

True /false values or truth falsy values

falsy values

1. false
 2. 0
 3. -0
 4. BigInt 0n
 5. "" (without space)
 6. null
 7. undefined
 8. NaN
-

Truthy values

1. "0"
 2. "false"
 3. " " (with space)
 4. []
 5. {}
 6. function (){}
-

inko use krne se value false khelati ha
example

```
let a = ""

if(a){      (iss condition may humesha else condition run hogi kyu if false
hoga "" ka mtlb false hota ha orr upper false value ke example ha)
  console.log("may execute hua:")
}else{
  console.log("may execute nhi hua:")
}
output
may execute nhi hua:
```

but agr

```
let a = []

if(a){      (iss condition may humesha if condition run hogi kyu if true hoga
```

```
[ ] ka mtlb true hota ha)
    console.log("may execute hua:")
}else{
    console.log("may execute nhi hua:")
}
output
may execute hua:
```

How to check if array is empty or not

```
let arr = []
if(arr.length === 0){
    console.log("arr empty")
} else{
    console.log("not empty")
}
```

How to check object is empty or not

```
let objgg = {}

if(Object.keys(objgg).length=== 0){
    console.log(" empty")
}else{
    console.log("not empty")
}
```

Nullish Coalescing operator (??):null undefined

```
let value ;

value= 5 ?? 10
output 5
value = null ?? 10
output 10
value = undefined ??33
```

output 33