

```
1 // 🔄 JavaScript Loops Made Simple - For Aspiring Frontend Devs!
2
3 console.clear();
4
5 // 🚧 Why use loops?
6
7 // They help us execute a block of code repeatedly – as long as a condition holds true.
8
9 // ✅ 3 Common Types of Loops:
10
11 /*
12 1 while loop
13 2 do...while loop
14 3 for loop
15 */
16
17 // -----
18
19 // 🔄 1. while loop - Runs as long as the condition is true.
20
21 // -----
22
23 console.log("🔥 while loop:");
24
25 let count = 1;
26
27 while (count <= 5) {
28     // Prints 1, 2, 3, 4, 5
29
30     console.log(count);
31
32     count++;
33 }
```

```
38 }
39
40 // -----
41
42 // 🔄 2. do...while loop - Runs the block of code at least once
43
44 // -----
45
46 console.log("🚀 do...while loop:");
47
48 let start = 6;
49
50 do {
51
52     // Prints 6, 7, 8, 9, 10
53
54     console.log(start);
55
56     start++;
57
58 } while (start <= 10);
59
60 // -----
61
62 // 🎯 3. for loop - Best when you know how many times to run.
63
64 // -----
65
66 console.log("🎯 for loop:");
67
68 for (let i = 11; i <= 15; i++) {
69
70     // Prints 11, 12, 13, 14, 15
71
72     console.log(i);
73 }
```