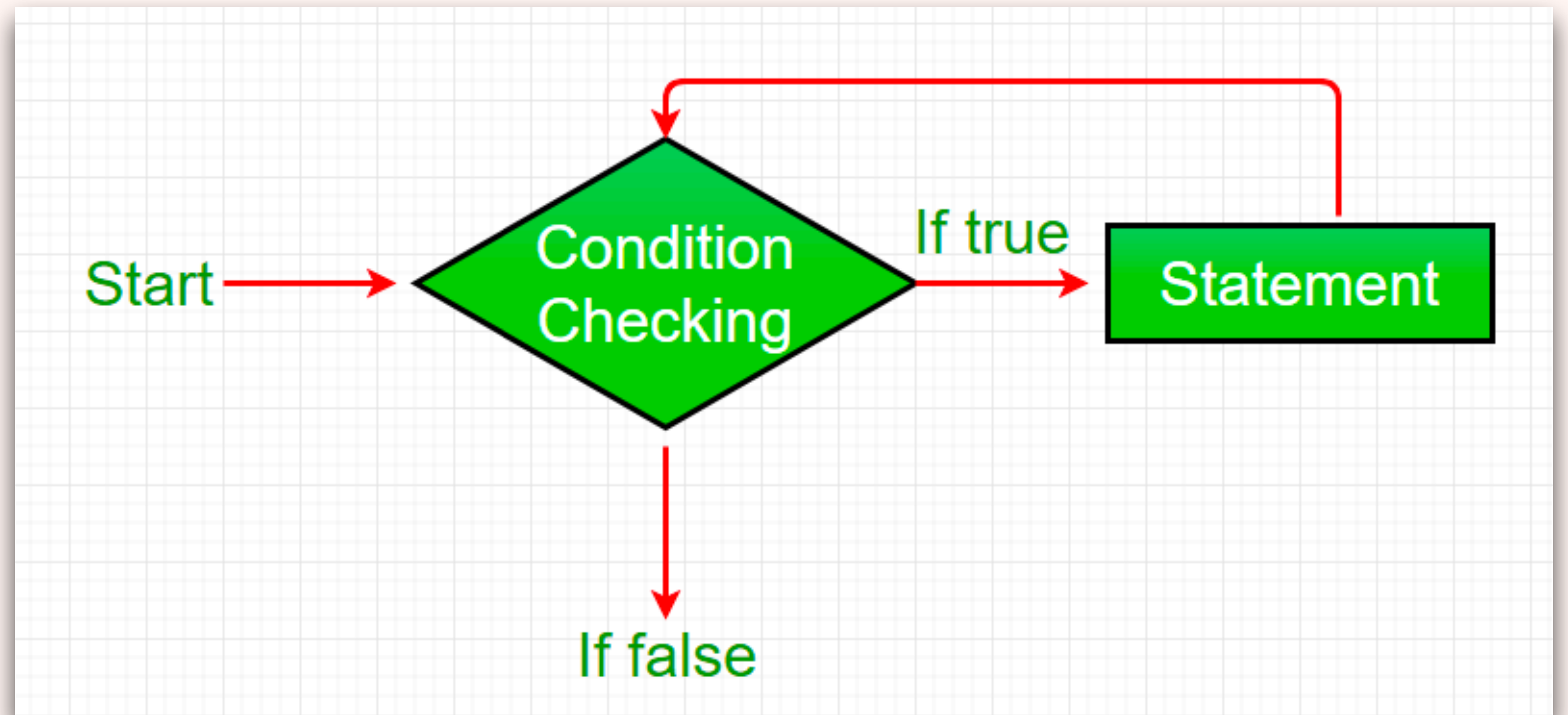

JAVASCRIPT

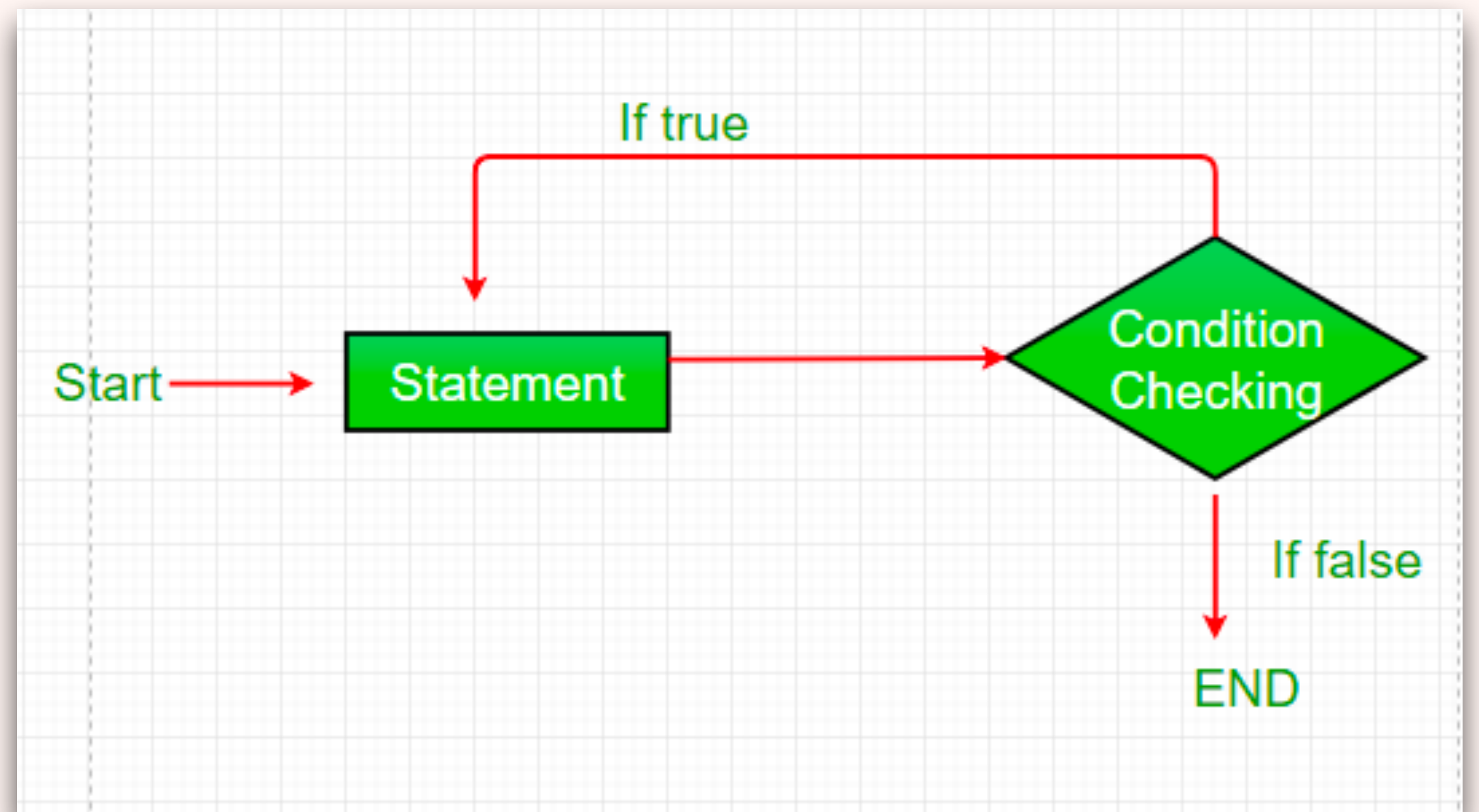
WHILE

```
while (x <= 4) {  
  console.log(`Value: ${x}`);  
  
  x++;  
}
```



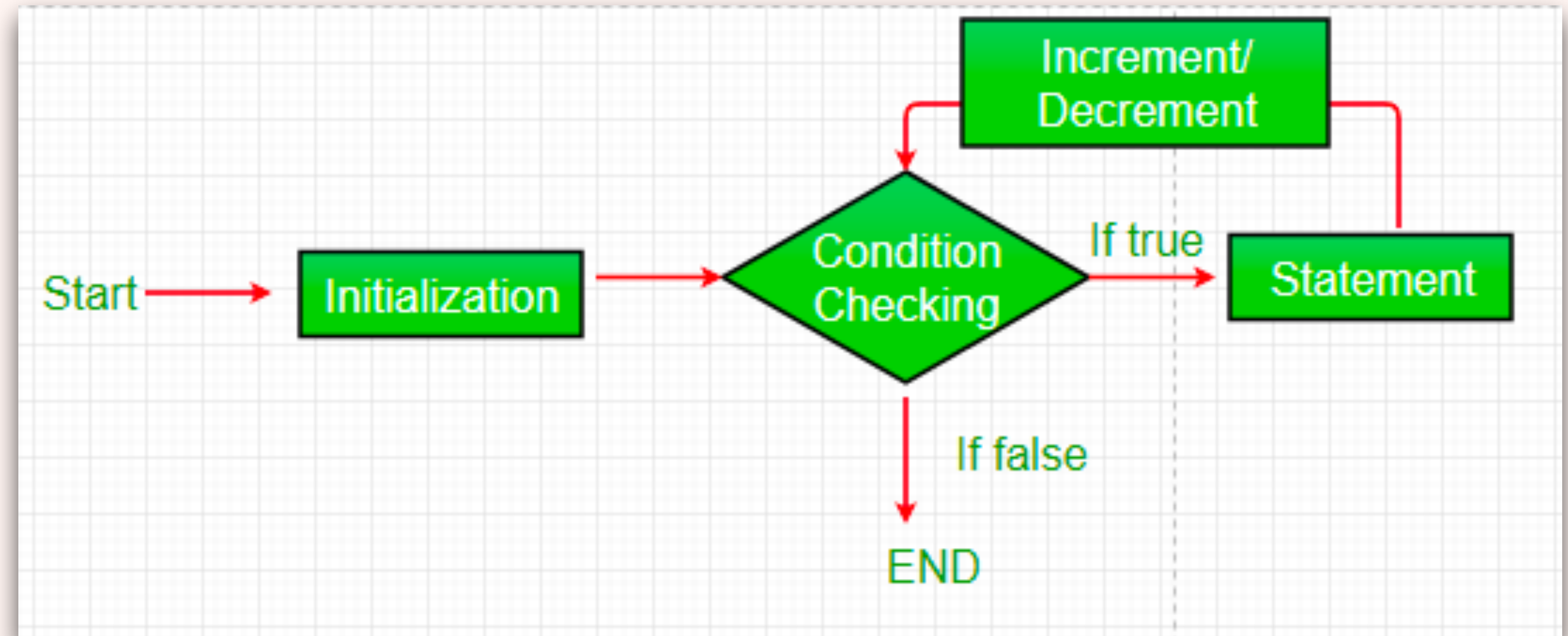
DO WHILE

```
const x = 21;  
  
do {  
  console.log(`Value: ${x}`);  
  x++;  
} while (x < 20);
```



FOR

```
for (x = 2; x <= 4; x++) {  
    console.log(`Value: ${x}`);  
}
```



FOR ... IN

```
const object = { a: 1, b: 2, c: 3 };

for (const property in object) {
  console.log(`${property}: ${object[property]}`);
}
```

//JavaScript

```
var obj = {a: 1,
           b: 2,
           c: 3,
           d: 4,
           e: 5};

for (var prop in obj) {
  console.log(obj[prop]);
}
```

DIRECTIVES

- break - to terminate a loop, switch, or in conjunction with a labeled statement.
 - continue - can be used to restart a while, do-while, for, or label statement.
-

MAP & FOREACH & FILTER

- filter – to filter array.
 - forEach – to iterate over array.
 - map – to transform array into new array.
-