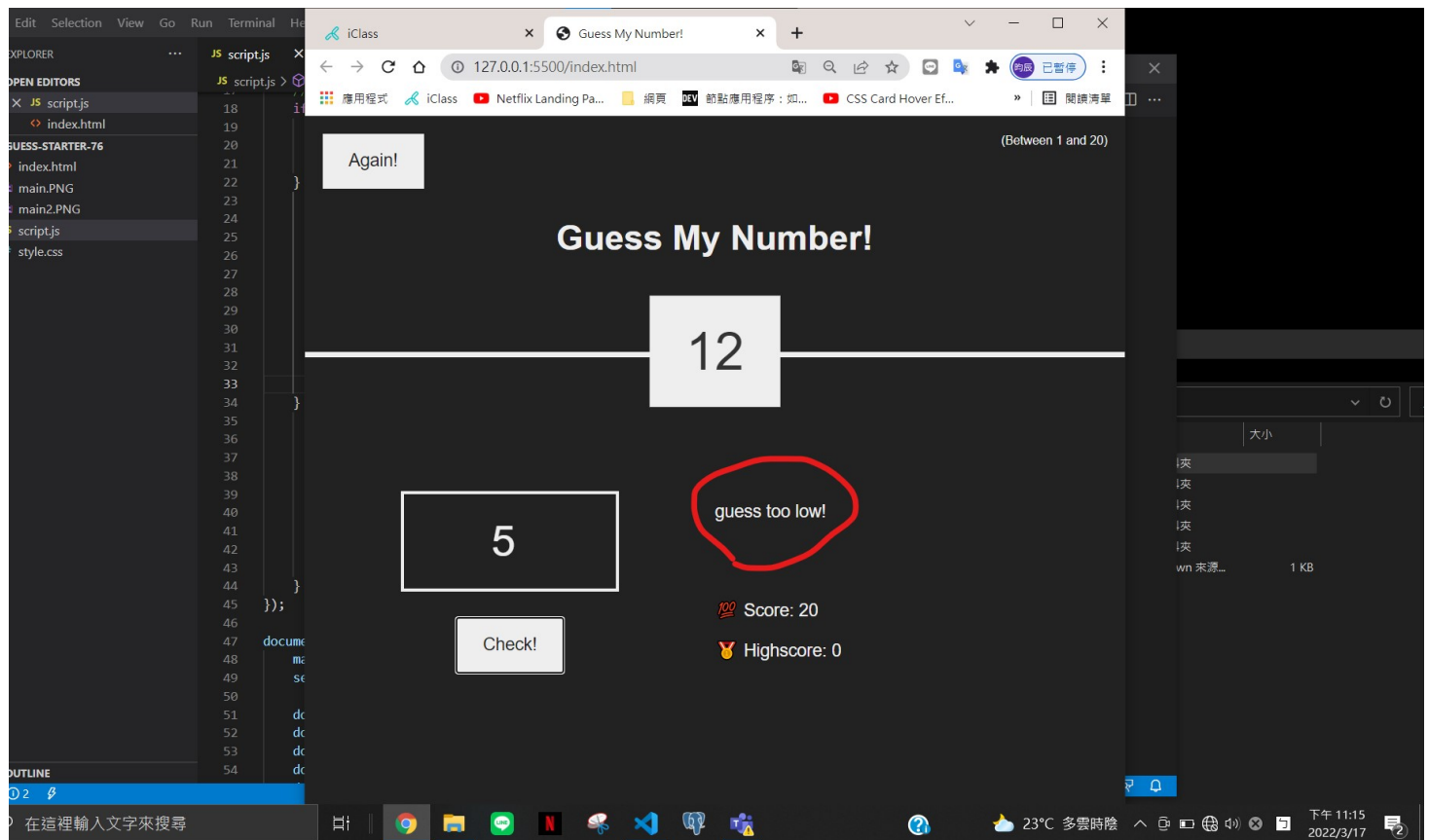
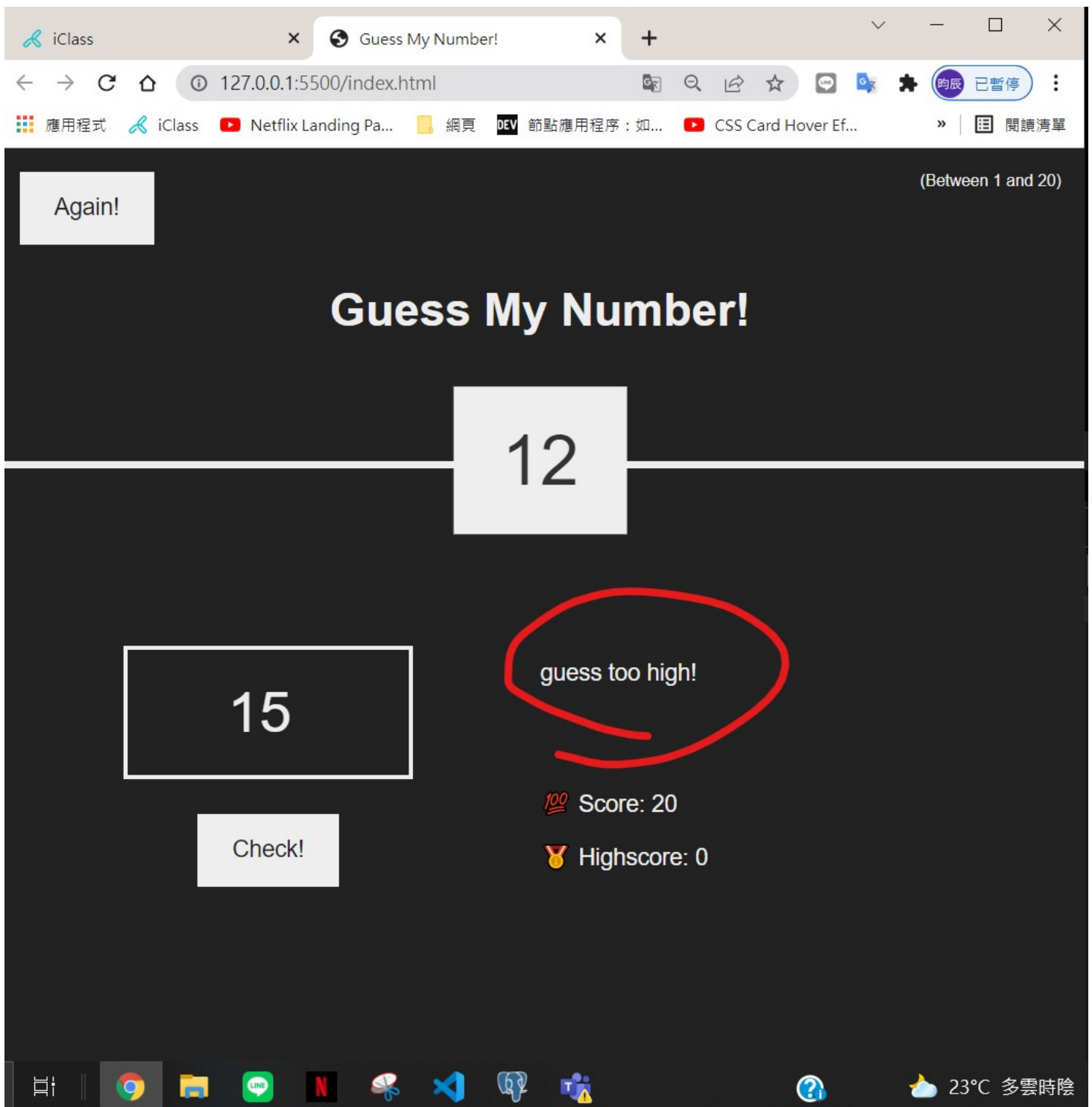


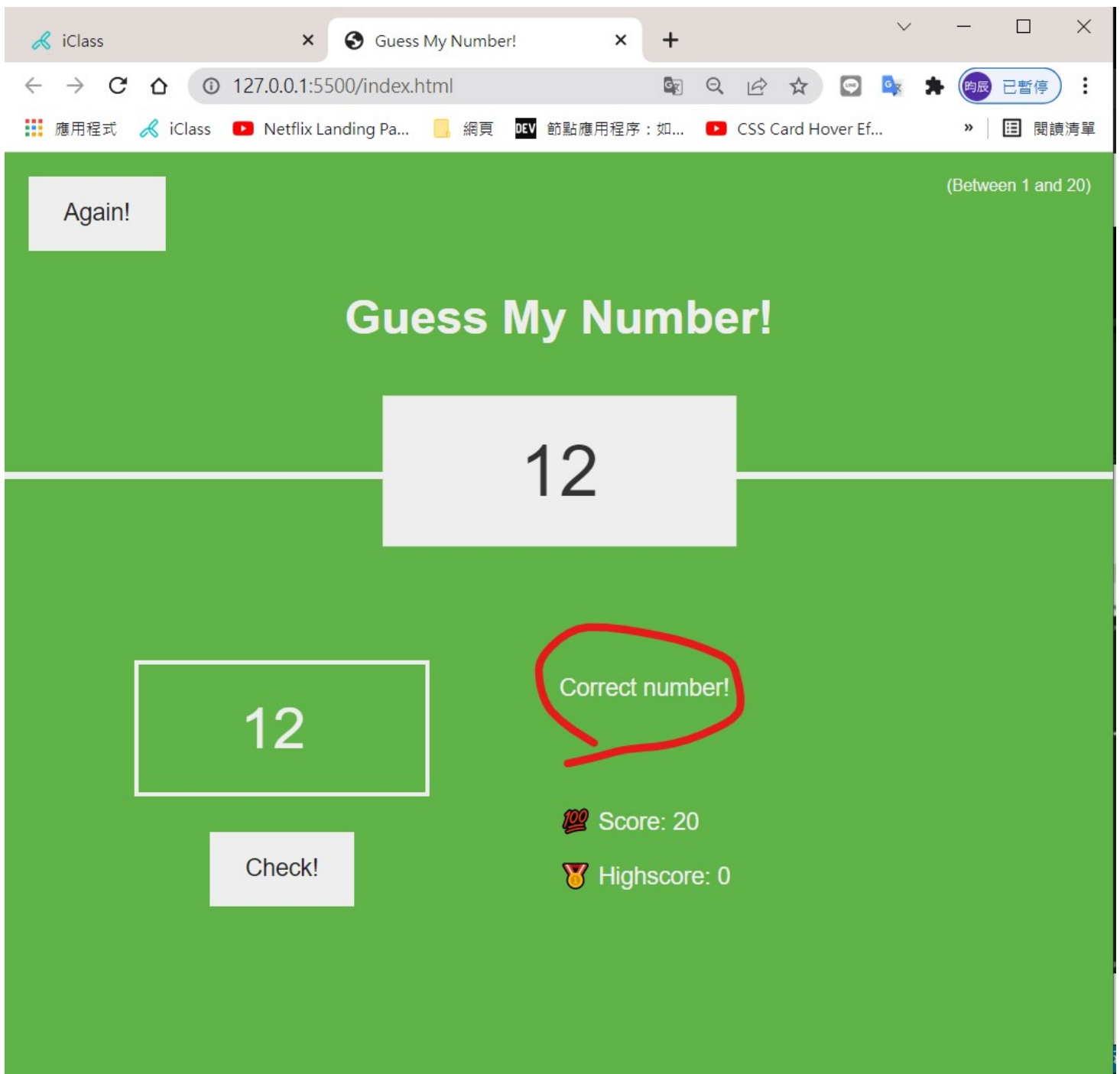
## p1 -- guess low



## p2 -- guess high



**p3 -- Correct number**



p4 -- JS\_CODE

```

'use strict';

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--;
      document.querySelector('.max').textContent = max;
    } else {
      displayMessage('You lost the game!');
      document.querySelector('.max').textContent = 0;
    }
  }
});

document.querySelector('.again').addEventListener('click', function () {
  max = 20;
  secretNumber = Math.trunc(Math.random() * 20) + 1;

```

```
document.querySelector('.message').textContent = 'Start guessing...';
document.querySelector('.max').textContent = max;
document.querySelector('.number').textContent = '?';
document.querySelector('.guess').value = '';
document.querySelector('body').style.backgroundColor = '#222';
document.querySelector('.number').style.width = '15rem';
});
```