

```
1  console.clear();
2
3  // 🖥️ Example 1 - Global Context
4
5  // In browser → Window object and Node JS → Global object
6
7  console.log(this); // Empty object
8
9  // 🖥️ Example 2 - Inside a Function
10
11 function showThis() {
12     console.log(this);
13 }
14
15 // In non-strict mode → window (global), in strict mode → undefined
16
17 showThis();
18
19 // 🖥️ Example 3 - Inside an Object
20
21 const person = {
22     name: "Heet",
23
24     greet: function () {
25         console.log(`Hello, my name is ${this.name}`);
26     }
27 };
28
29 person.greet(); // "Hello, my name is Heet"
30
31 // 🖥️ Example 4 - Losing this
32
33 const person2 = {
34
```

```
38     name: "Rohit",
39
40     greet: function () {
41
42         console.log(`Hello, ${this.name}`);
43     }
44 };
45
46 const greetFn = person2.greet;
47
48 greetFn(); // ❌ 'this' is undefined (or window) because we lost the context
49
50 // 📺 Example 5 - Arrow Functions & this
51
52 const user = {
53
54     name: "Ketan",
55
56     showName: () => {
57
58         console.log(this.name);
59     }
60 };
61
62 user.showName(); // undefined ❌
63
64 // Arrow functions don't have their own this – they inherit it from their lexical scope.
```