

JS PRACTICAL : VARIOUS KINDS OF LOOPS IN JAVASCRIPT

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>JavaScript Loops</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 20px;

    }

    h1 {

      color: #333;

    }

  </style>

</head>

<body>

  <h1>JavaScript Loops</h1>

  <p>Open the browser console to see how loops work!</p>

  <script>

    console.log("** For Loop Example **");

    // For Loop

    for (let i = 1; i <= 5; i++) {

      console.log("Iteration " + i);

    }

  </script>

</body>

</html>
```

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```
console.log("\n** While Loop Example **");
```

```
// While Loop
```

```
let count = 1;
```

```
while (count <= 5) {
```

```
    console.log("Count is: " + count);
```

```
    count++;
```

```
}
```

```
console.log("\n** Do...While Loop Example **");
```

```
// Do...While Loop
```

```
let num = 1;
```

```
do {
```

```
    console.log("Number is: " + num);
```

```
    num++;
```

```
} while (num <= 5);
```

```
console.log("\n** For...of Loop Example (with an array) **");
```

```
// For...of Loop
```

```
const colors = ["Red", "Green", "Blue", "Yellow"];
```

```
for (const color of colors) {
```

```
    console.log("Color: " + color);
```

```
}
```

```
console.log("\n** ForEach Loop Example (with an array) **");
```

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```
// forEach Loop

colors.forEach(function(color, index) {

    console.log("Color " + (index + 1) + ": " + color);

});


console.log("\n** Nested Loops Example **");

// Nested Loops

for (let i = 1; i <= 3; i++) {

    console.log("Outer loop iteration " + i);

    for (let j = 1; j <= 2; j++) {

        console.log(" Inner loop iteration " + j);

    }

}

</script>

</body>

</html>
```