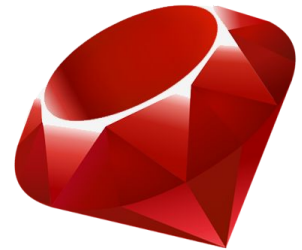

Ruby Monstas



Session 7

Agenda

- Recap: Boolean Operators
- Instance Variables
- Blocks
- Exercises



Boolean Operators

A		B		Result
false		false	==	false
true		false	==	true
false		true	==	true
true		true	==	false

Boolean Operators

A		B		Result
false	 &&	false	==	false
true		false	==	true
false		true	==	true
true		true	==	false

Boolean Operators

A		B		Result
false	 &&	false	==	false
true		false	==	true
false		true	==	true
true		true	==	false

Boolean Operators

A		B		Result
false	 &&	false	==	false
true		false	==	true
false		true	==	true
true		true	==	false

Boolean Operators

A		B		Result
false	 &&	false	==	false
true		false	==	true
false		true	==	true
true	^	true	==	false

Instance Variables

Available inside and outside of method

```
@name = "Sebastian"
```

```
age = 29
```

```
def print(age)
```

```
  puts "#{@name} is #{age} years old."
```

```
end
```

```
print(age)
```

Blocks

Blocks: Like methods, but without a name

```
5.times do  
  puts "Hello from inside a block!"  
end
```

Block arguments

```
numbers = [1, 2, 3, 4, 5]
```

```
numbers.each do |number|
```

```
  puts “#{number} was passed to the block”
```

```
end
```

Block return values: collect

```
numbers = [1, 2, 3, 4, 5]
```

```
numbers_plus_one = numbers.collect do |number|  
  number + 1  
end
```

```
puts numbers_plus_one
```

Block return values: select

```
numbers = [1, 2, 3, 4, 5]
```

```
odd_numbers = numbers.select do |number|  
  number.odd?  
end
```

```
puts odd_numbers
```

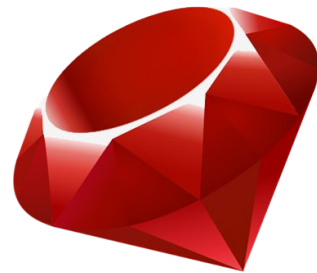
Block return values: detect

```
numbers = [1, 2, 3, 4, 5]
```

```
first_even_number = numbers.detect do |number|  
  number.even?  
end
```

```
puts first_even_number
```

Time to practice



Let's get to it!
