

## JavaScript Loops

**JavaScript supports different kinds of loops:**

1. for - loops through a block of code a number of times
2. for/in - loops through the properties of an object
3. while - loops through a block of code while a specified condition is true
4. do/while - also loops through a block of code while a specified condition is true

### 1. For Loop

```
<!DOCTYPE html>
<html>
<body>
<button onclick="myFunction()">Try it</button>
<p id="Iddemo"></p>
<script>
function myFunction() {
  var text = "";
  var i;
  for (i = 0; i < 5; i++) {
    text += "Number is " + i + "<br>";
  }
  document.getElementById("Iddemo").innerHTML = text;
}
</script>

</body>
</html>
```

### 2. For In Loop

```
<p id="demo"></p>

<script>
var txt = "";
var person = {fname:"Krishan", lname:"Singh", age:30};
var x;
for (x in person) {
  txt += person[x] + " ";
}
document.getElementById("demo").innerHTML = txt;
</script>
```

### 3. While Loop

```
<script>
function myFunction() {
```

```
var text = "";
var i = 0;
while (i < 10) {
    text += "<br>The number is " + i;
    i++;
}
document.getElementById("demo").innerHTML = text;
}
</script>
```

#### 4. Do While Loop

```
<script>
function myFunction() {
    var text = ""
    var i = 0;
    do {
        text += "<br>The number is " + i;
        i++;
    }
    while (i < 10)
    document.getElementById("demo").innerHTML = text;
}
</script>
```