

JS pattern.js X

JS pattern.js > ...

```
1  const rows = 5;
2  let result = '';
3
4  for (let i = 1; i <= rows; i++) {
5      let row = '';
6      for (let j = 1; j <= rows - i; j++) {
7          row += ' ';
8      }
9
10
11     for (let k = 1; k <= 2 * i - 1; k++) {
12         row += k;
13     }
14     result += row + '\n';
15 }
16
17 console.log(result);
18
19
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\Lenovo\OneDrive\Desktop\M4 Practice> node pattern.js

```
1
123
12345
1234567
123456789
```

PS C:\Users\Lenovo\OneDrive\Desktop\M4 Practice> █

```
JS pattern.js X
JS pattern.js > ...
1  const numberOfRows = 5;
2  for (let i = 1; i <= numberOfRows; i++) {
3      let row = '';
4      for (let j = 1; j <= numberOfRows - i; j++) {
5          row += ' ';
6      }
7
8      for (let k = 1; k <= i; k++) {
9          row += k + ' ';
10     }
11     console.log(row);
12 }
13
14
15
16
17 for (let i = numberOfRows - 1; i >= 1; i--) {
18     let row = '';
19     for (let j = 1; j <= numberOfRows - i; j++) {
20         row += ' ';
21     }
22
23     for (let k = 1; k <= i; k++) {
24         row += k + ' ';
25     }
26     console.log(row);
27 }
28
29
```

PS C:\Users\Lenovo\OneDrive\Desktop\4 Practice> node pattern.js

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
PS C:\Users\Lenovo\OneDrive\Desktop\4 Practice>
```

```
JS pattern.js X
JS pattern.js > ...
1  const numberOfRows = 5;
2  for (let i = 1; i <= numberOfRows; i++) {
3      let rowPattern = '';
4      for (let j = i; j >= 2; j--) {
5          rowPattern += j + ' ';
6      }
7      rowPattern += '1';
8      console.log(rowPattern);
9  }
10
11
12
13  for (let i = numberOfRows - 1; i >= 1; i--) {
14      let rowPattern = '';
15      for (let j = i; j >= 2; j--) {
16          rowPattern += j + ' ';
17      }
18      rowPattern += '1';
19      console.log(rowPattern);
20  }
```

```
PS C:\Users\Lenovo\OneDrive\Desktop\M
4 Practice> node pattern.js
1
2 1
3 2 1
4 3 2 1
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1
PS C:\Users\Lenovo\OneDrive\Desktop\M
4 Practice>
```

JS pattern.js X

```
JS pattern.js > ...
```

```
1 let n = 5;
2 let pattern = "";
3
4 for (let i = n; i >= 1; i--) {
5   for (let j = 1; j <= n - i; j++) {
6     pattern += " ";
7   }
8
9
10  for (let k = 1; k <= 2 * i - 1; k++) {
11    pattern += k;
12  }
13
14  pattern += "\n";
15 }
16
17 console.log(pattern);
```

```
console.log(pattern);
```

```
PS C:\Users\Lenovo\OneDrive\Desktop\M4 Practice> node pattern.js
```

123456789  
1234567  
12345  
123  
1

```
PS C:\Users\Lenovo\OneDrive\Desktop\M
4 Practice>
```