

# True /false values or truth falsy values

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## falsy values

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

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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 flase 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

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

## How to check object is empty or not

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```
let objgg = {}

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

## Nullish Coalescing operator (??):null undefined

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```
let value ;

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