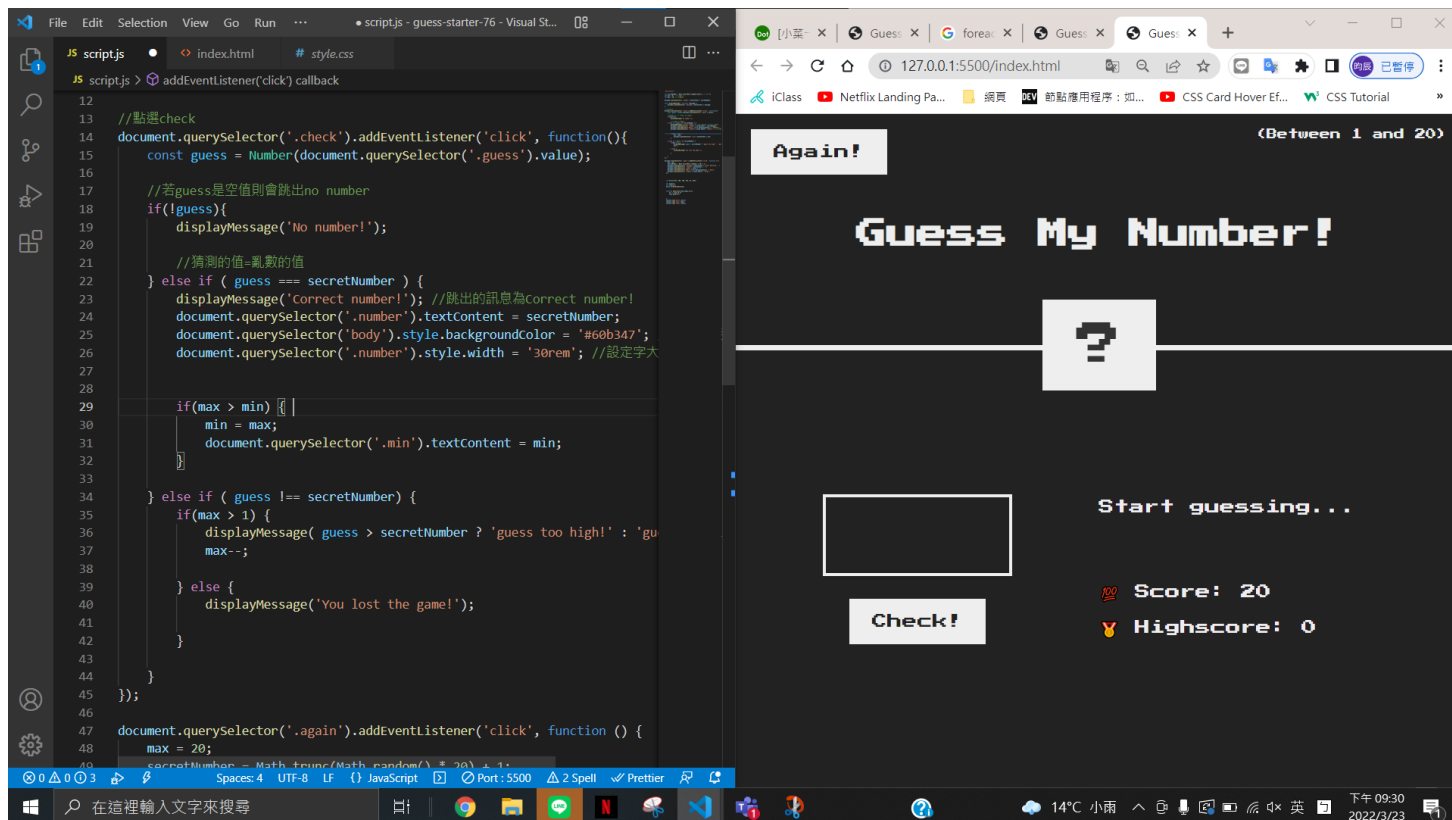
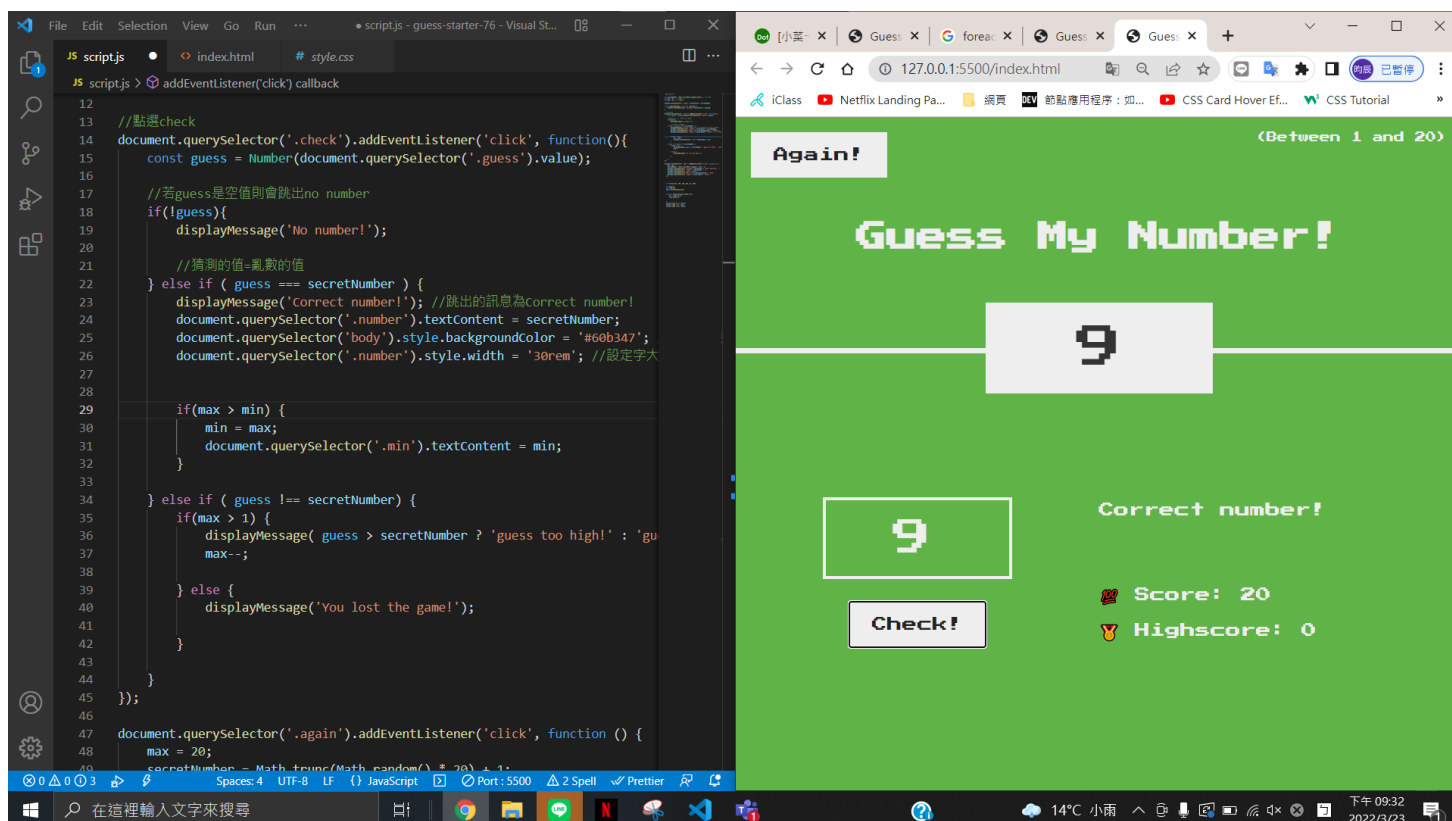


# P1



# P2



```

let secretNumber = Math.trunc(Math.random()*20)+1; //設定亂數
let min = 0; //設定最小值
let max = 20; //設定最大值

document.querySelector('.number').textContent = secretNumber;

const displayMessage = function (message) {
    document.querySelector('.message').textContent = message;
}

//點選check
document.querySelector('.check').addEventListener('click', function(){
    const guess = Number(document.querySelector('.guess').value);

    //若guess是空值則會跳出no number
    if(!guess){
        displayMessage('No number!');

        //猜測的值=亂數的值
    } else if ( guess === secretNumber ) {
        displayMessage('Correct number!'); //跳出的訊息為Correct number!
        document.querySelector('.number').textContent = secretNumber;
        document.querySelector('body').style.backgroundColor = '#60b347'; //設定顏色
        document.querySelector('.number').style.width = '30rem'; //設定字大小

        if(max > min) {
            min = max;
            document.querySelector('.min').textContent = min;
        }

    } else if ( guess !== secretNumber) {
        if(max > 1) {
            displayMessage( guess > secretNumber ? 'guess too high!' : 'guess too low!');
            max--;

        } else {
            displayMessage('You lost the game!');
        }

    }

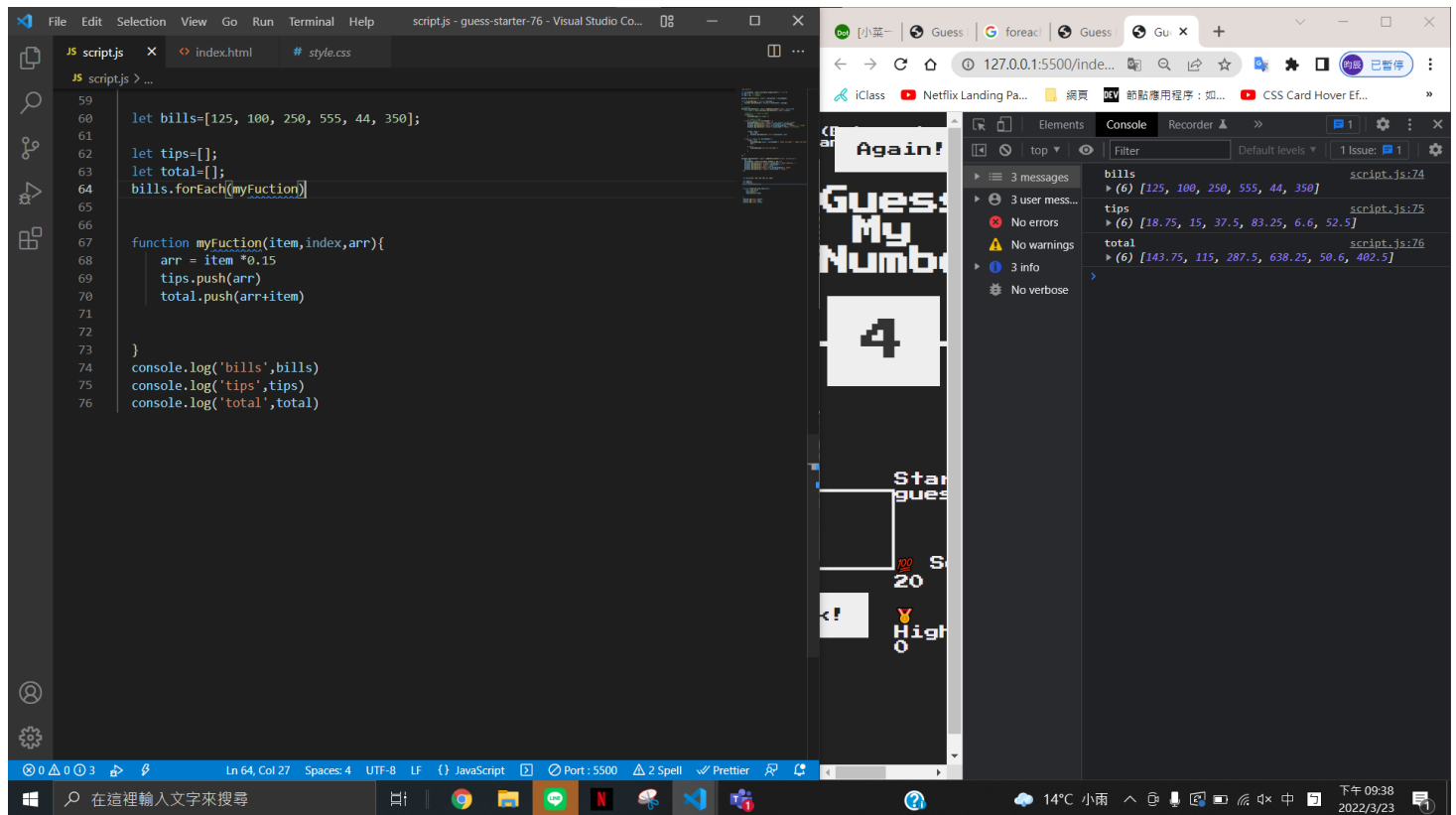
});

document.querySelector('.again').addEventListener('click', function () {
    max = 20;
    secretNumber = Math.trunc(Math.random() * 20) + 1;
    document.querySelector('.message').textContent = 'Start guessing...';
    document.querySelector('.number').textContent = '?';
    document.querySelector('.guess').value = '';

```

```
document.querySelector('body').style.backgroundColor = '#222';
document.querySelector('.number').style.width = '15rem';
});
```

## P3



```
let bills=[125, 100, 250, 555, 44, 350];
```

```
let tips=[];
```

```
let total=[];
```

```
bills.forEach(myFuction)
```

```
function myFuction(item,index,arr){
```

```
    arr = item *0.15
```

```
    tips.push(arr)
```

```
    total.push(arr+item)
```

```
}
```

```
console.log('bills',bills)
```

```
console.log('tips',tips)
```

```
console.log('total',total)
```