

Julia Learning Session on Comparison Operators

by Husnain Saghir.

🔧 This is based on a Udemy Course

Model of the environment

💡 A fine morning and the *weather* is pleasant. Let's get some *work* done.

Example

Next, focus is on comparison Operators in Julia.

```
1 # 💡 Comparison Operators
2 md"""
3 # Julia Learning Session on Comparison Operators
4
5 by Husnain Saghir.
6
7 🔧 This is based on a Udemy Course
8 ## Model of the environment
9
10 💡 A fine morning and the _weather_ is pleasant. Let's get some $work$ done.
11
12 !!! example
13     Next, focus is on comparison Operators in Julia.
14 """
```

false

```
1 begin
2     Int(true)
3     Int(false)
4     Bool(1)
5     Bool(0)
6 end
```

true

```
1 begin
2     isinf(5/0) #predicate functions
3     isodd(39)
4     iseven(0)
5     isletter('f')
6 end
```

true

```
1 5 in [4, 5.0, 6] #Membership operator(Checks value in something and return Bool)
```

true

```
1 25.1 isa Float64 # Checks datatype and return Bool value
```

false

```
1 begin
2     # Comparison Operators let's you values. Dah Dude. What a revelation
3     p = 34; q = 34.0; r = 98
4
5     p == q # Comparison operator
6     p != q
7     isequal(p, q)
8     p === q # Strict equality check operator meaning also checks the same data type
              (Kinda Nationality check 🤔 🐘)
9 end
```

true

```
1 begin
2     'a' > 'c' # To check alphabetically
3     "Aladin" < "Arise" # Is it appears first in dictionary
4 end
```

Next, focus is on Logic Operators in Julia.

```
1 # 💡 Comparison Operators
2 md"""
3     Next, focus is on Logic Operators in Julia.
4     """
```

false

```
1 !true # Not operator
```

false

```
1 true && false #AND operator
```

true

```
1 true || false # OR operator
```

true

```
1 p == q || p == r
```

false

```
1 p == q && p == r
```