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@CODE.CLASH

Write Less Do More With ES6

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Hey Everyone 👋

in this post, I will share with you some strategies of ES6 new syntax for write less and do more.

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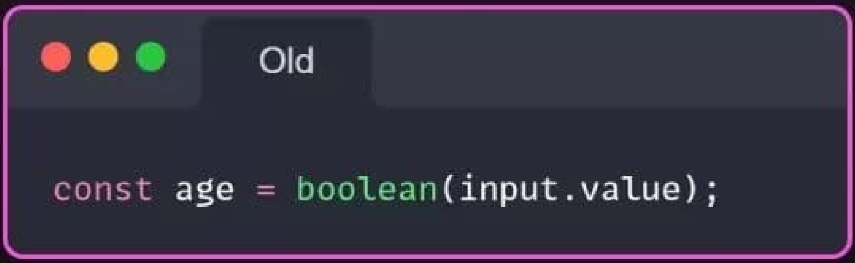
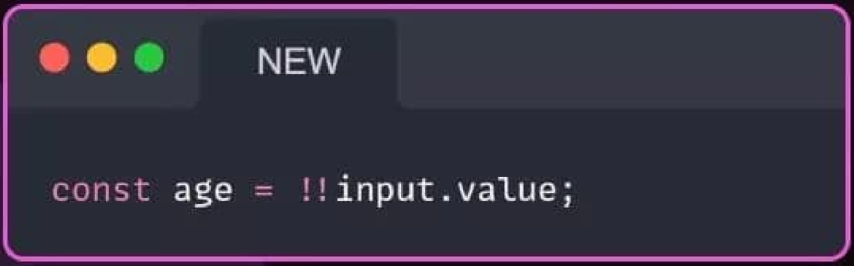
Boolean Casting

- Recommended method according to Airbnb's style guide.



```
const age = boolean(input.value);
```



```
const age = !!input.value;
```

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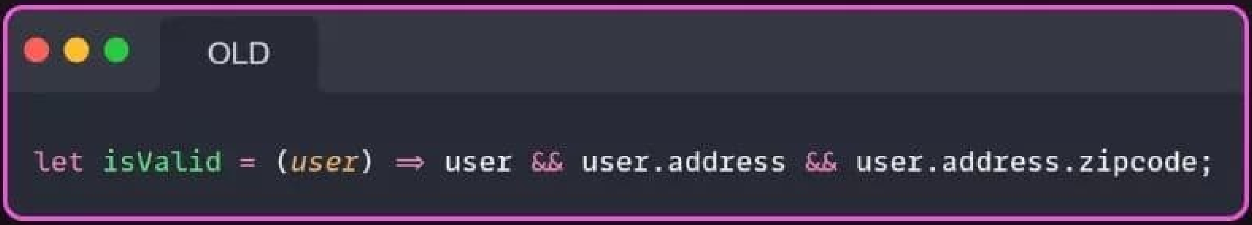
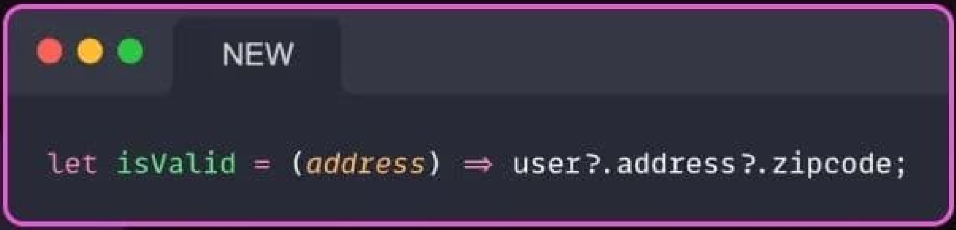
Optional Chaining

- Reading deeply nested property without the hassle of checking each time of its validity.



```
let isValid = (user) => user && user.address && user.address.zipcode;
```



```
let isValid = (address) => user?.address?.zipcode;
```

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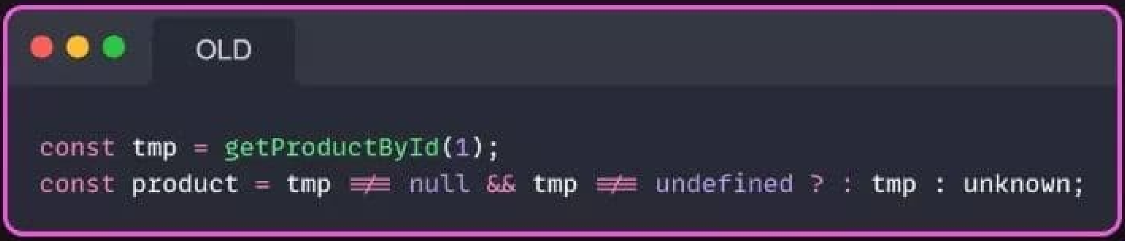
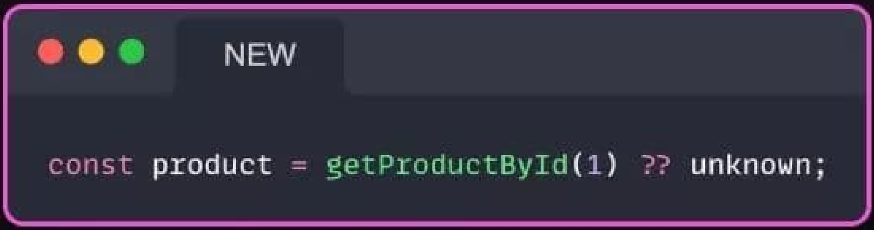
Nullish Coalescing

- Returns the right hand when the left-hand operand is null or undefined.



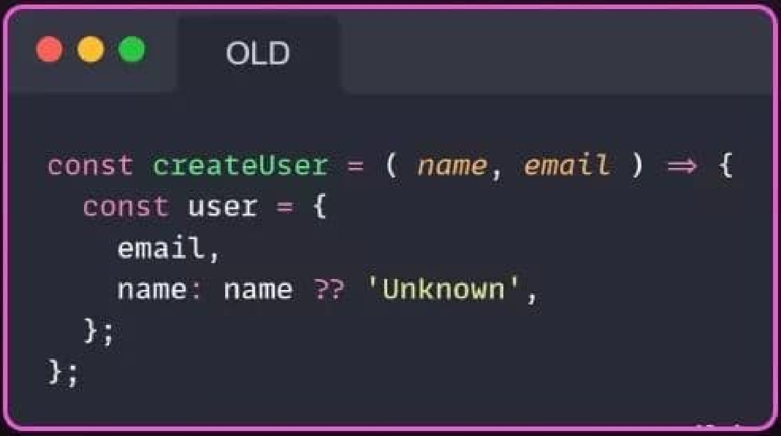
```
const tmp = getProductById(1);
const product = tmp !== null && tmp !== undefined ? : tmp : unknown;
```



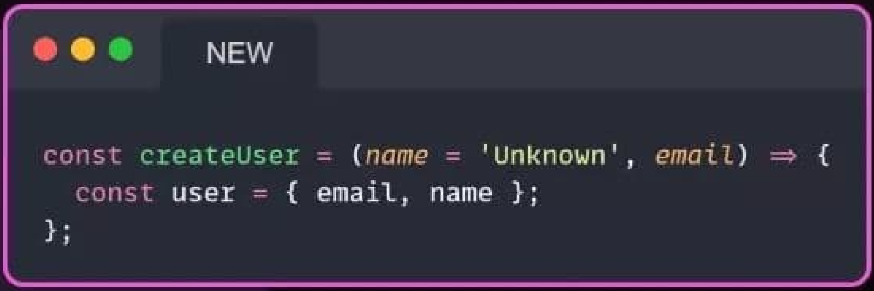
```
const product = getProductById(1) ?? unknown;
```

Default Params

- Intuitive and straight forward default values for function parameter.



```
const createUser = ( name, email ) => {
  const user = {
    email,
    name: name ?? 'Unknown',
  };
};
```



```
const createUser = (name = 'Unknown', email) => {
  const user = { email, name };
};
```

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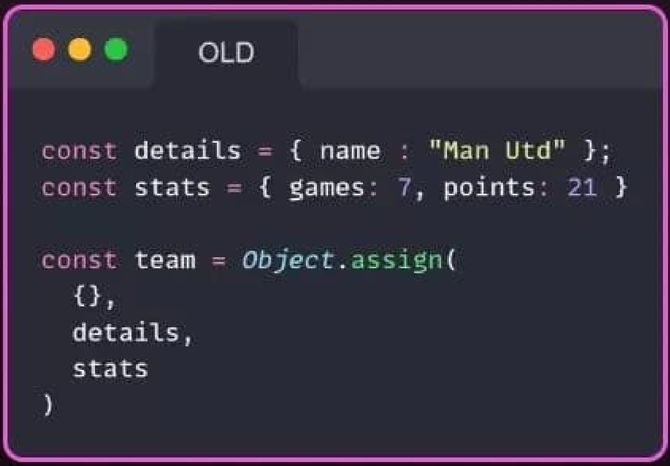
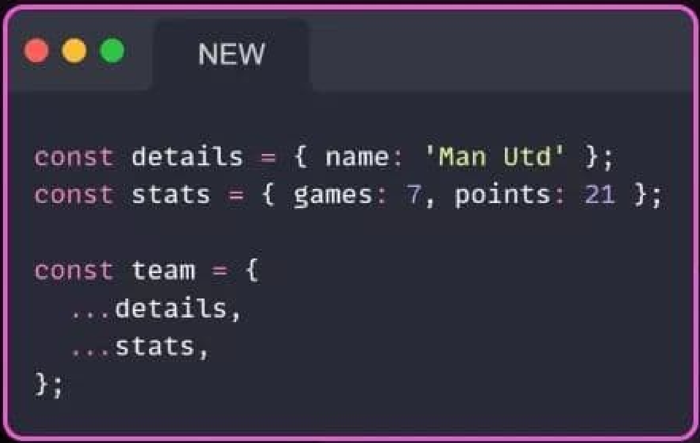
Spread Operator

- Merge two object into the one using this cool syntax.



```
const details = { name : "Man Utd" };
const stats = { games: 7, points: 21 }

const team = Object.assign(
  {},
  details,
  stats
)
```

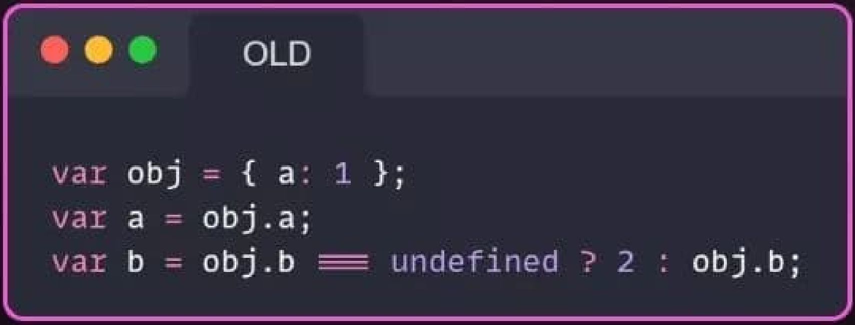


```
const details = { name: 'Man Utd' };
const stats = { games: 7, points: 21 };

const team = {
  ...details,
  ...stats,
};
```

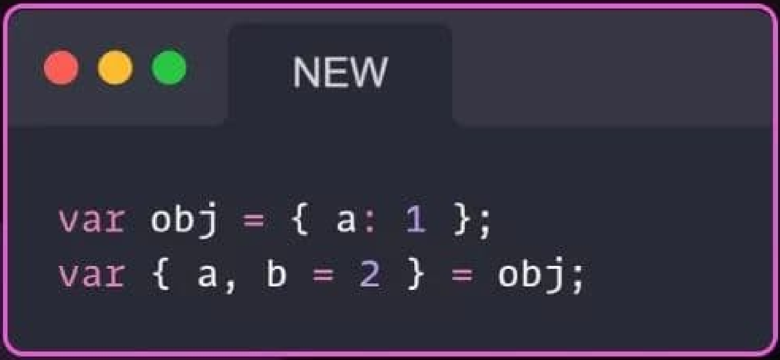
Destructring Object

- write less code by unpacking properties from object into distict variables.



OLD

```
var obj = { a: 1 };
var a = obj.a;
var b = obj.b === undefined ? 2 : obj.b;
```



NEW

```
var obj = { a: 1 };
var { a, b = 2 } = obj;
```

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