

B11018013 林祺蓁

```

> //check if the number is positive

const number = prompt("Enter a number: ");

// check if number is greater than 0
if (number > 0) {
  // the body of the if statement
  console.log("The number is positive");
}

console.log("The if statement is easy");
Uncaught SyntaxError: Invalid or unexpected token
> //check if the number is positive

const number = prompt("Enter a number: ");

// check if number is greater than 0
if (number > 0) {
  // the body of the if statement
  console.log("The number is positive");
}

console.log("The if statement is easy");
The number is positive
The if statement is easy
< undefined
>
```

```

> //program to display text 5 times
const n = 5;
//looping from i = 1 to 5
for (let i = 1; i <= n; i++) {
  console.log(`I love JavaScript.`);
}
5 I love JavaScript. VM415:5
< undefined

> // program to display numbers from 1 to 5
const n = 5;
// looping from i = 1 to 5
// in each iteration, i is increased by 1
for (let i = 1; i <= n; i++) {
  console.log(i); //printing the value of i
}
1 VM917:6
2 VM917:6
3 VM917:6
4 VM917:6
5 VM917:6
< undefined
>
```

```
< undefined

> // program to display the sum of natural numbers
let sum = 0;
const n = 100
// looping from i = 1 to n
// in each iteration, i is increased by 1
for (let i = 1; i <= n; i++) {
    sum += i; // sum = sum + i
}
console.log(`sum:`, sum);

sum: 5050 VM1409:9

< undefined

>
```

