JAVASCRIPT TRICKY OUTPUT-BASED QUESTIONS

@DimpleKumari

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What's the output?

```
let randomValue = { name: "Dimple" }
randomValue = 23

if (!typeof randomValue === "string") {
        console.log("It's not a string!")
} else {
        console.log("Yay it's a string!")
}
```

- A: `It's not a string!`
- B: `Yay it's a string!`
- C: `TypeError`
- D: `undefined`

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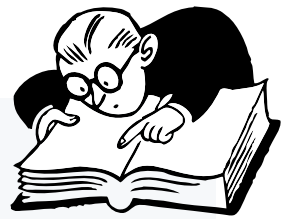
What's the output?



```
const user = {
        email: "my@email.com",
        updateEmail: email => {
                this.email = email
        }
}

user.updateEmail("new@email.com")
console.log(user.email)
```

- A: `my@email.com`
- B: `new@email.com`
- C: `undefined`
- D: `ReferenceError`

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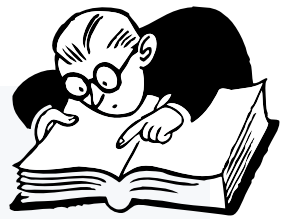
What's the output?



```
const fruit = ['🍌', '🍊', '🍎']

fruit.slice(0, 1)
fruit.splice(0, 1)
fruit.unshift('🍇')

console.log(fruit)
```

- A: ['🍌', '🍊', '🍎']
- B: ['🍊', '🍎']
- C: ['🍇', '🍊', '🍎']
- D: ['🍇', '🍌', '🍊', '🍎']

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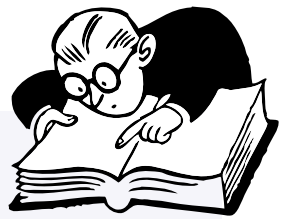
What's the output?



```
class Calc {
        constructor() {
                this.count = 0
        }

        increase() {
                this.count++
        }
}

const calc = new Calc()
new Calc().increase()

console.log(calc.count)
```

- A: `0`
- B: `1`
- C: `undefined`
- D: `ReferenceError`

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What's the output?

```
let count = 0;
const nums = [0, 1, 2, 3];

nums.forEach(num => {
        if (num) count += 1
})

console.log(count)
```

- A: 1
- B: 2
- C: 3
- D: 4

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What's the output?

```
class Bird {
  constructor() {
    console.log("I'm a bird. 🦢");
  }
}

class Flamingo extends Bird {
  constructor() {
    console.log("I'm pink. 🌸");
    super();
  }
}

const pet = new Flamingo();
```

- A: `I'm pink. 🌸`
- B: `I'm pink. 🌸` `I'm a bird. 🦢`
- C: `I'm a bird. 🦢` `I'm pink. 🌸`
- D: Nothing, we didn't call any method

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What's the output?

```
const person = {
  name: 'DimpleKumari',
  hobbies: ['coding'],
};

function addHobby(hobby, hobbies = person.hobbies) {
  hobbies.push(hobby);
  return hobbies;
}

addHobby('running', []);
addHobby('dancing');
addHobby('baking', person.hobbies);

console.log(person.hobbies);
```

- A: `["coding"]`
- B: `["coding", "dancing"]`
- C: `["coding", "dancing", "baking"]`
- D: `["coding", "running", "dancing", "baking"]`

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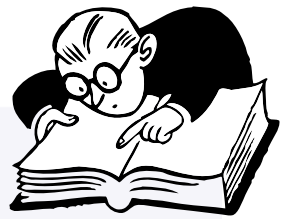
What's the output?



```
class Counter {
  #number = 10

  increment() {
    this.#number++
  }

  getNum() {
    return this.#number
  }
}

const counter = new Counter()
counter.increment()

console.log(counter.#number)
```

- A: `10`
- B: `11`
- C: `undefined`
- D: `SyntaxError`

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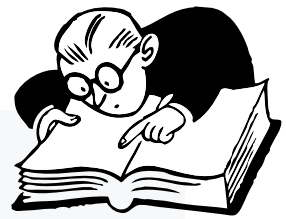
What's the output?



```
const add = x => x + x;

function myFunc(num = 2, value = add(num)) {
  console.log(num, value);
}

myFunc();
myFunc(3);
```

- A: `2` `4` and `3` `6`
- B: `2` `NaN` and `3` `NaN`
- C: `2` `Error` and `3` `6`
- D: `2` `4` and `3` `Error`

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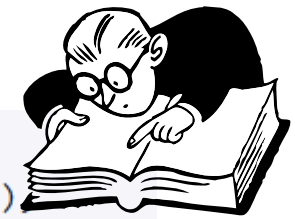
What's the output?



```
const handler = {
  set: () => console.log('Added a new property!'),
  get: () => console.log('Accessed a property!'),
};

const person = new Proxy({}, handler);

person.name = 'Dimple';
person.name;
```

- A: `Added a new property!`
- B: `Accessed a property!`
- C: `Added a new property!` `Accessed a property!`
- D: Nothing gets logged

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What's the output?

```
// sum.js
export default function sum(x) {
  return x + x;
}

// index.js
import * as sum from './sum';
```

- A: `sum(4)`
- B: `sum.sum(4)`
- C: `sum.default(4)`
- D: Default aren't imported with `*`, only named exports

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What's the output?

```
class Counter {
  constructor() {
    this.count = 0;
  }

  increment() {
    this.count++;
  }
}

const counterOne = new Counter();
counterOne.increment();
counterOne.increment();

const counterTwo = counterOne;
counterTwo.increment();

console.log(counterOne.count);
```

- A: `0`
- B: `1`
- C: `2`
- D: `3`

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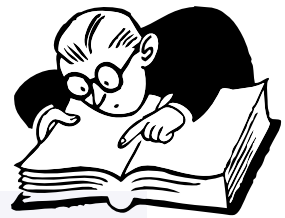
What's the output?



```
const myPromise = Promise.resolve('Woah some cool data');

(async () => {
  try {
    console.log(await myPromise);
  } catch {
    throw new Error(`Oops didn't work`);
  } finally {
    console.log('Oh finally!');
  }
})();
```

- A: `Woah some cool data`
- B: `Oh finally!`
- C: `Woah some cool data` `Oh finally!`
- D: `Oops didn't work` `Oh finally!`

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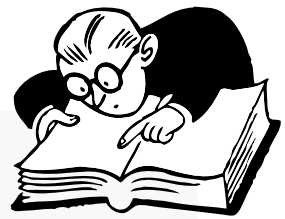
What's the output?



```
const add = x => y => z => {
  console.log(x, y, z);
  return x + y + z;
};

add(4)(5)(6);
```

- A: `4` `5` `6`
- B: `6` `5` `4`
- C: `4` `function` `function`
- D: `undefined` `undefined` `6`

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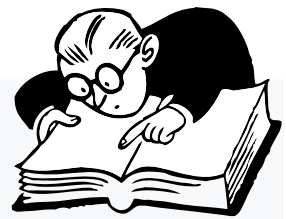
What's the output?



```
let config = {
  alert: setInterval(() => {
    console.log('Alert!');
  }, 1000),
};

config = null;
```

- A: The `setInterval` callback won't be invoked
- B: The `setInterval` callback gets invoked once
- C: The `setInterval` callback will still be called every second
- D: We never invoked `config.alert()`, config is `null`

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What's the output?

```
let name = 'Dimple';

function getName() {
  console.log(name);
  let name = 'Twinkle';
}

getName();
```

- A: Dimple
- B: Twinkle
- C: `undefined`
- D: `ReferenceError`

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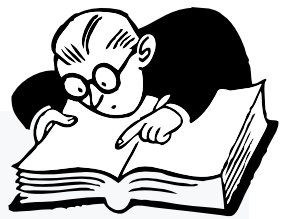
What's the output?



```
const colorConfig = {
  red: true,
  blue: false,
  green: true,
  black: true,
  yellow: false,
};

const colors = ['pink', 'red', 'blue'];

console.log(colorConfig.colors[1]);
```

- A: `true`
- B: `false`
- C: `undefined`
- D: `TypeError`

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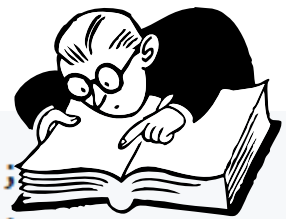
What's the output?



```
const one = false || {} || null;
const two = null || false || '';
const three = [] || 0 || true;

console.log(one, two, three);
```

- A: `false` `null` `[]`
- B: `null` `""` `true`
- C: `{}` `""` `[]`
- D: `null` `null` `true`

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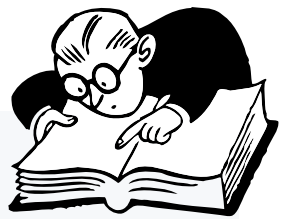
What's the output?



```
const name = 'Dimple';

console.log(name());
```

- A: `SyntaxError`
- B: `ReferenceError`
- C: `TypeError`
- D: `undefined`

What's the output?

```
let newList = [1, 2, 3].push(4);

console.log(newList.push(5));
```

- A: `[1, 2, 3, 4, 5]`
- B: `[1, 2, 3, 5]`
- C: `[1, 2, 3, 4]`
- D: `Error`

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THANK YOU FOR READING!

If you found this informative and valuable, I'd love for you to connect with me. Follow me Medium, Codepen, and connect with me on LinkedIn to stay updated on the latest in web development, interviews, and more.

Let's connect!

💼 **LinkedIn** — https://www.linkedin.com/in/dimple-kumari/

🔗 **Medium** — https://medium.com/@dimplekumari0228

✍️ **Codepen** — https://codepen.io/DIMPLE2802

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