

```

for (let i = 1; i ≤ 5; i++) {
  let pattern = "";
  for (let j = 1; j ≤ i; j++) {
    pattern += "x";
  }
  console.log(pattern);
}

```

```

x
x x
x x x
x x x x
x x x x x

```

Dry Run

~~when i = 1~~  
Step: 1

for 1st iteration

i = 1

j = 1

Pattern  
[x]

2nd iteration

i = 2

j = 1, 2

[x x]

3rd iteration

i = 3

j = 1, 2, 3

[x x x]

4th iteration

i = 4

j = 1, 2, 3, 4

[x x x x]

5th iteration

i = 5

j = 1, 2, 3, 4, 5

[x x x x x]

Final output

```

x
x x
x x x
x x x x
x x x x x

```

for (let i = 0; i < 5; i++) {

for (let j = 1; j < 2; j++) {

console.log(j);

}

console.log(i);

}  
for First iteration  
when i = 0;

j = 1, 2

i = 0

for 2nd iteration  
when i = 1

j = 1, 2

i = 1

3rd iteration  
when i = 2

j = 1, 2

i = 2

4th iteration  
when i = 3

j = 1, 2,

i = 3

5th iteration  
when i = 4

j = 1, 2

i = 4

6th iteration  
when i = 5

j = 1, 2

i = 5