
Ruby Monstas



Session 6

Agenda

- Boolean Operators
- Exercises



Coming up

- Symbols
 - Project?
 - Object Oriented Programming?
 - Something else?
-

Boolean Operators

Not

```
if !condition
```

```
  # the condition is false
```

```
end
```

```
if condition1 != condition2
```

```
  # condition1 and condition2 are not equal
```

```
end
```

condition is a **boolean**.

Not: example

```
irb(main):001:0> name = "John"
```

```
=> "John"
```

```
irb(main):002:0> is_guest = false
```

```
=> false
```

```
irb(main):003:0> if !is_guest
```

```
irb(main):004:1>   puts "Welcome back, #{name}"
```

```
irb(main):005:1> end
```

```
Welcome back, John
```

```
=> nil
```

AND

```
if condition1 && condition2
  # condition1 and condition2 are true
end
```

condition is a **boolean**.

AND: example

```
irb(main):001:0> age = 26
```

```
=> 26
```

```
irb(main):002:0> if age > 25 && age < 50
```

```
irb(main):003:1>   puts "Your age is between 25 and 50"
```

```
irb(main):004:1> end
```

```
Your age is between 25 and 50
```

```
=> nil
```

OR

```
if condition1 || condition2
```

```
  # condition1 or condition2 is true, or both are true
```

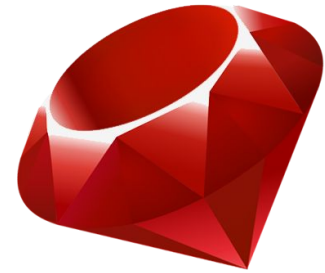
```
end
```

condition is a **boolean**.

OR: example

```
irb(main):001:0> name = "root"
=> "root"
irb(main):002:0> is_admin = true
=> true
irb(main):003:0> if name == "root" || is_admin
irb(main):004:1>   puts "You have super powers!"
irb(main):005:1> end
You have super powers!
=> nil
```

Time to practice



Let's get to it!
