**Guess the output:**

```js
const arr1 = [1, [2, 3]];
const arr2 = JSON.parse(JSON.stringify(arr1));
arr2[1][0] = 4;

console.log(arr1[1][0]);                2
```

```js
const obj1 = { a: 1, b: { c: 2 } };
const obj2 = { ...obj1 };
obj2.b.c = 3;

console.log(obj1.b.c);                 3
```

```js
let z = undefined;
z ??= 40;

console.log(z);                    40
```

```js
let y = null;
y ||= 30;

console.log(y);              30
```

```js
let x = 10;
x &&= 20;

console.log(x);          20
```

```js
const value = 0;

console.log(value ?? 10);              0

console.log(value || 10);             10
```

```js
const value = null;
console.log(value ?? "Default");        Default
```

```js
const obj = { a: { b: { c: 10 } } };
console.log(obj.a?.b?.c);              10
console.log(obj.x?.y?.z);           undefined
```

```js
const user = { name: "Alice", address: { city: "Wonderland" } };
console.log(user.address?.city);      Alice
console.log(user.contact?.phone);      undefined
```

```js
function greet(name = "Guest") {
  return `Hello, ${name}!`;
}
console.log(greet());                Hello , Guest !
console.log(greet("Alice"));         Hello , Alice !
```

```
function sum(...nums) {
  return nums.reduce((acc, num) => acc + num, 0);
}
console.log(sum(1, 2, 3, 4));          10
```

```
const arr1 = [1, 2];
const arr2 = [3, 4];
const combined = [...arr1, ...arr2];
console.log(combined);       [1,2,3,4]
```

```
const obj = { a: 1, b: 2 };
const { a = 10, c = 30 } = obj;
console.log(a, c);                1 30
```

```
const nums = [1, 2, 3];
const [first, ...rest] = nums;
console.log(first, rest);      1 [2,3]
```

```
const { x, y } = { x: 10, y: 20, z: 30 };
console.log(x, y);            10 20
```

```
const [a, b] = [1, 2, 3];
console.log(a, b);                1 2
```

```
const name = "Bob";
const age = 30;
const user = { name, age };
console.log(user);       {name: 'BOB', age : 30}
```

```
const a = 10;
const b = 20;
console.log(`Sum: ${a + b}`); Sum: 30
```

```
function sum(...nums) {
  return nums.reduce((acc, num) => acc + num, 0);
}
console.log(sum(1, 2, 3, 4));
```