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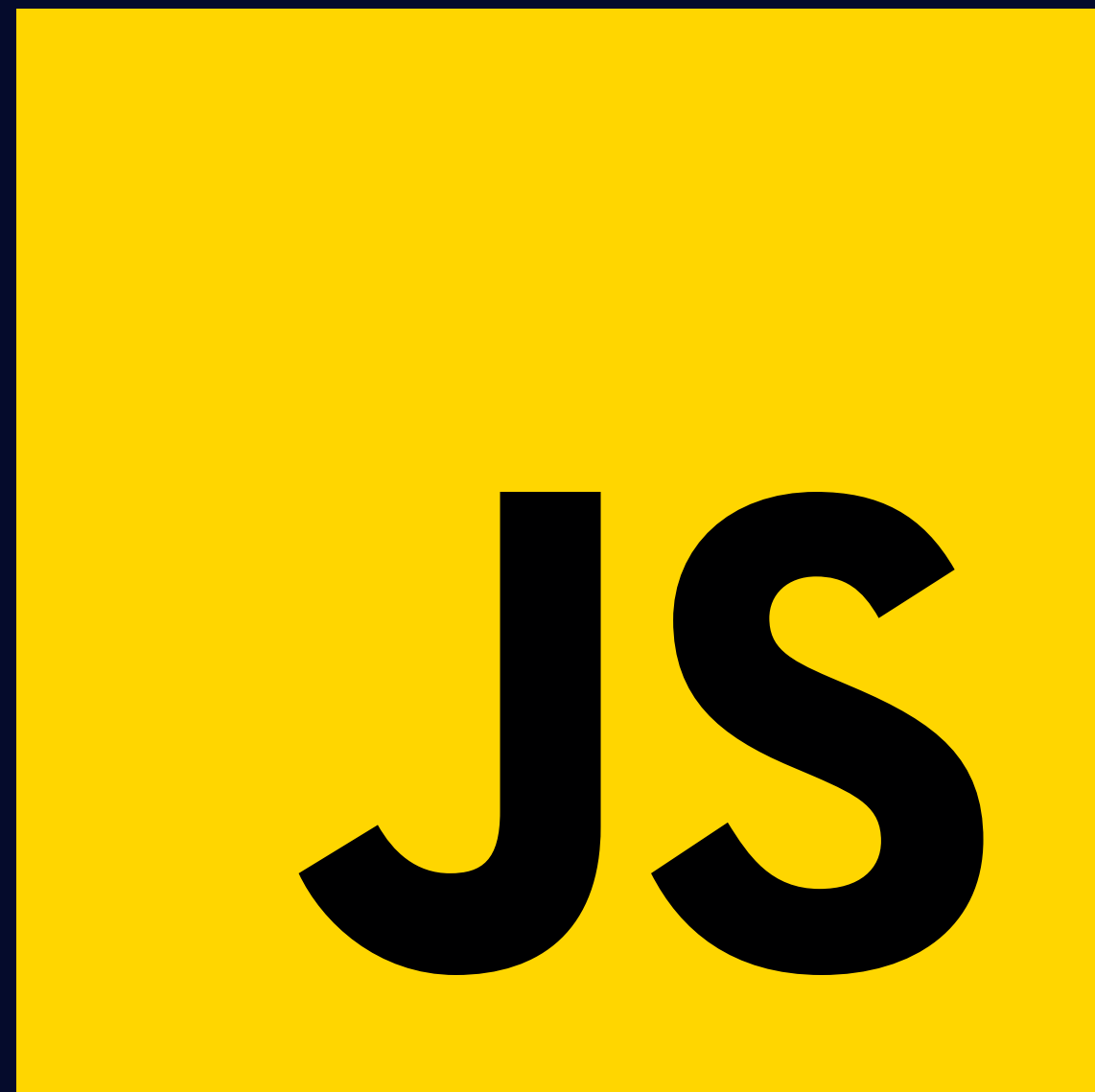
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Welcome to JavaScript



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JS

The Basics of Javascript



What is Javascript



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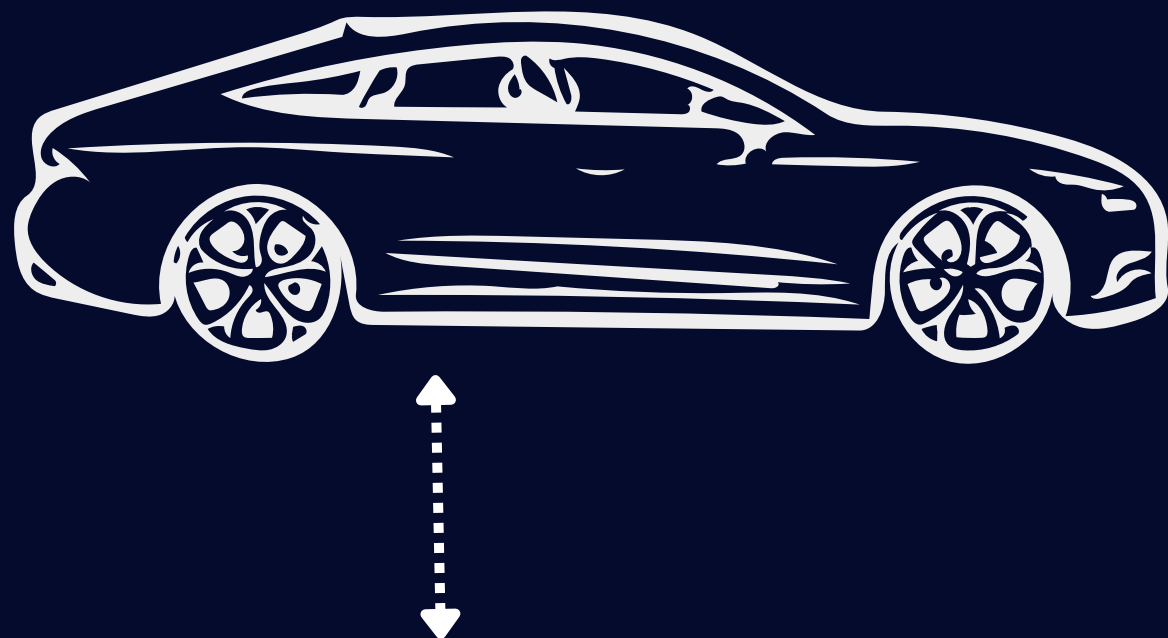
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JS

The Basics of Javascript



JS

The Basics of Javascript



Noun



JS

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Noun

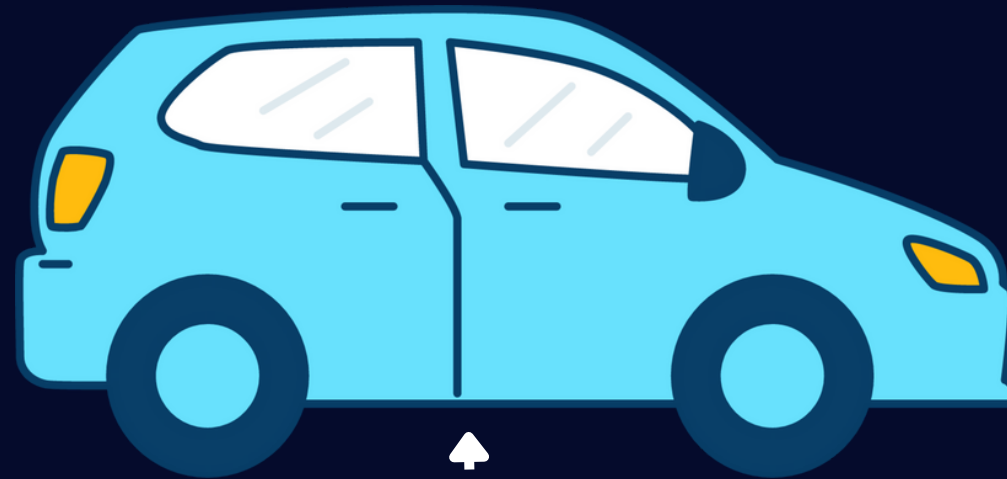


JS

The Basics of Javascript



Noun



Adjective

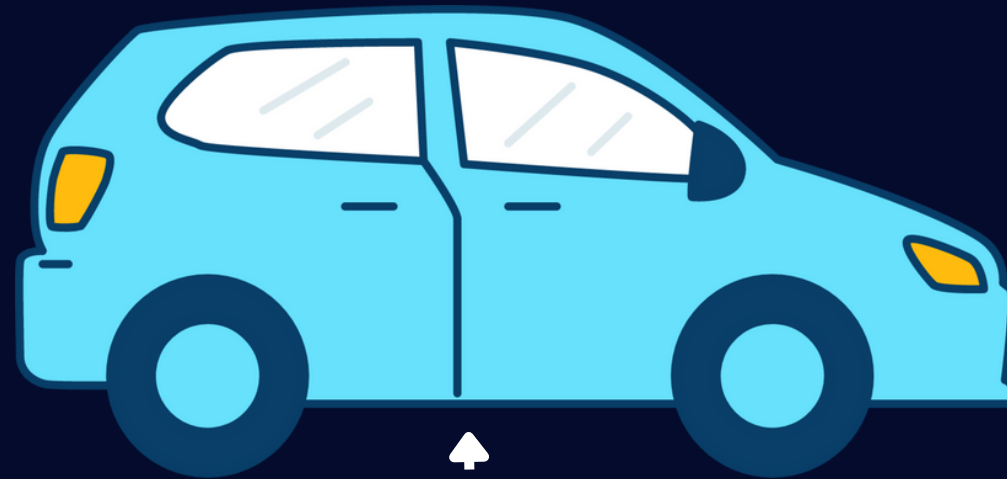


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Noun



Adjective

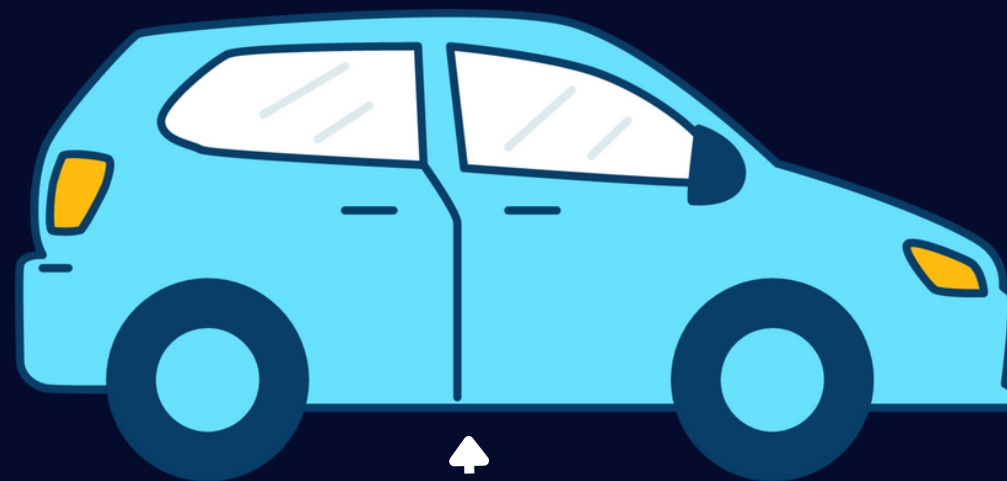


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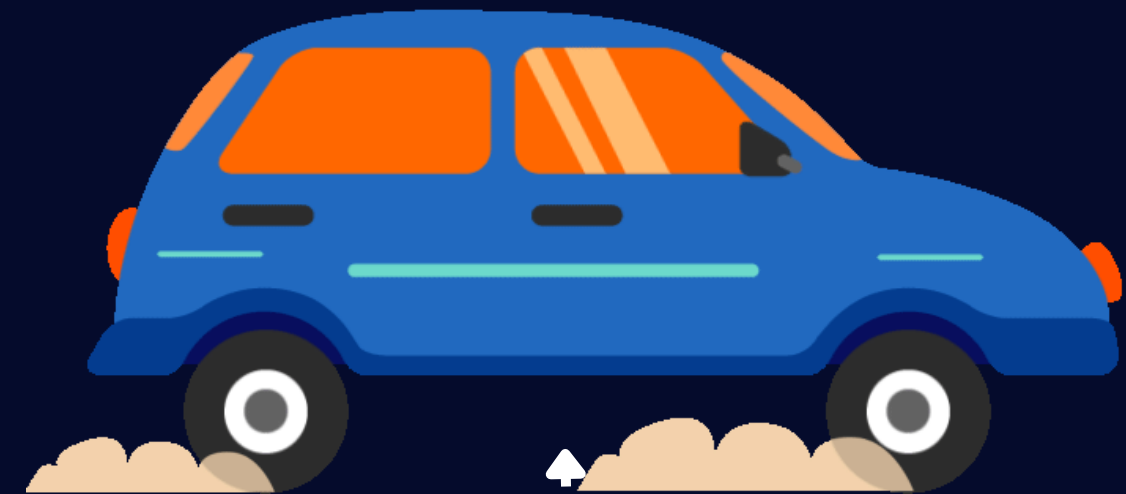
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Noun



Adjective

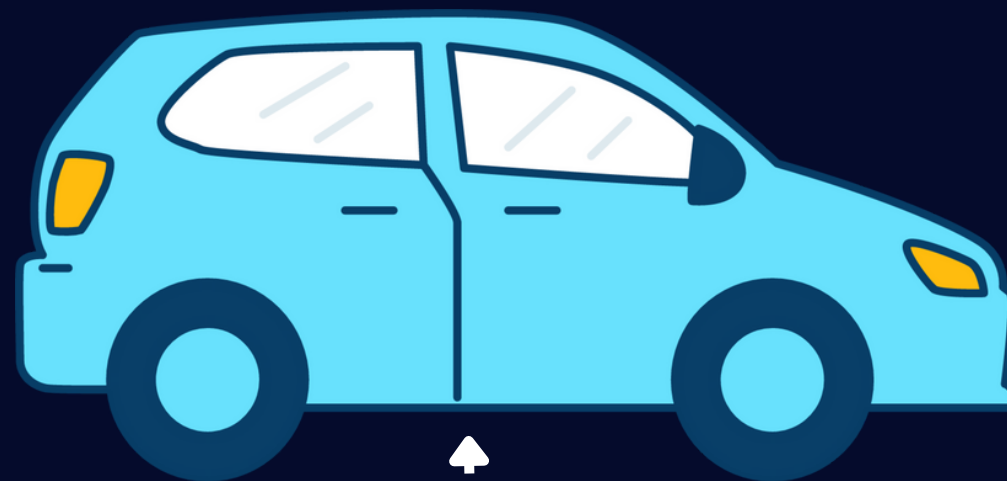


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Noun



Adjective



Verb



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How Does Javascript Work?



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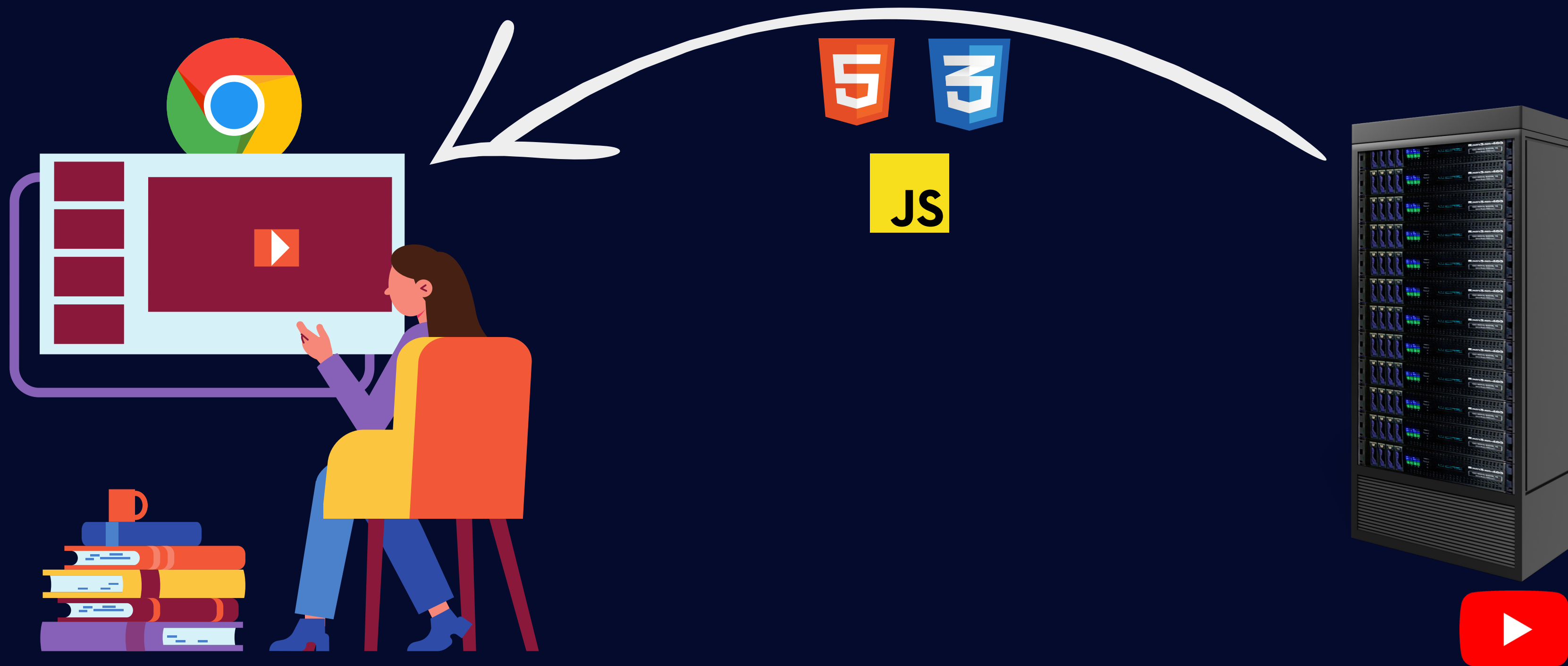
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View in browser console



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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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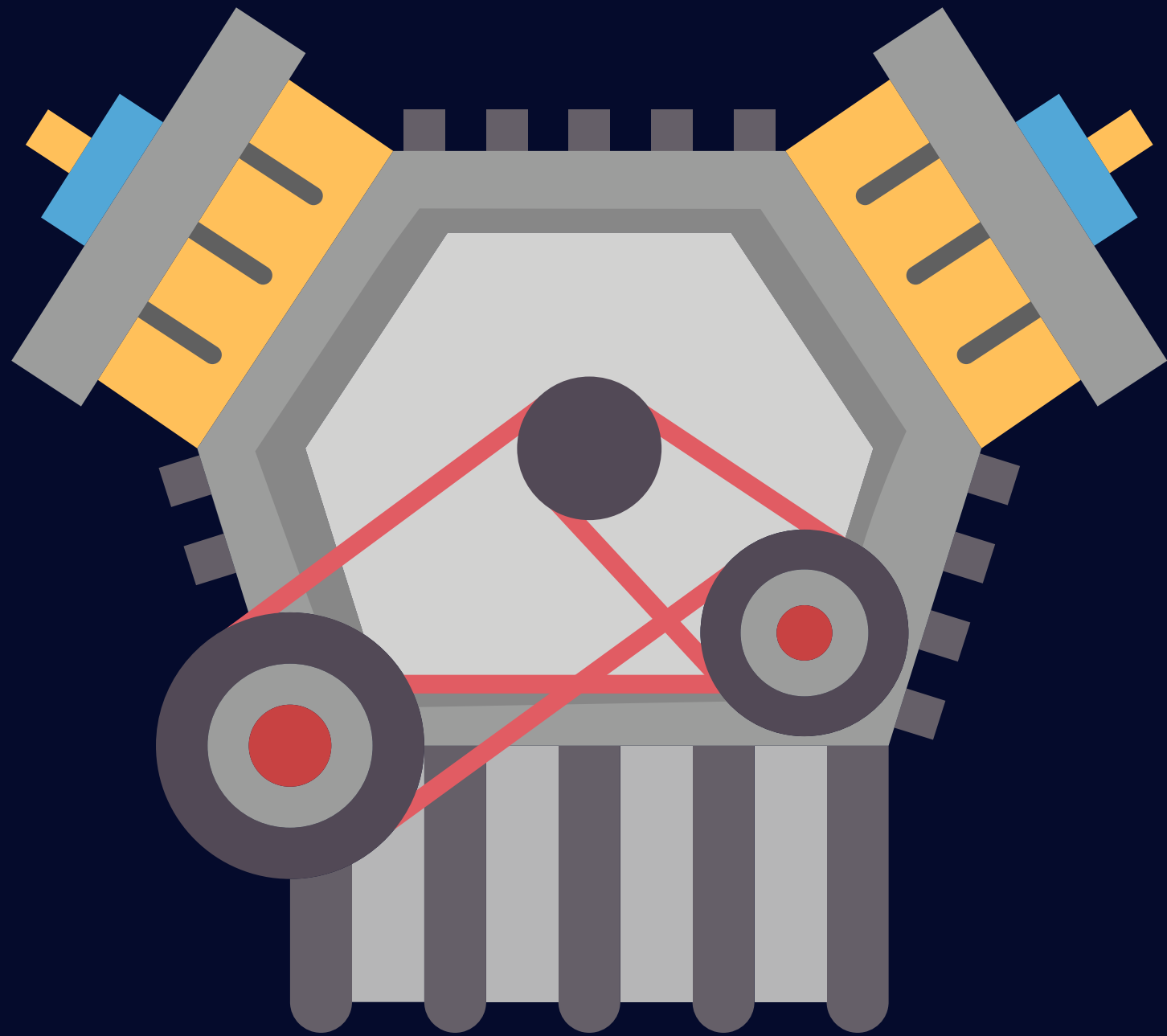


JavaScript

Loops



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Javascript Functions



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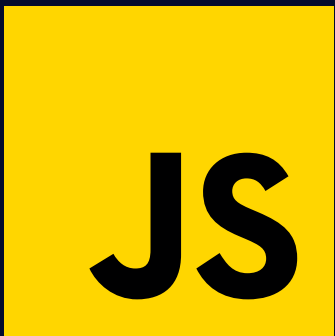
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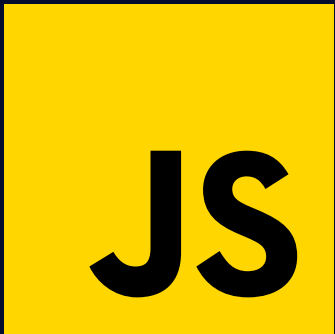
Functions **Syntax**



function declaration

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



JS

Functions **Syntax**



function Expression

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

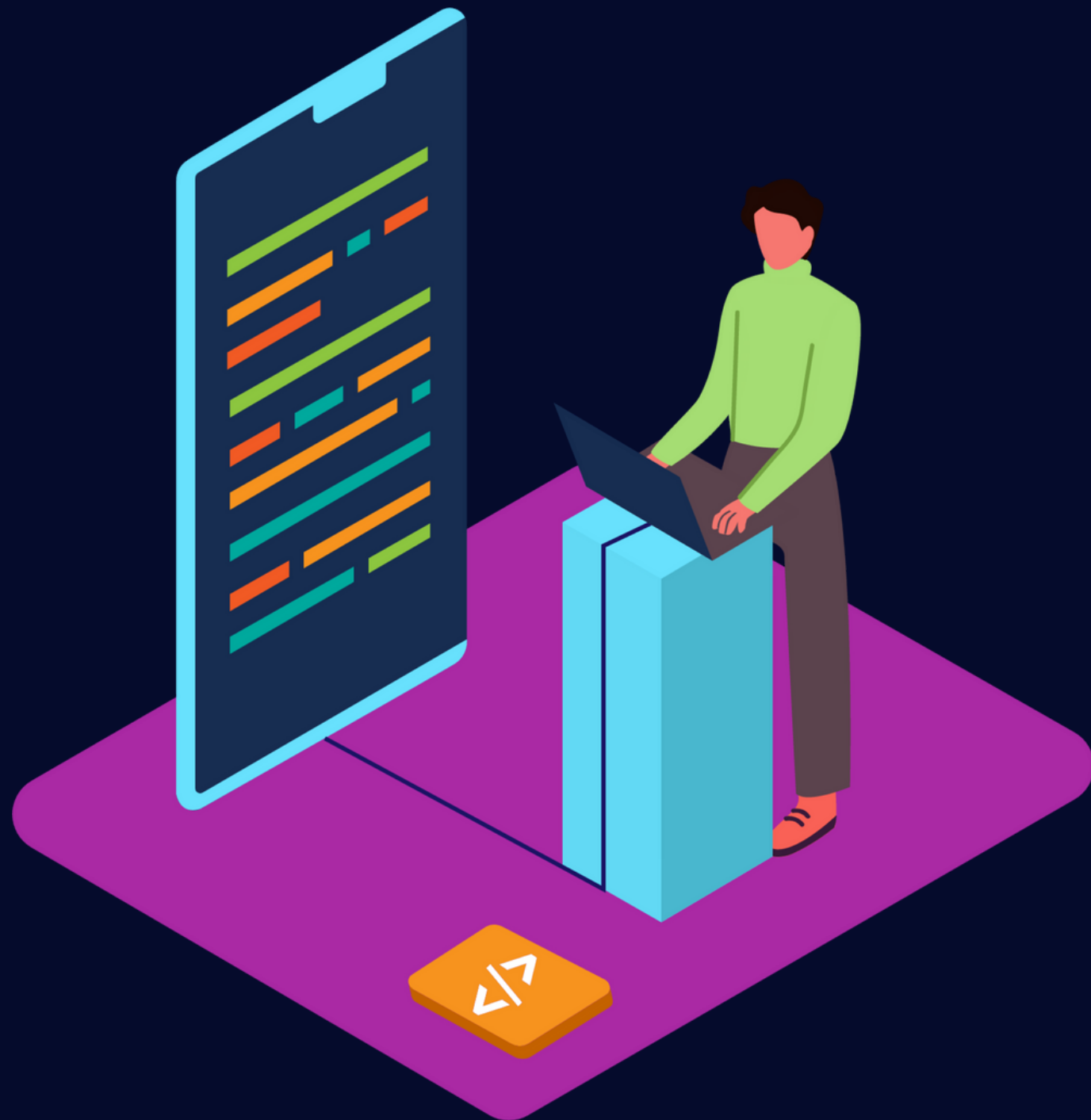


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Javascript

Strings



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



JS



Javascript

ARRAYS



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





```
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



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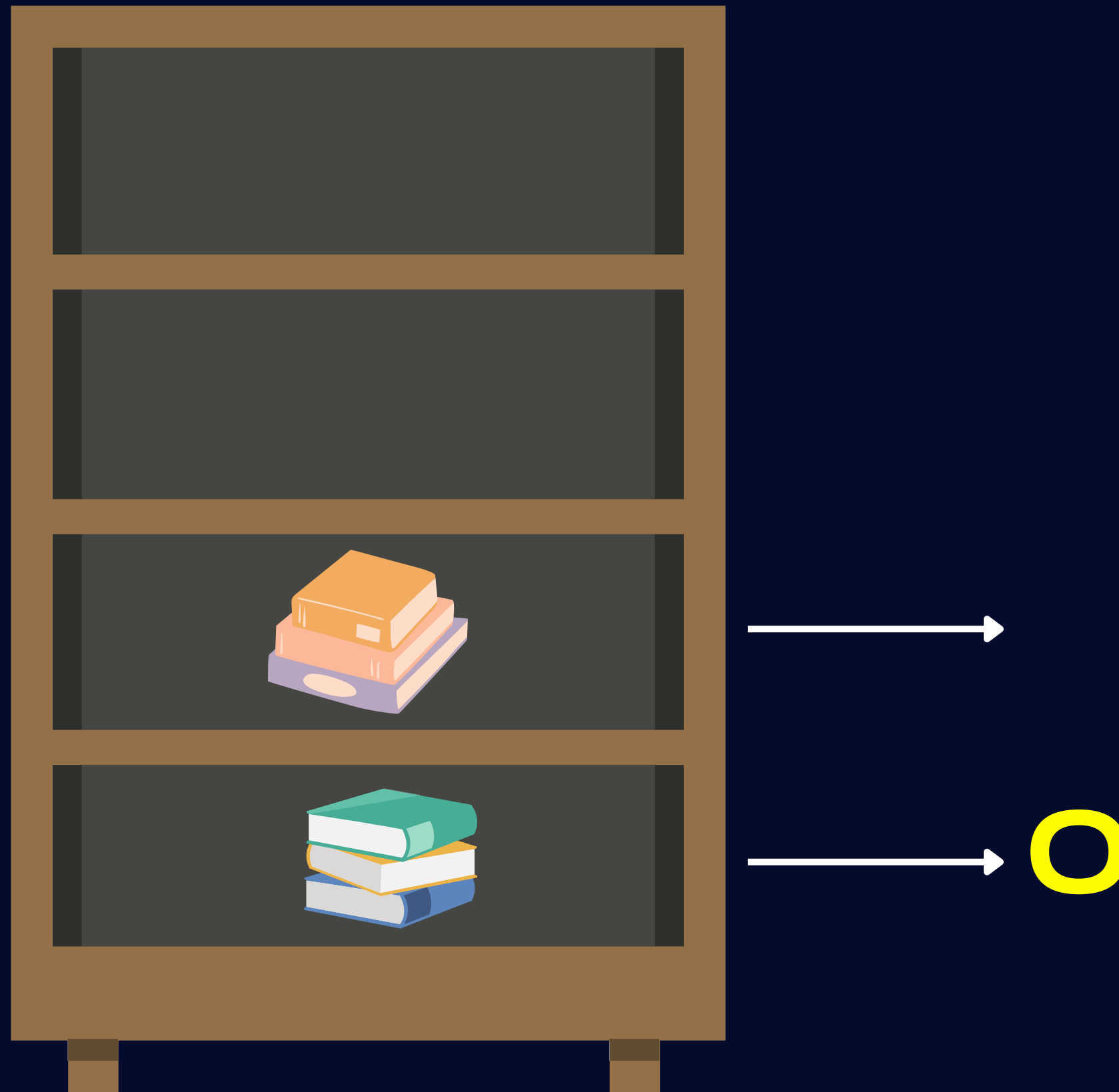
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ARRAYS OF BOOKS



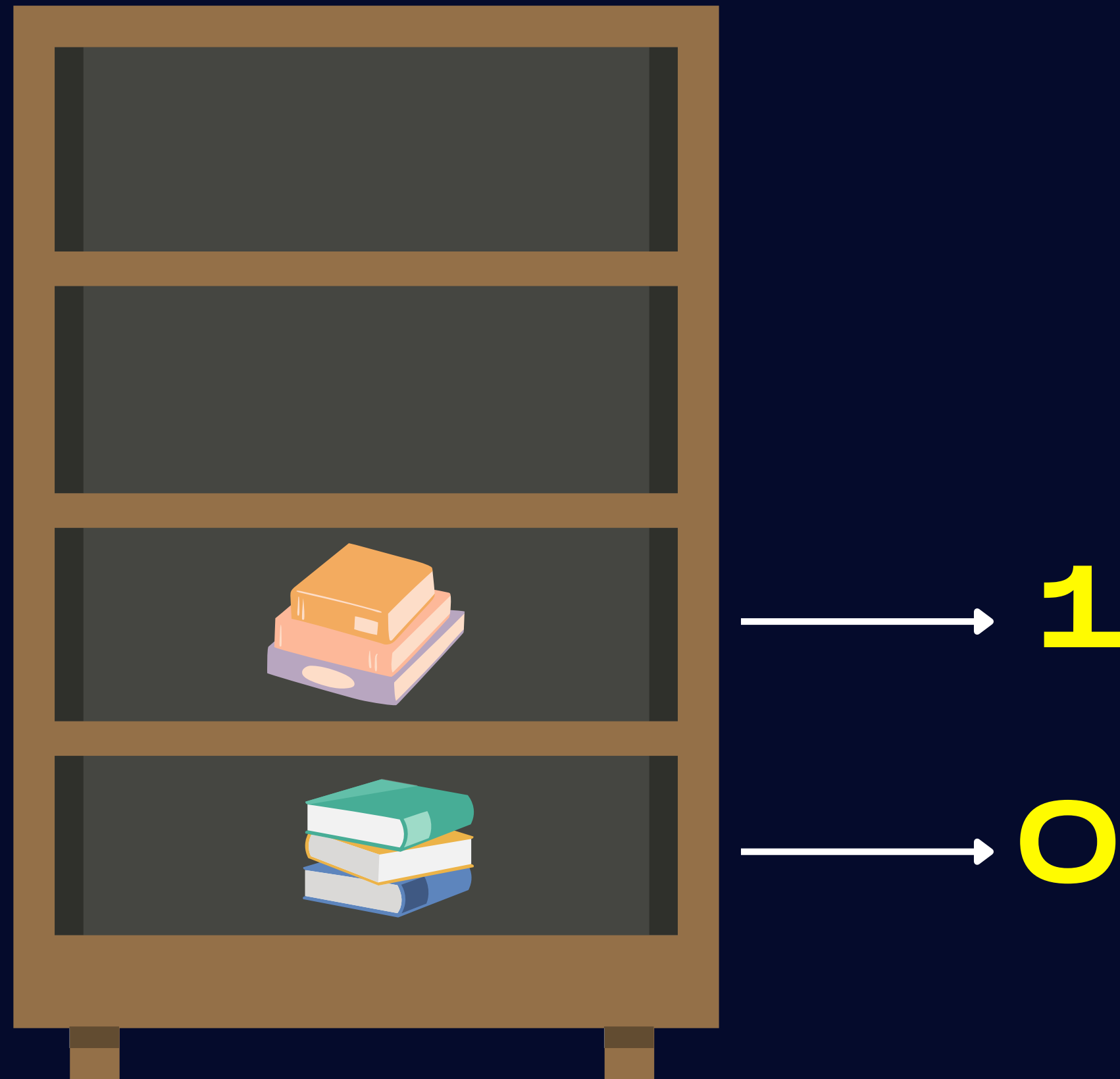
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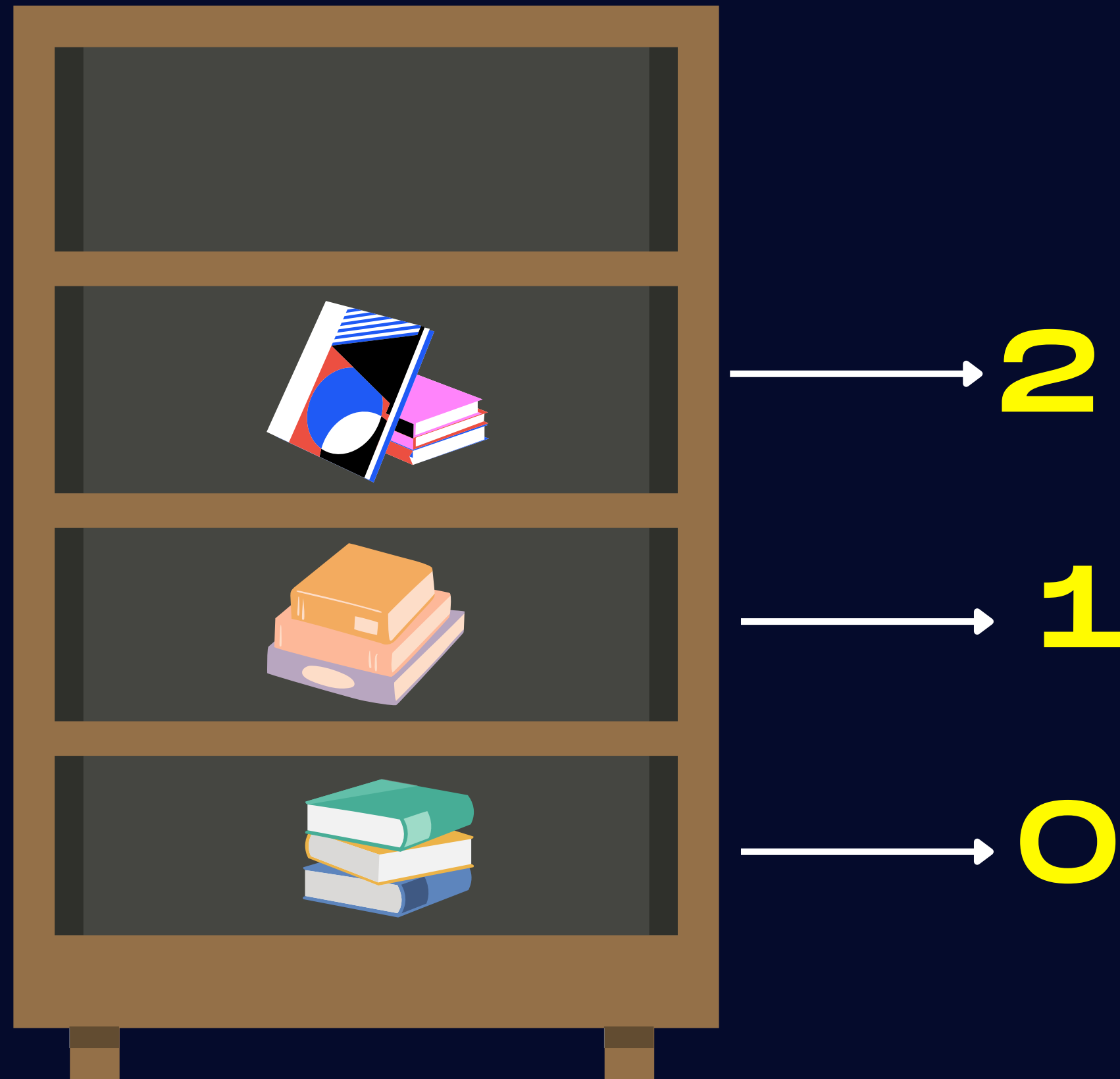
→ 1

→ 0



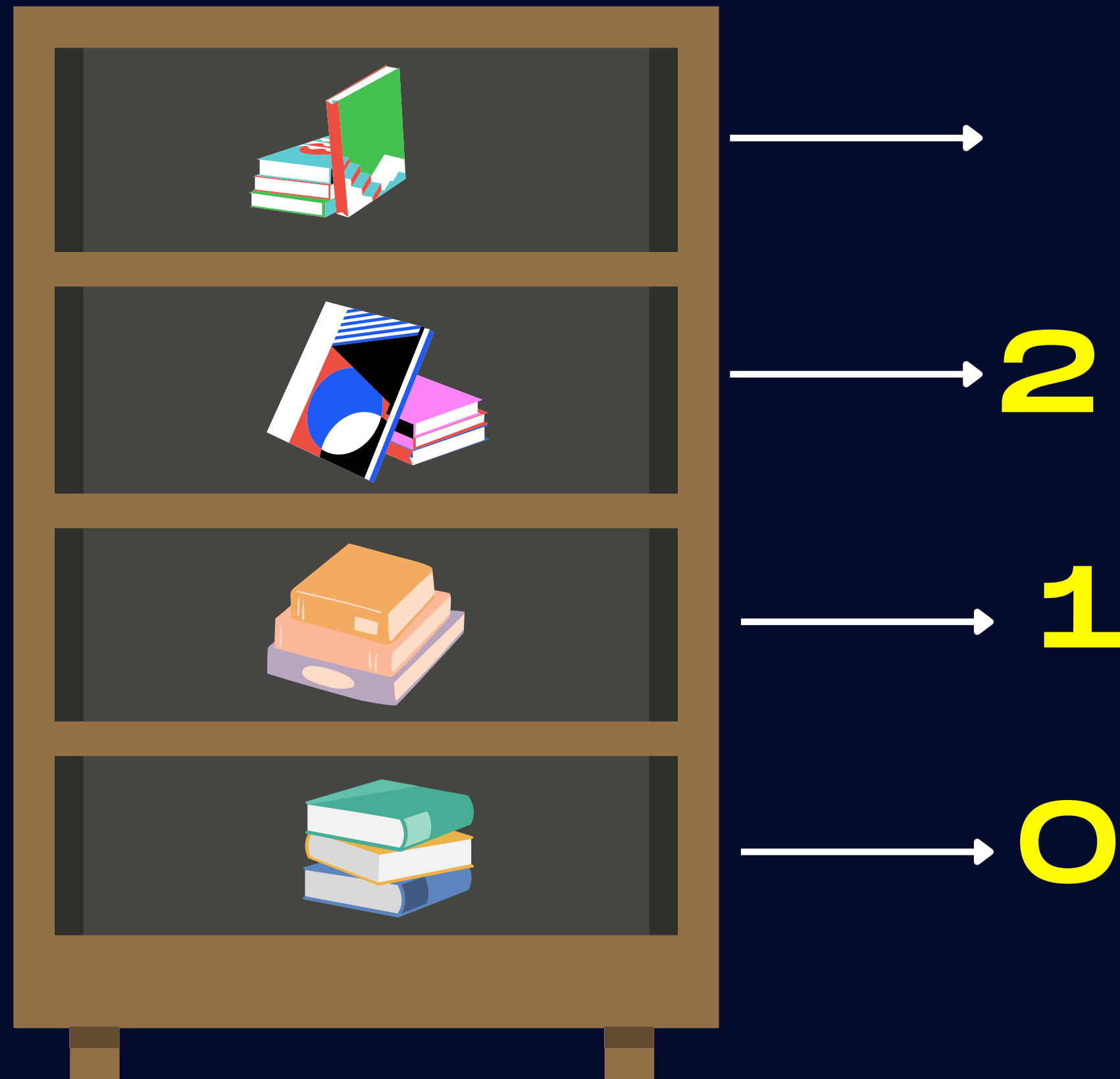
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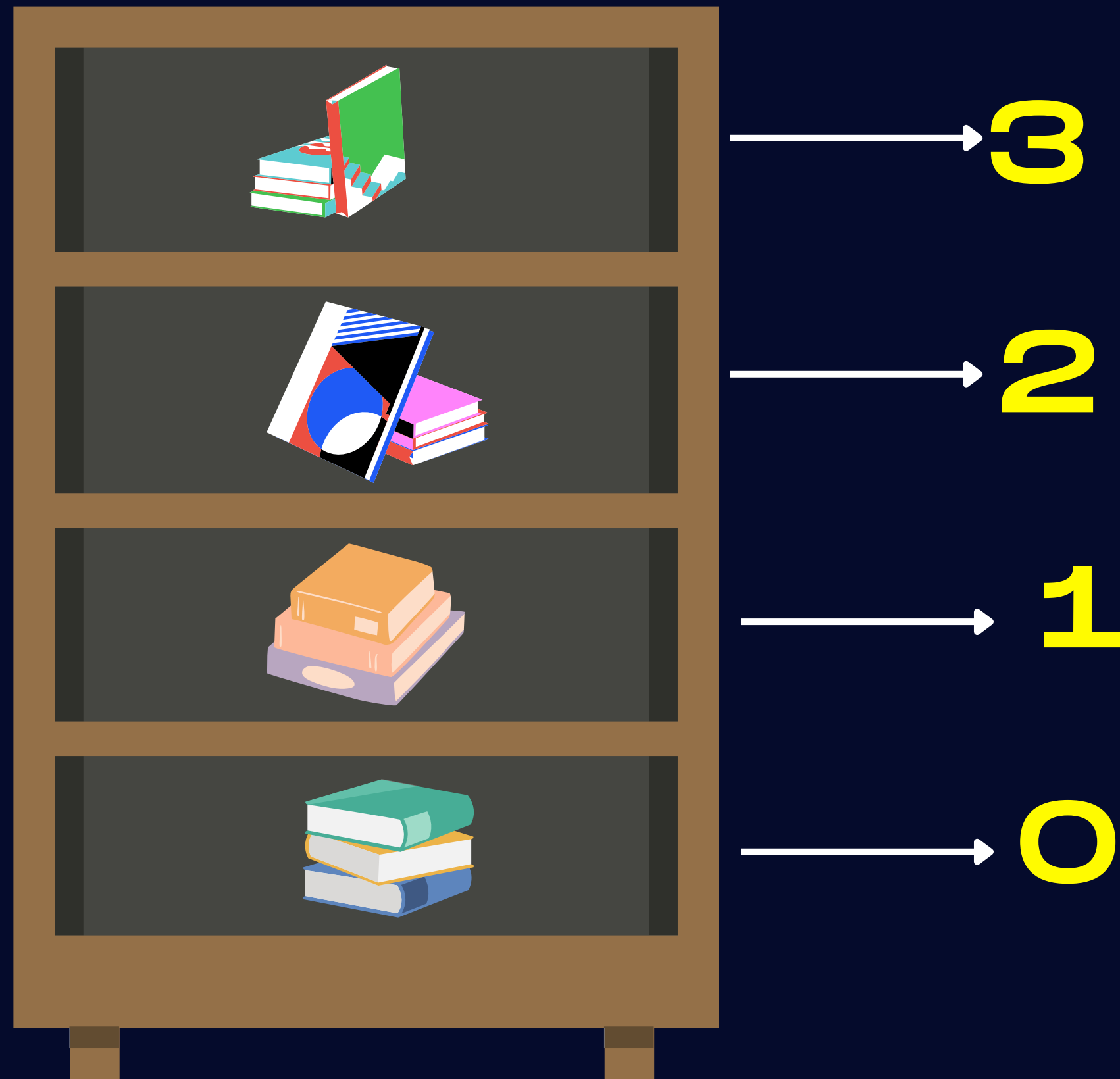
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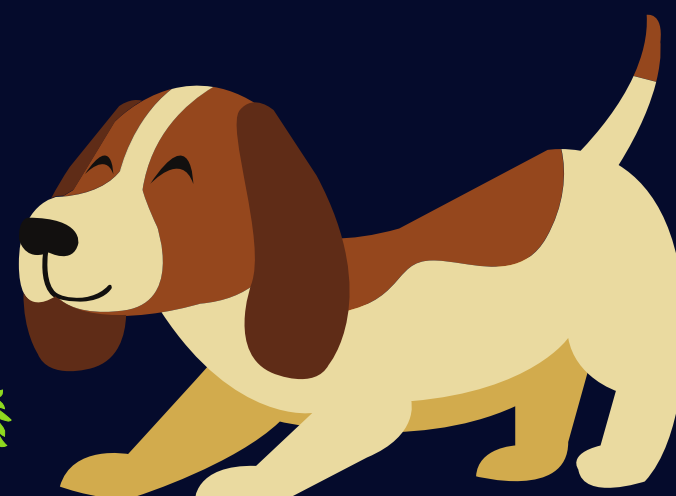
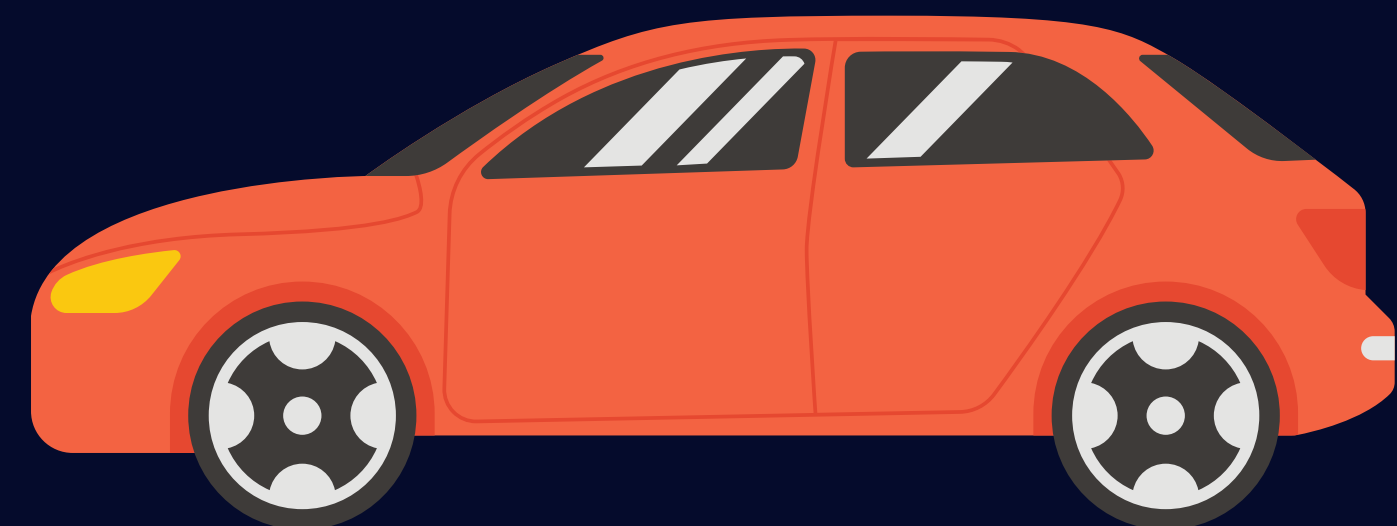


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ARRAYS OF BOOKS



JS



Javascript Objects



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Person Object



JS



{ } syntax



Object Name

Properties

Methods

`person.name = John``person.greet()``person[name] = John``person.walk()``person.age = 25``person.shout()``person[age] = 25``person.run()`

JS

Math Object

