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v2.2



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Welcome to Javascript



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JS

The Basics of Javascript



What is
Javascript



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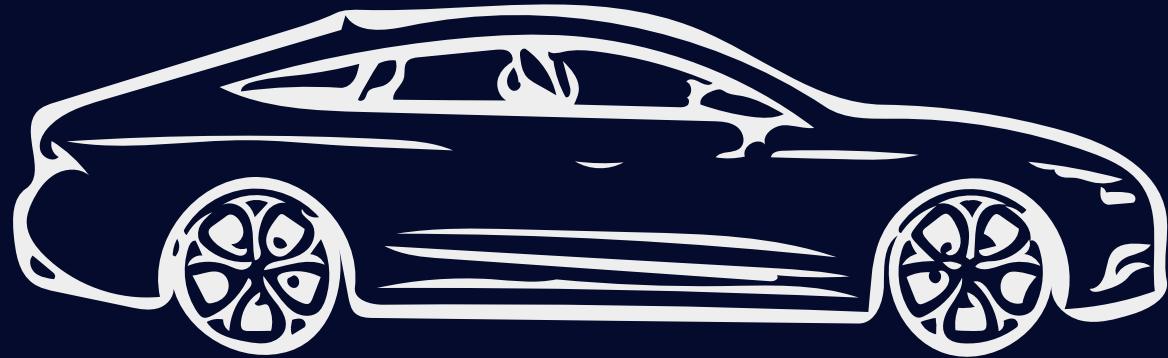
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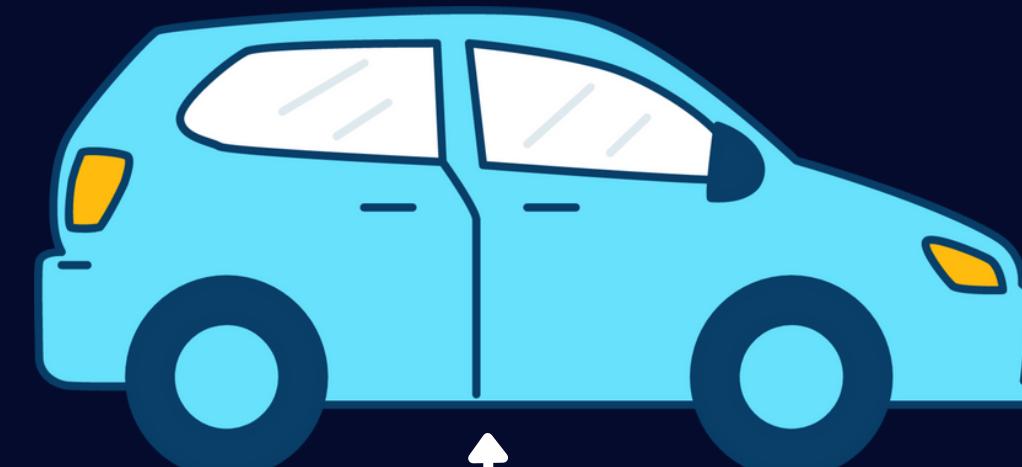
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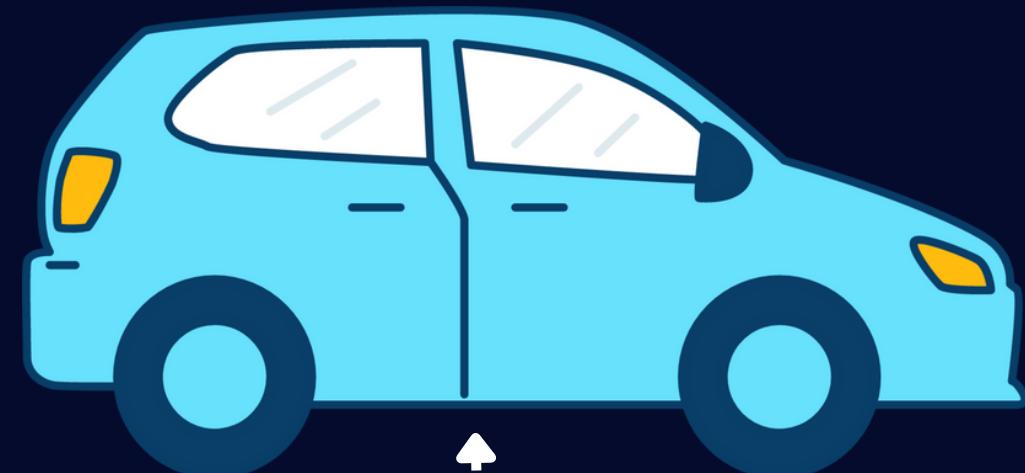
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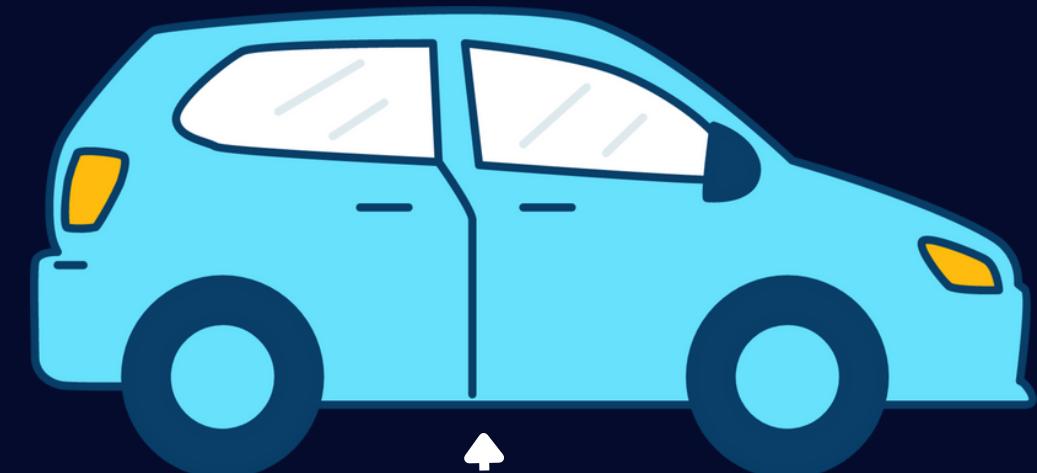
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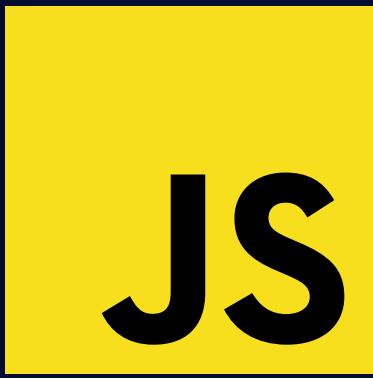
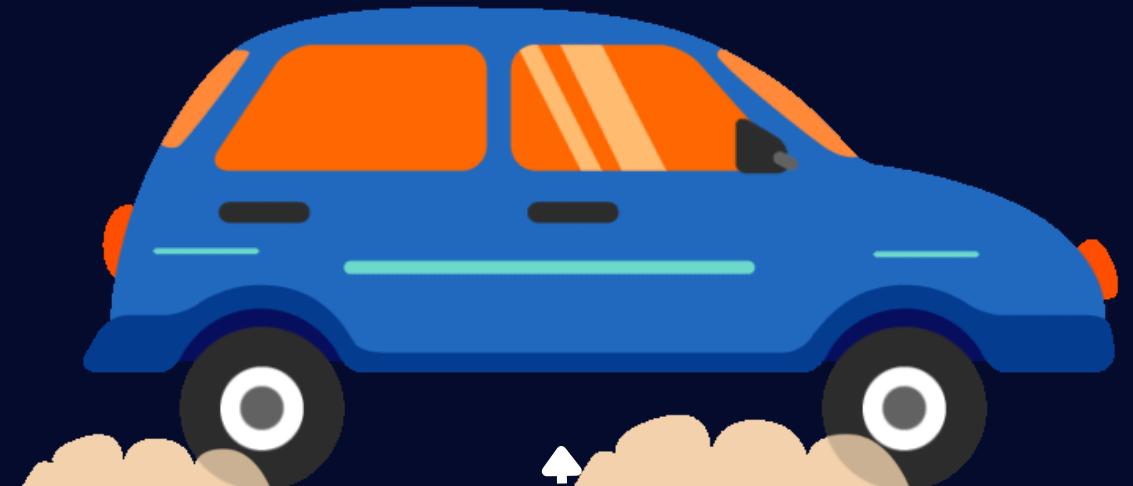
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Noun



Adjective



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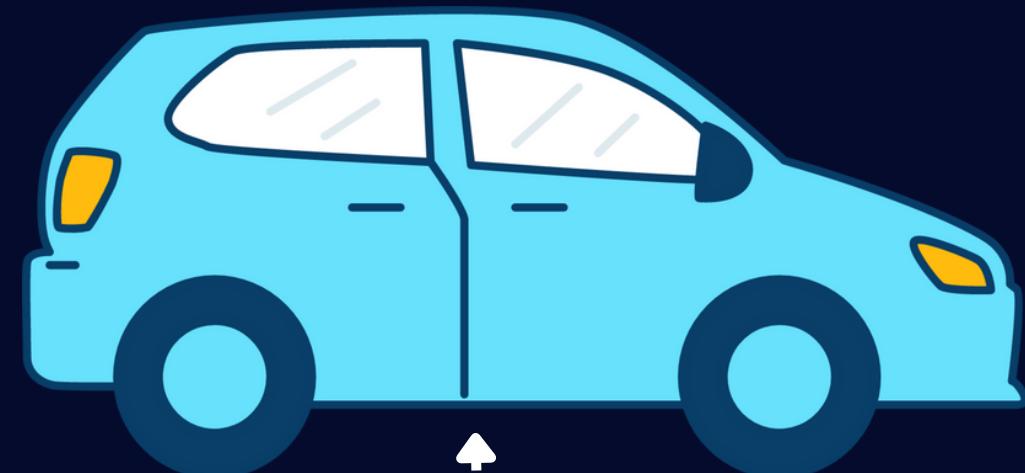
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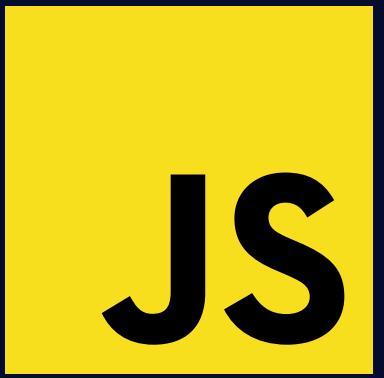
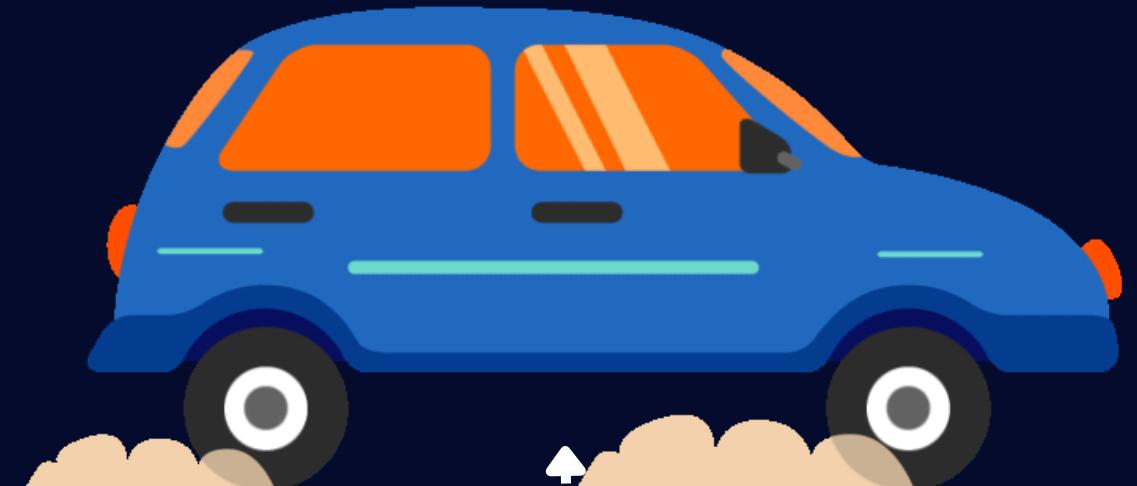
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Noun



Adjective



Verb



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How Does Javascript Work?



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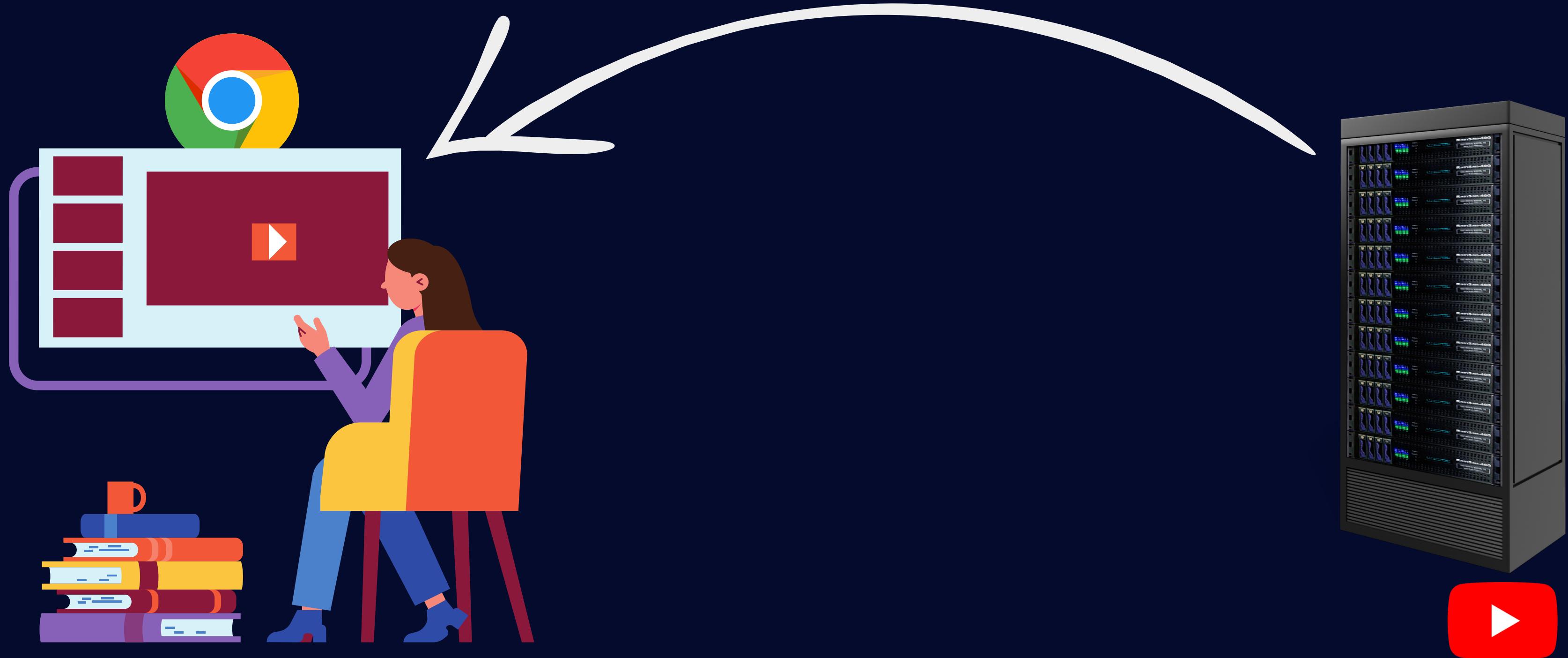
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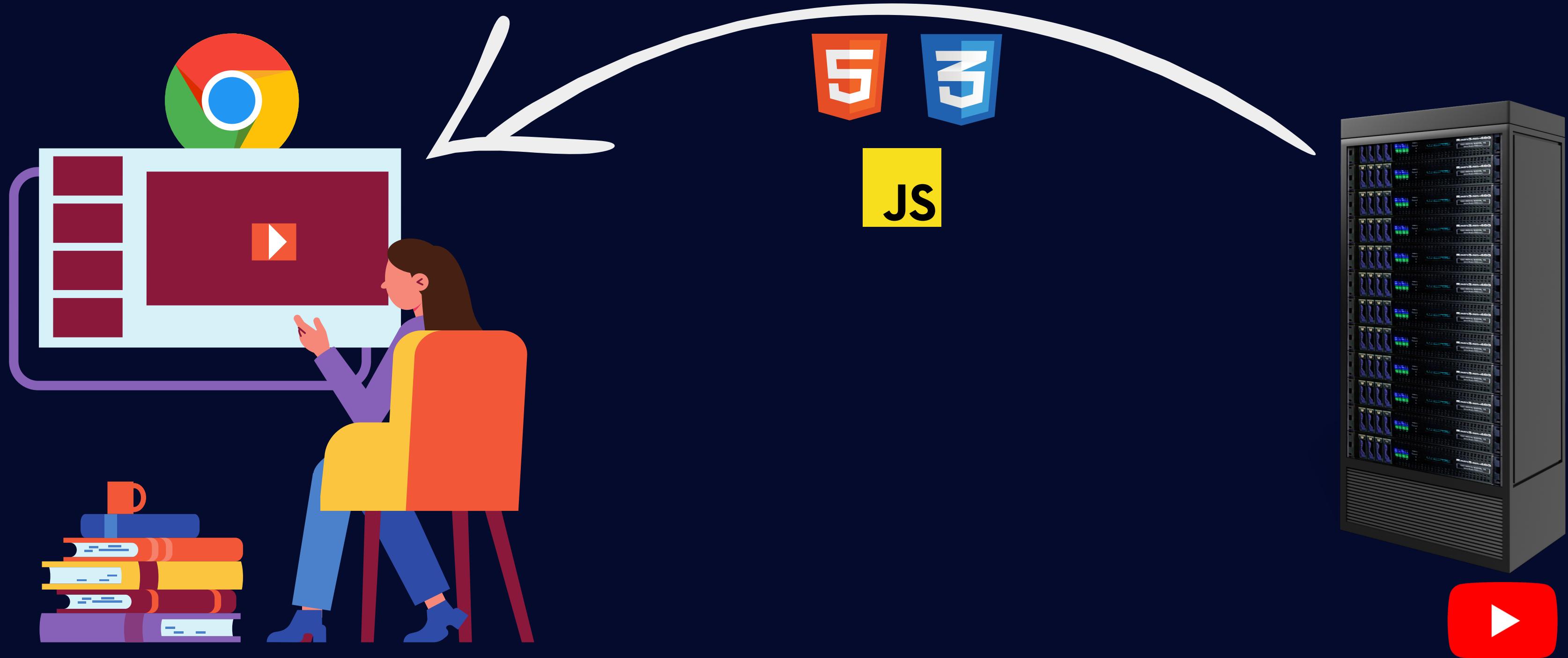
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View in browser console



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The Benefits of Javascript



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Javascript variables



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What is a variables ?



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JavaScript
variables are
used to store
data



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Basic rules of JavaScript syntax



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Variable naming conventions



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**BIG
DATA**



Javascript data types



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Javascript Operators



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Arithmetic operators



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Assignment operators



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Comparison operators



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Logical operators



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Conditional Statements



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Truthy and falsy values



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JavaScript Loops



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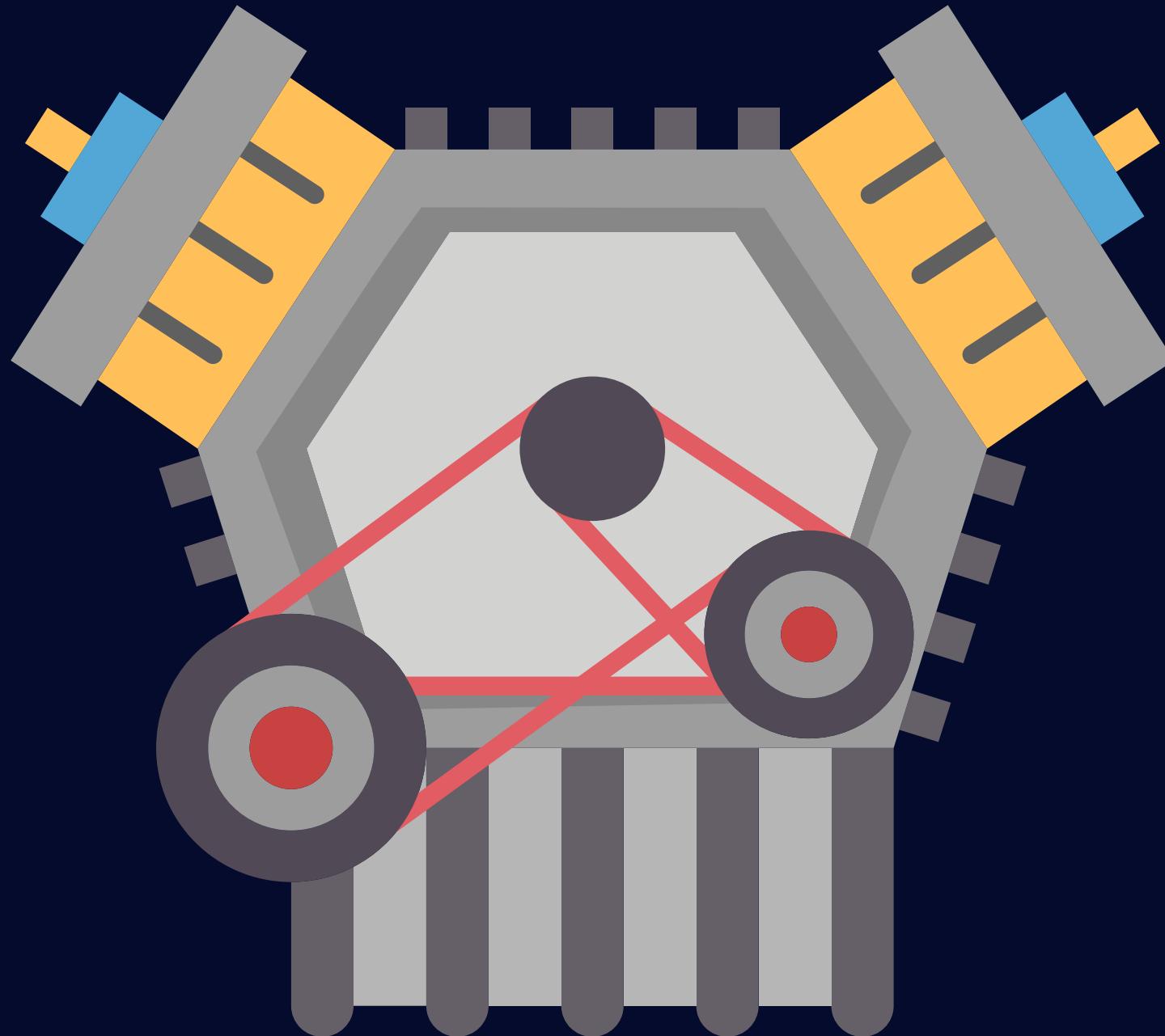


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Javascript Functions



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Functions Syntax



function declaration

```
function fnName(parameter) {  
    // code to be executed  
}
```



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Functions Syntax



function Expression

```
let fnName = function(parameter) {  
    // code to be executed  
}
```



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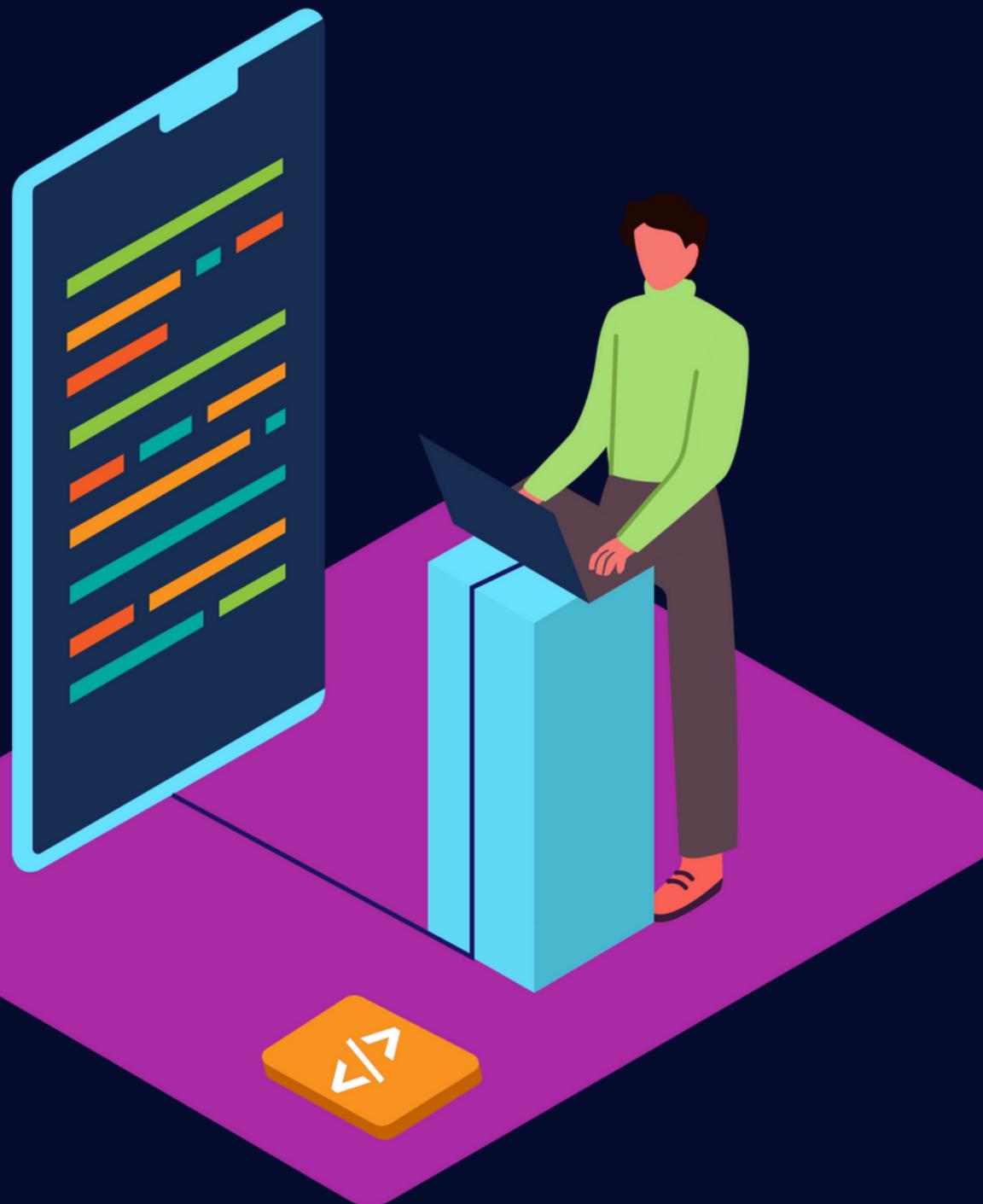
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Strings

```
1
2 const myString = "Hello World";
3
4 const myString2 = new String("Hello World");
5
```



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Javascript



ARRAYS

```
...  
1 const myArr = new Array("css", "html", "nodejs");  
2 //or  
3 const myArr2 = ["css", "html", "nodejs"];  
4  
5
```



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```
1 const myArr = new Array("css", "html", "nodejs");
2 //or
3 const myArr2 = ["css", "html", "nodejs"];
4
5           ↓   ↓   ↓
index 0 index 1 index 2
```

JS



ARRAYS OF BOOKS



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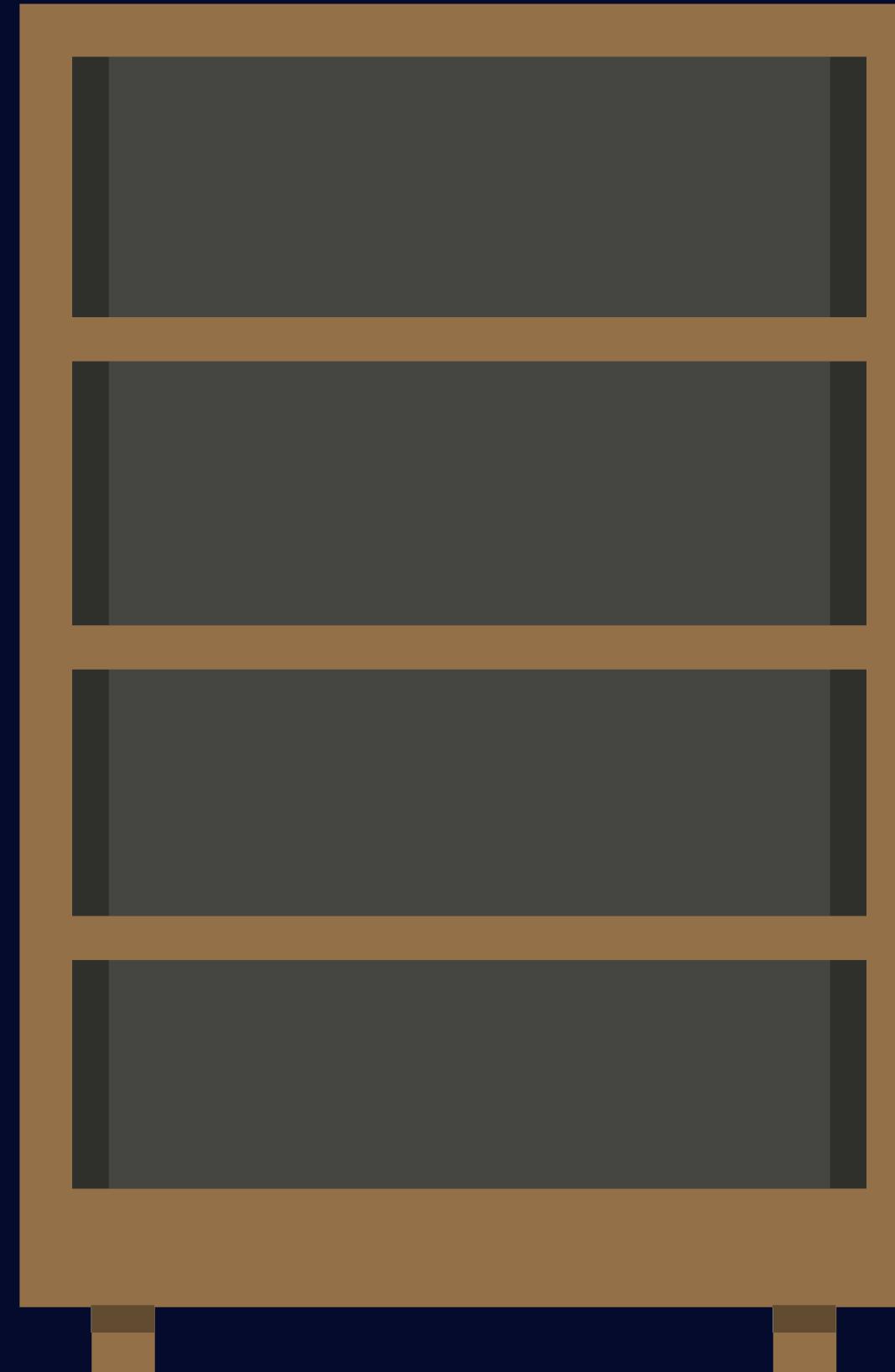
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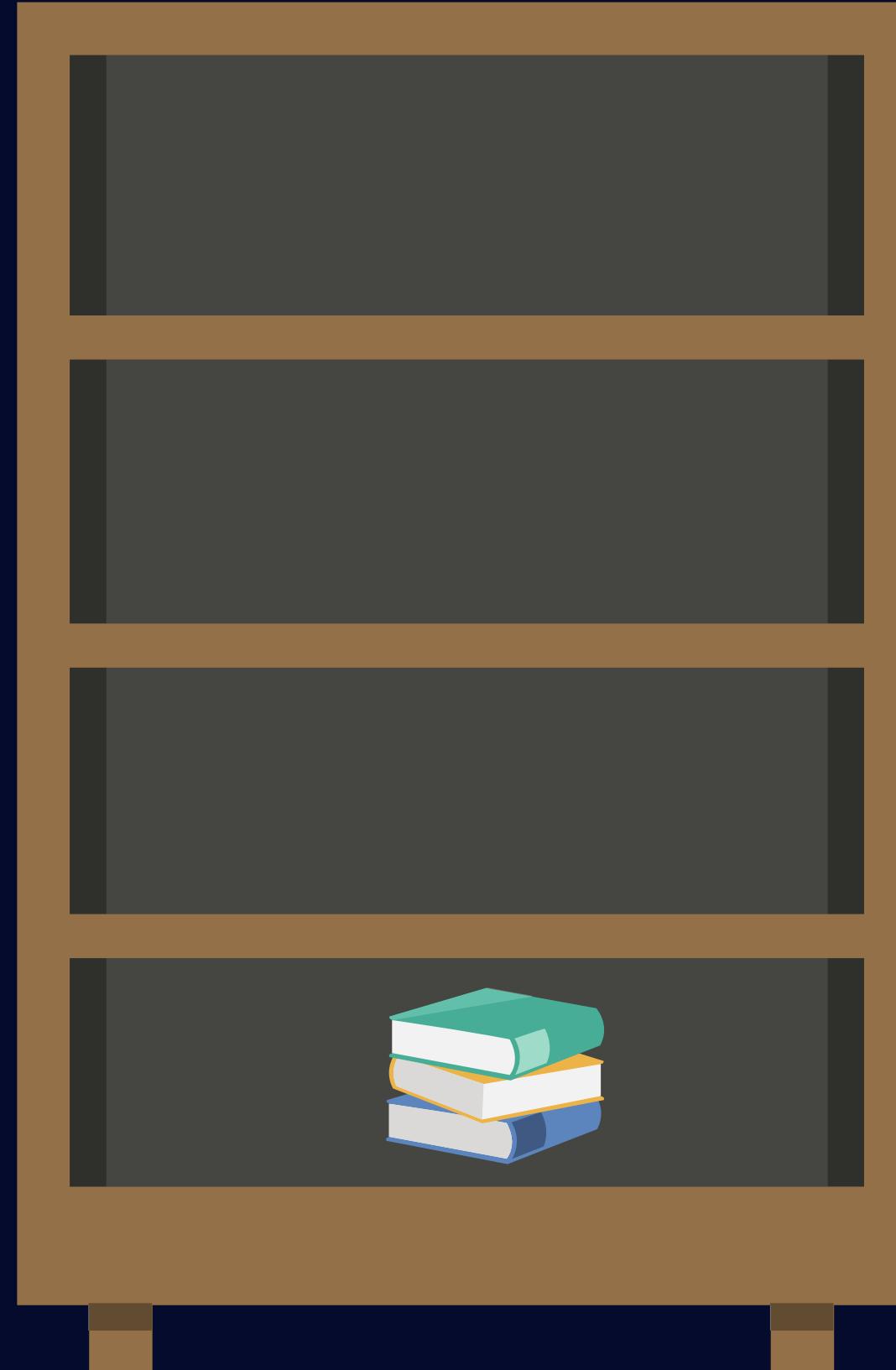
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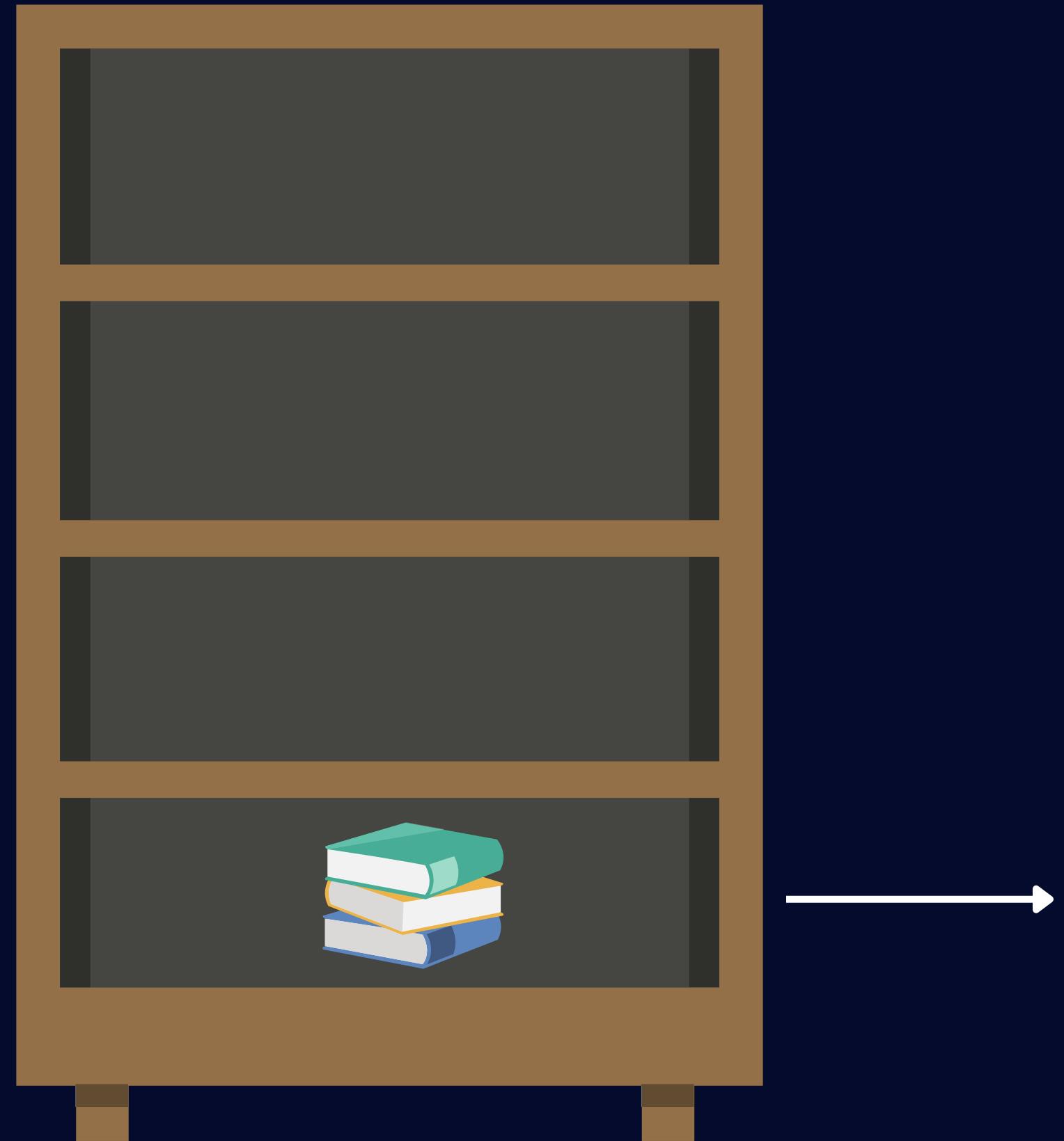
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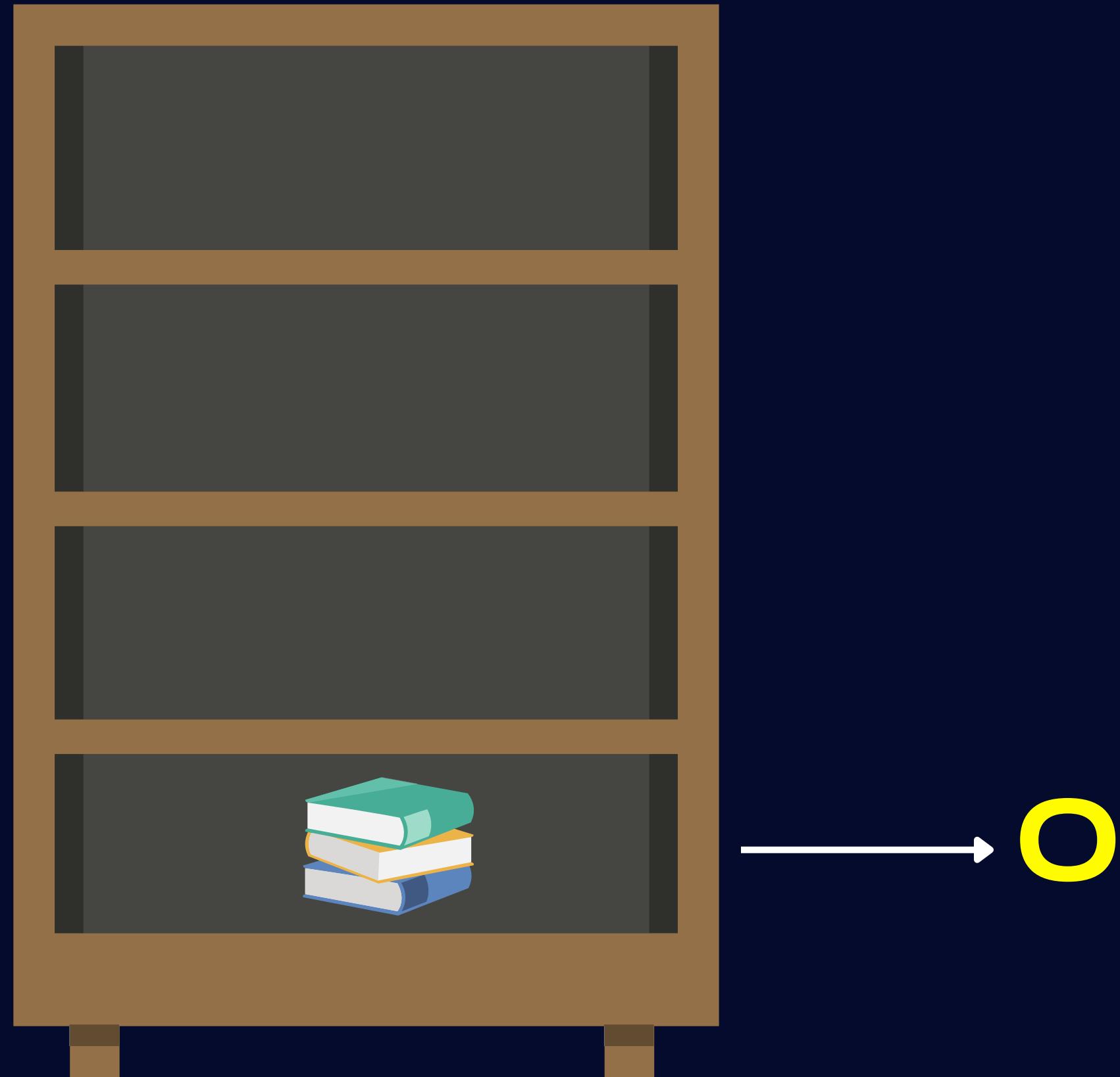
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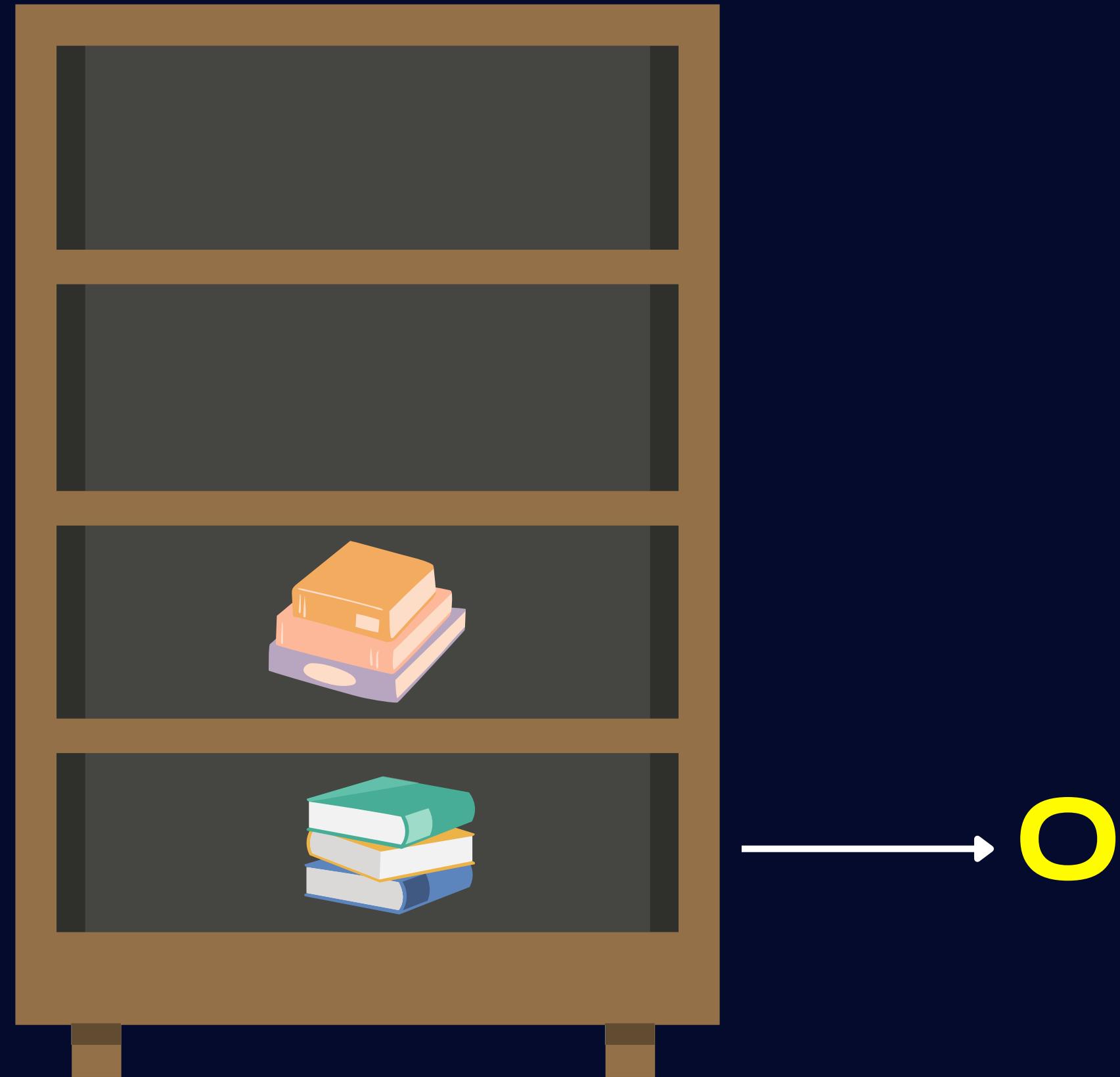
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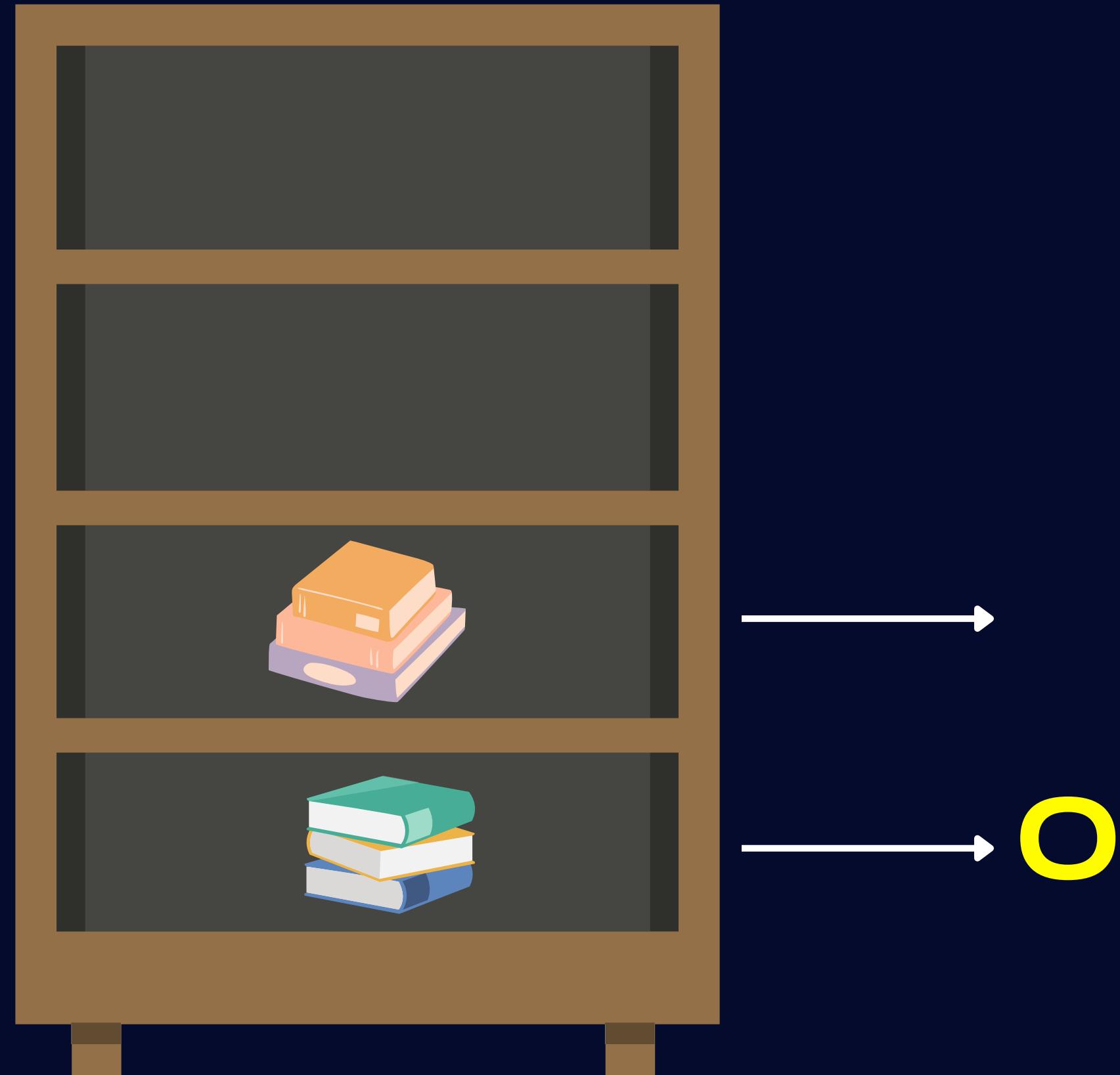
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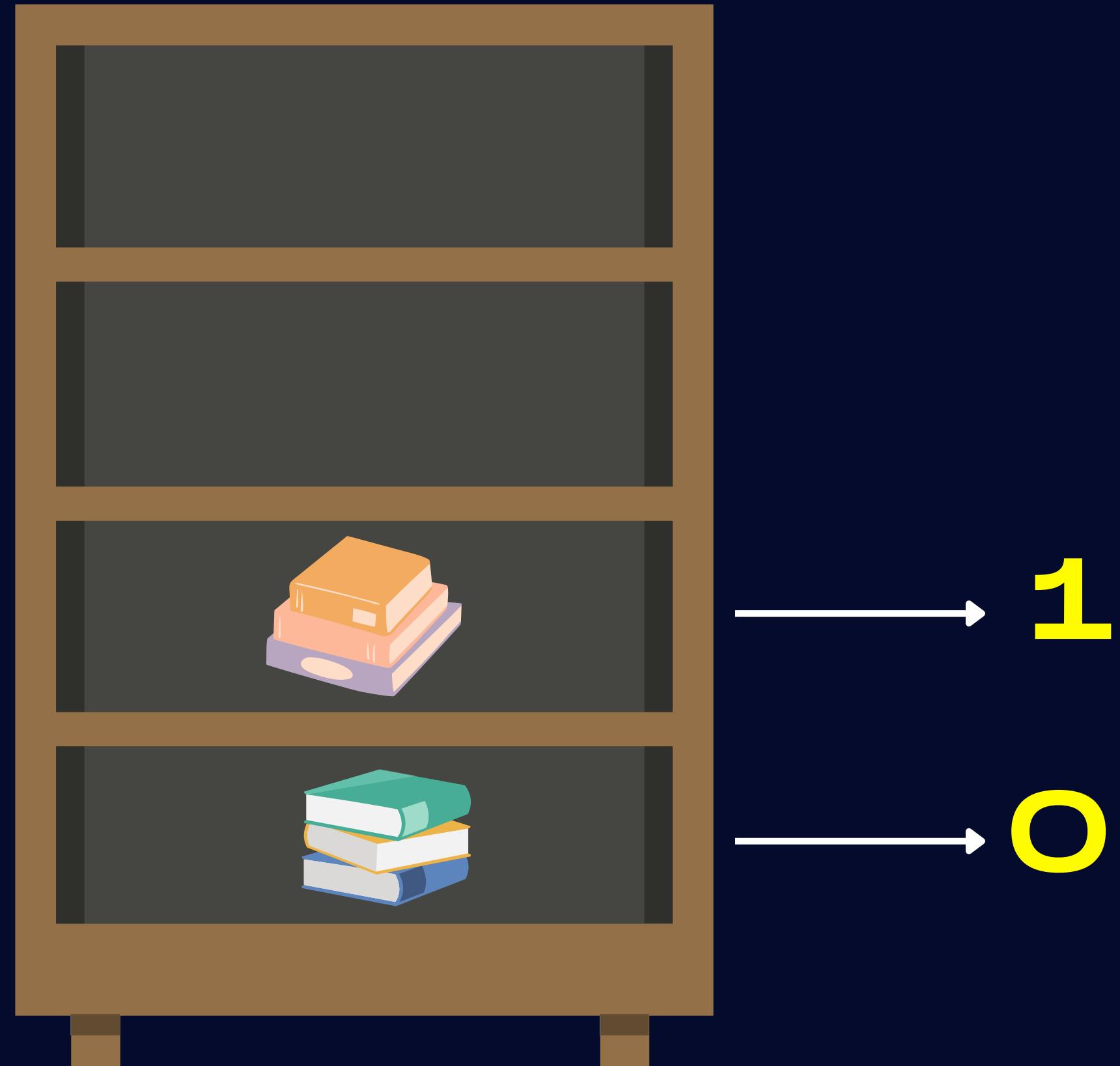
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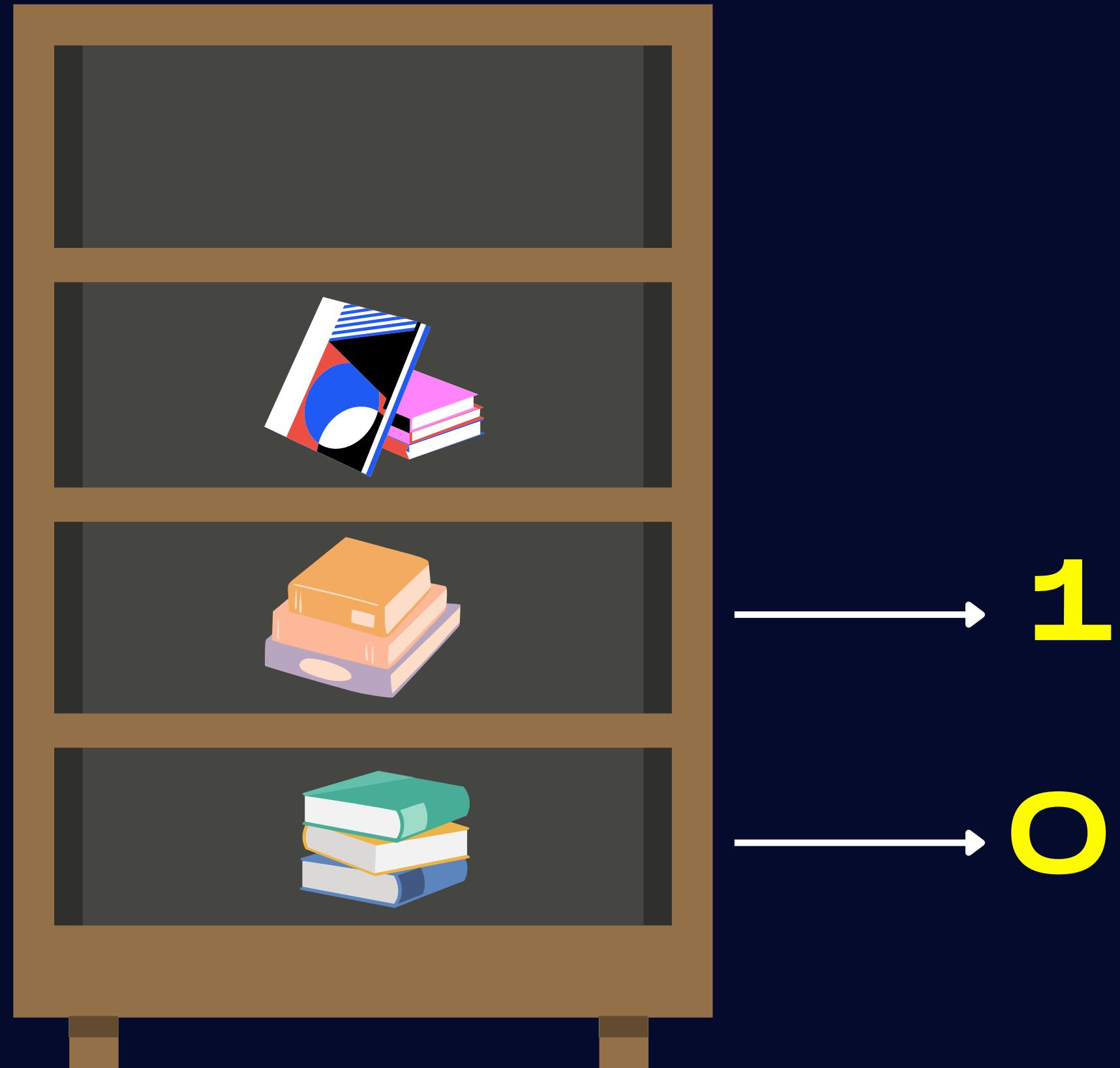
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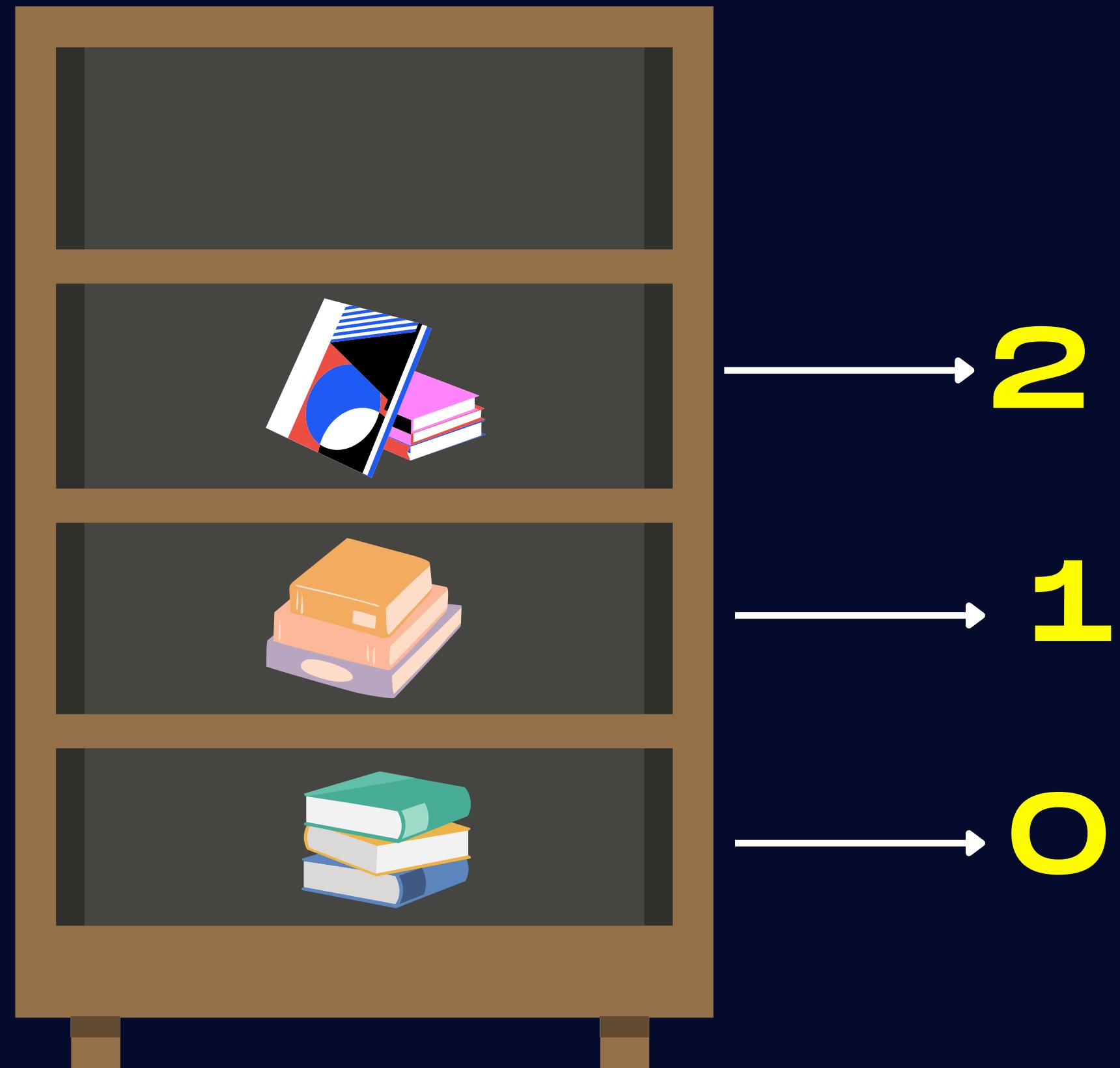
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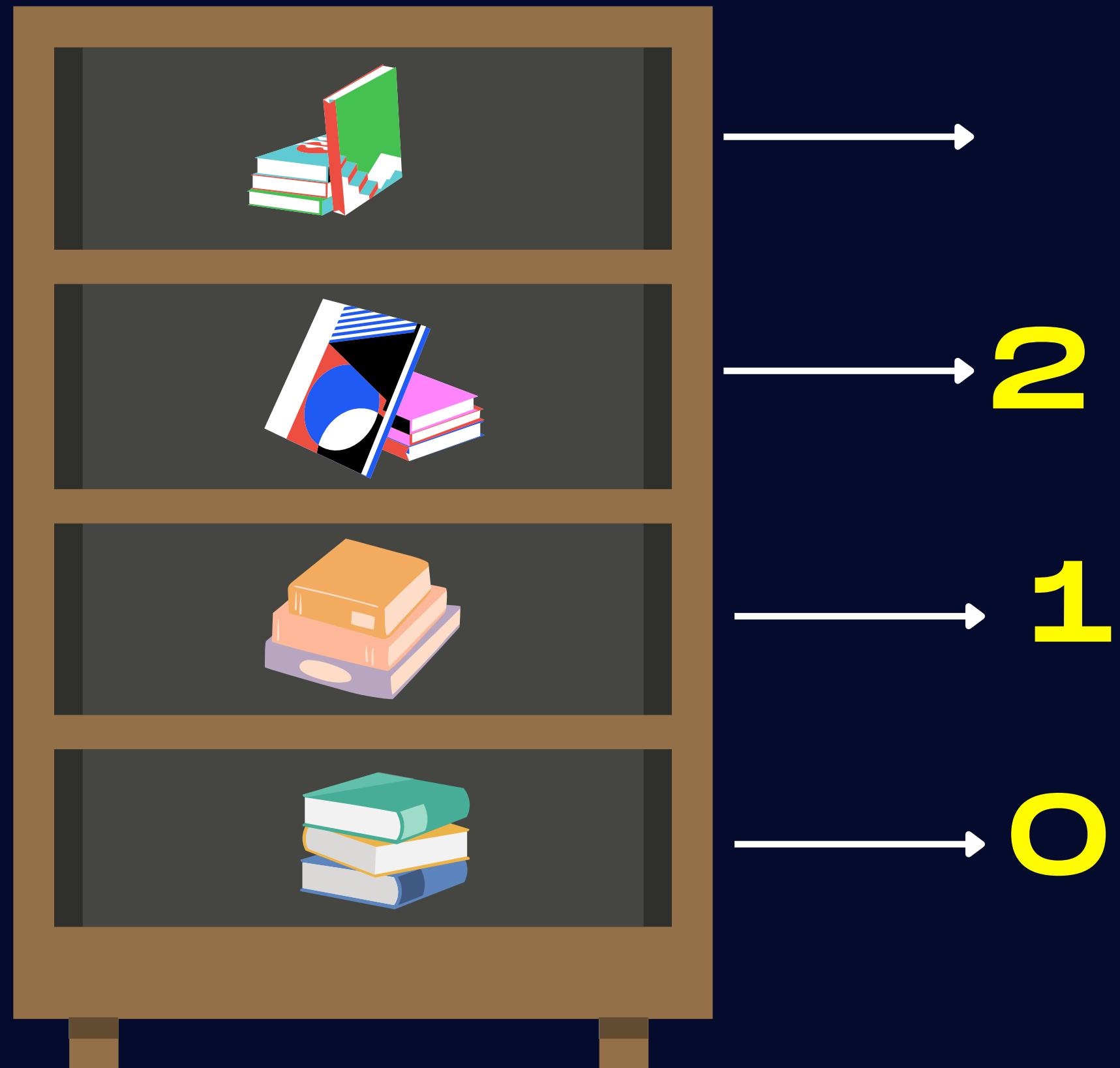
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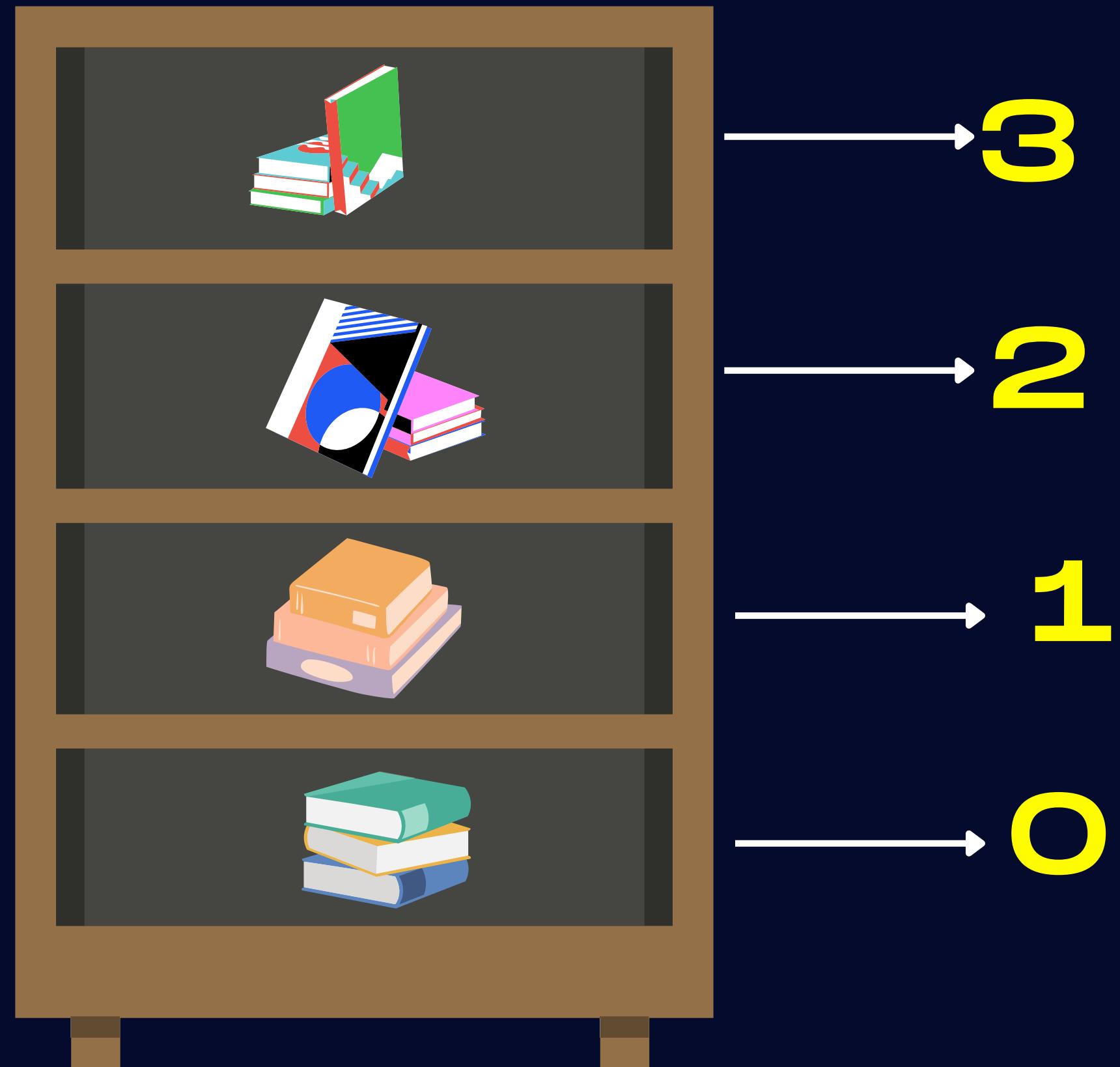
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Javascript Objects



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Person Object



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JS Syntax



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Properties

person.name = John

person[name] = John

person.age = 25

person[age] = 25

Methods

person.greet()

person.walk()

person.shout()

person.run()