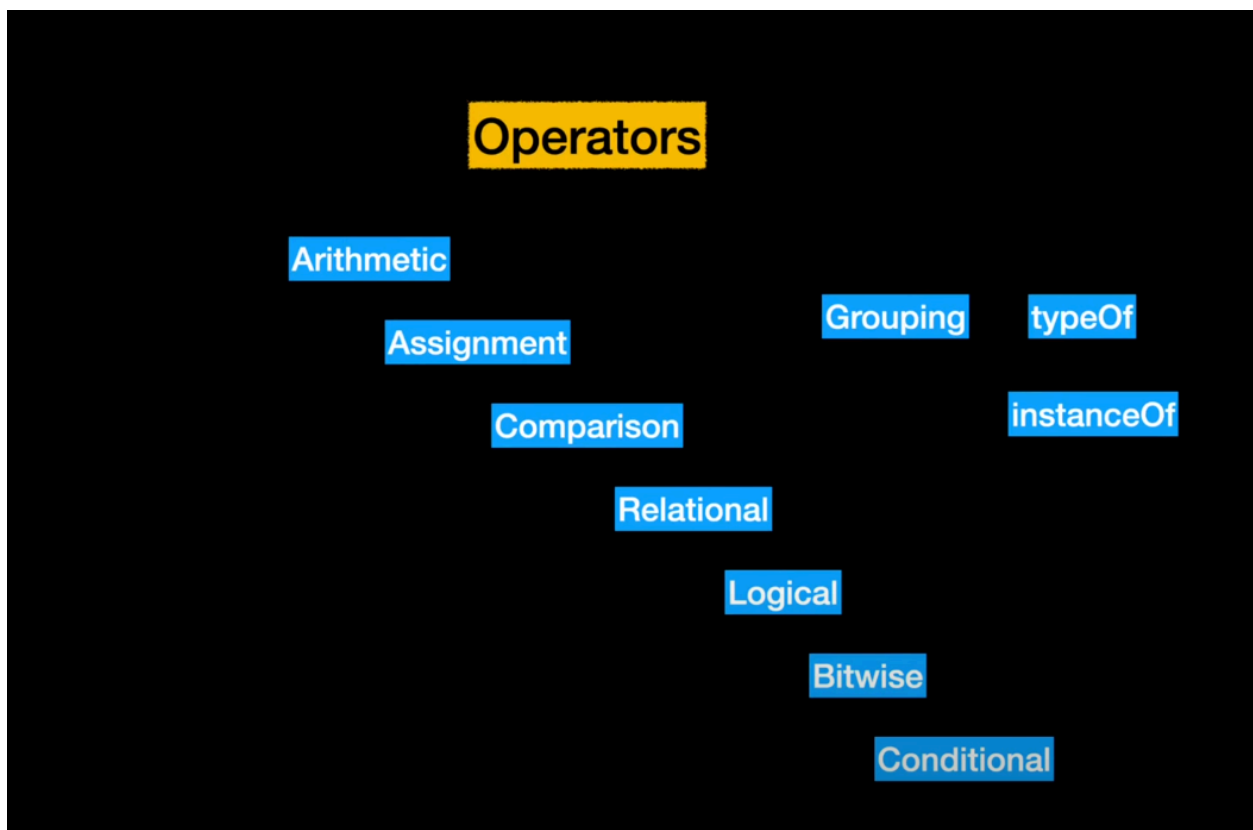


Day 3 Notes

✍ Key Takeaway	Operators, Logical operator
📅 Learning Date	@June 23, 2025
📦 Module	Module 1: JavaScript Fundamentals
⚙ Status	Done
✓ Topic	✅ Day 3: Operators & Expressions
🔗 Video Link	https://www.youtube.com/watch?v=vl95K-_JLOW

Operators :



```
let obj1 = { Name: "TapaScript" };
let obj2 = { Name: "TapaScript" };

console.log(obj1 === obj2);
```

The result will be false because obj1 and obj2 are stored at different memory addresses. When comparing them, JavaScript compares their memory locations rather than their contents.

Truthy vs Falsy in JavaScript :

Type / Example	Value	Truthy / Falsy
Boolean	true	✓ Truthy
Boolean	false	✗ Falsy
String	"hello"	✓ Truthy
String	"" (empty string)	✗ Falsy
String	"0" (non-empty string)	✓ Truthy
String	"false" (non-empty string)	✓ Truthy
Number	42 , -1 , 3.14	✓ Truthy
Number	0	✗ Falsy
Number	NaN	✗ Falsy
Object	{ } (empty object)	✓ Truthy
Array	[] (empty array)	✓ Truthy
Function	function() { }	✓ Truthy
Null	null	✗ Falsy
Undefined	undefined	✗ Falsy
BigInt	10n	✓ Truthy
BigInt	0n	✗ Falsy
Infinity	Infinity , -Infinity	✓ Truthy
Date	new Date()	✓ Truthy

Symbol	<code>Symbol("id")</code>	✓ Truthy
String with space	<code>' '</code>	✓ Truthy
Expression (e.g., <code>1+1</code>)	<code>2</code>	✓ Truthy