j =0;j<countries.length;j++){
150   console.log(' ${countries[j]} population ${population[j]} million is ${percentage2[j]}% of the world population ${worldPopu
151 }
152
153
154 //用forEach
155 let percentage3 = [];
156 population.forEach( (p) => {
157   let percentage = (percentageOfWorld3(p)).toFixed(1);
158   percentage3.push(percentage)
159 }
160 )
161 console.log('percentage3',percentage3);
162 for(let j =0;j<countries.length;j++){
163   console.log(' ${countries[j]} population ${population[j]} million is ${percentage3[j]}% of the world population ${worldPopu
164 }
165
166
167
168
169
170
171
```