

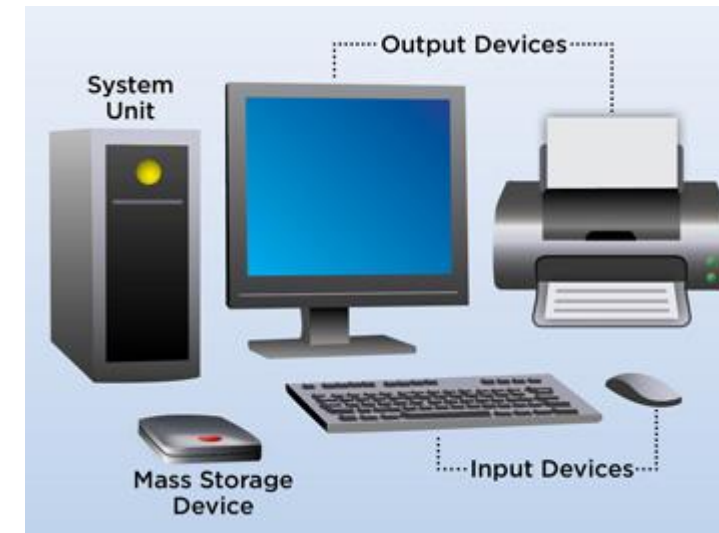
What Is JavaScript?

JS is a programming language. We use it to give instructions to the computer.

Input (code)



Computer



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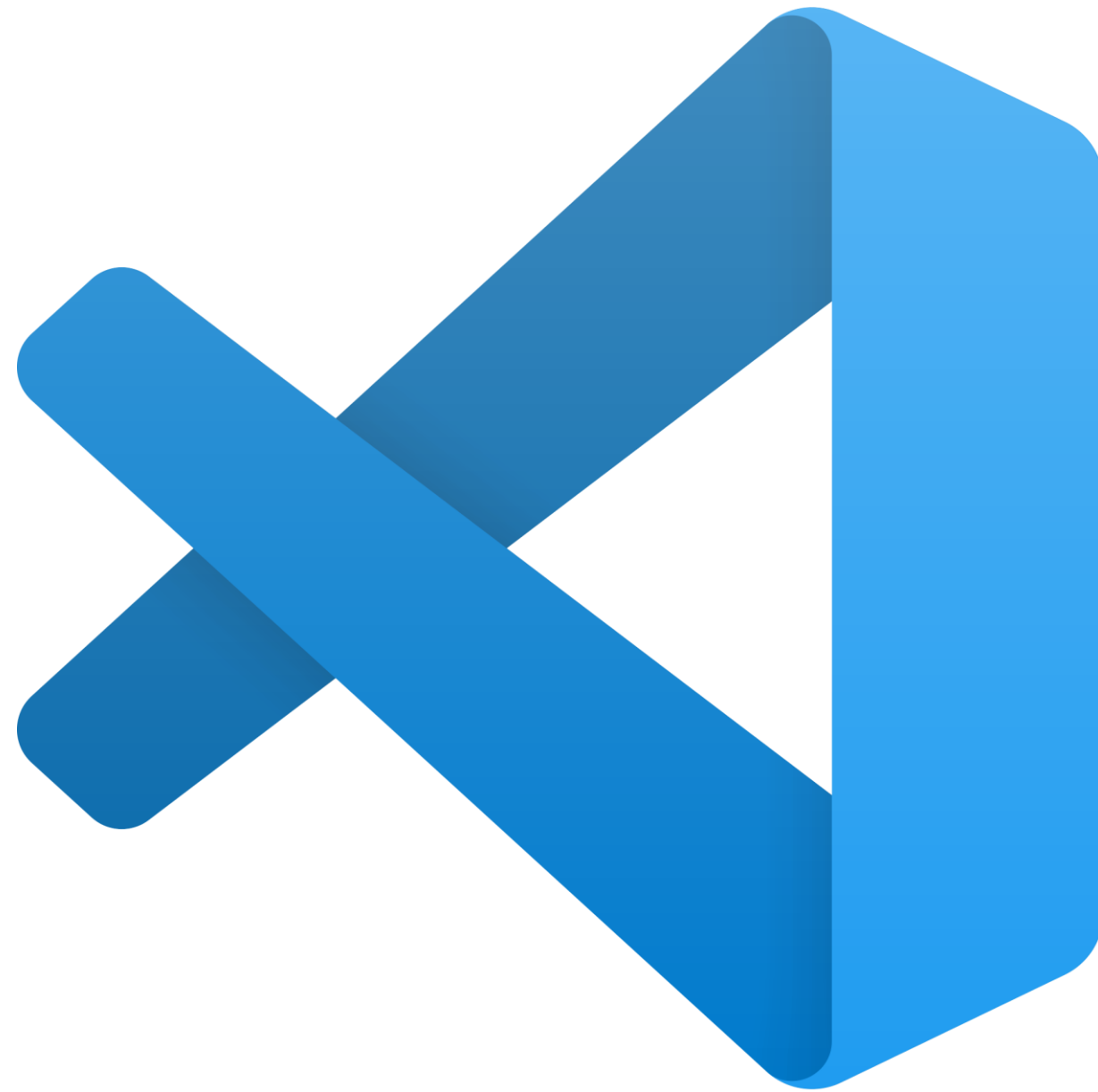
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Setting up VS Code </>

It is a free & popular code editor by Microsoft



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Our 1st JS Code

Console.log is used to log (print) a message to the console

```
console.log("Apna College");
```

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Variables In JS

Variables are containers for data

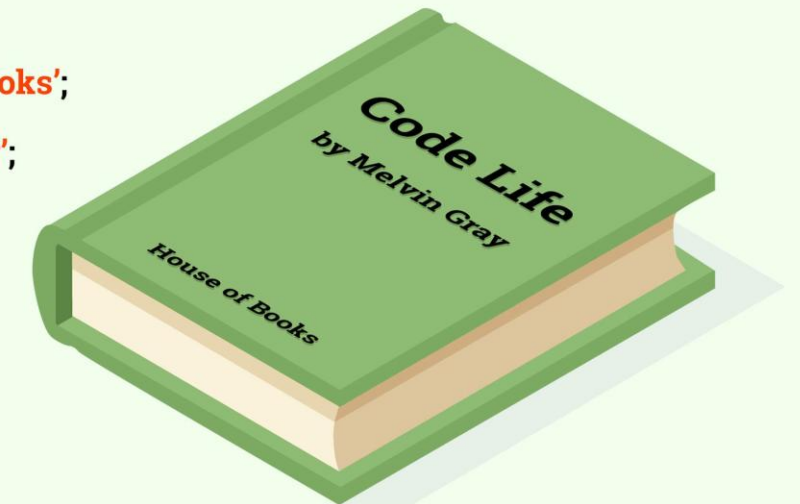
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memory

JavaScript Variables

```
var title = 'Code Life';  
let publisher = 'House of Books';  
const author = 'Melvin Gray';
```



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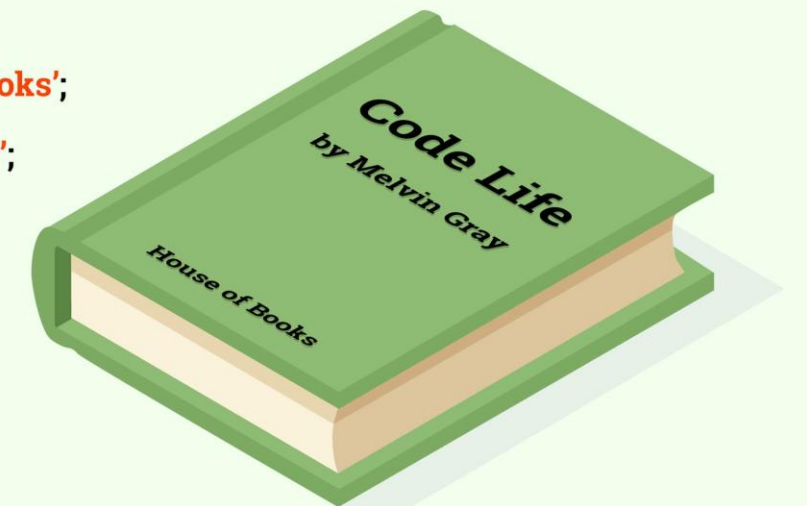
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Variable Rules

- Variable names are case sensitive; “a” & “A” is different.
- Only letters, digits, underscore(_) and \$ is allowed. (not even space)
- Only a letter, underscore(_) or \$ should be 1st character.
- Reserved words cannot be variable names.

JavaScript Variables

```
var title = 'Code Life';  
let publisher = 'House of Books';  
const author = 'Melvin Gray';
```



let, const & var

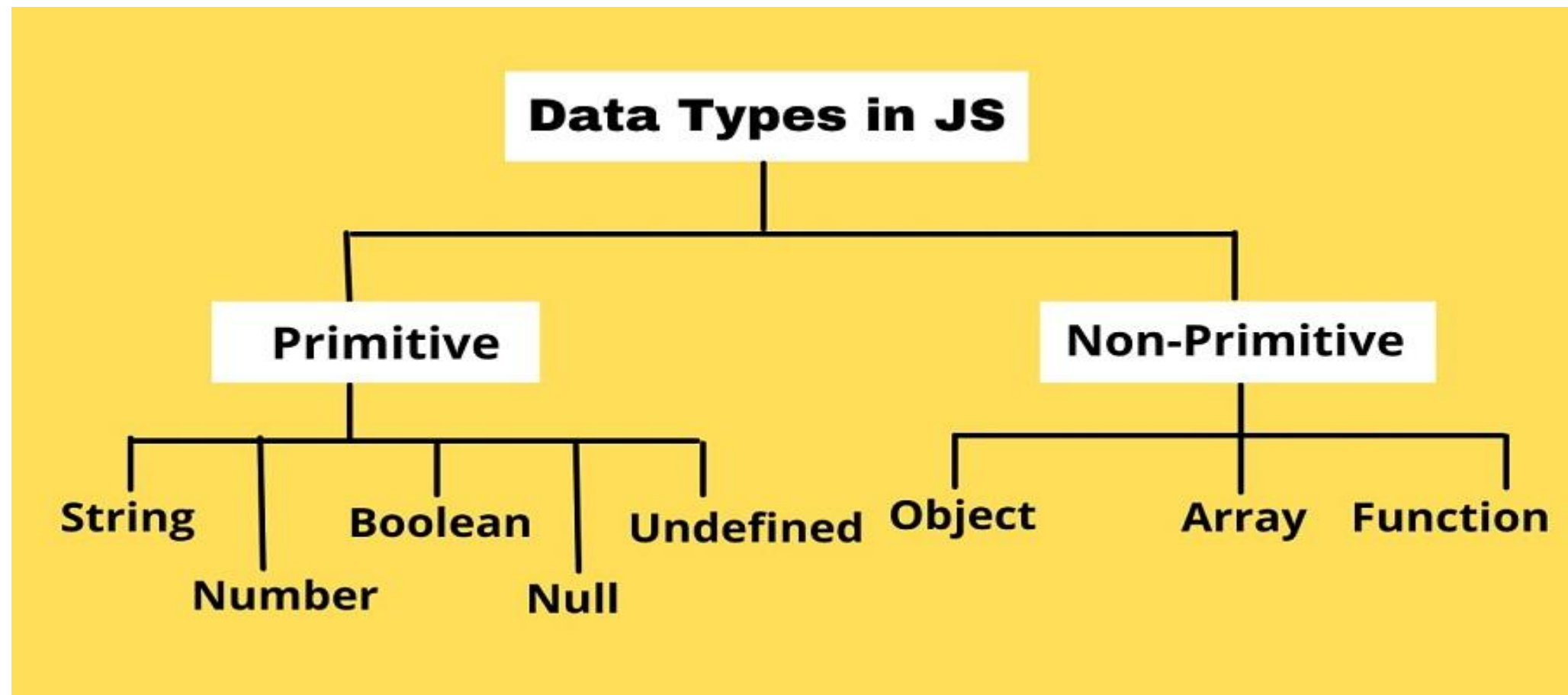
var : Variable can be re-declared & updated. A global scope variable.

let : Variable cannot be re-declared but can be updated. A block scope variable.

const : Variable cannot be re-declared or updated. A block scope variable.

Data Types In JS

Primitive Types : Number, String, Boolean, Undefined, Null, BigInt, Symbol



Number



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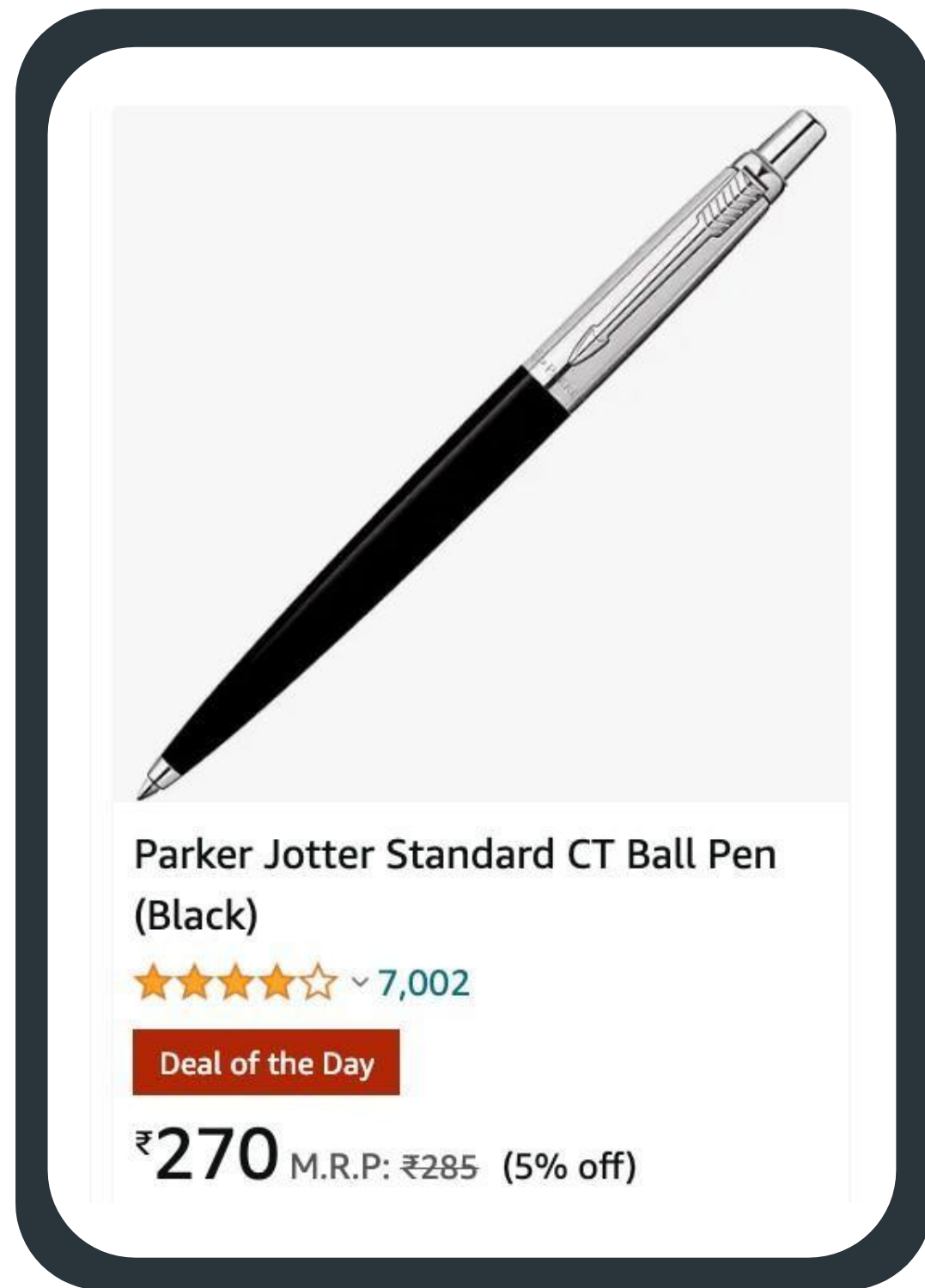
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Boolean

Let's Practice

Qs1. Create a const object called "product" to store information shown in the picture.



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Let's Practice

Qs2. Create a const object called "profile" to store information shown in the picture.



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