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# Ruby Monstas



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## Session 9

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# Agenda

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- Blocks
- Exercises



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# Blocks

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# Blocks: Like methods, but without a name

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

# Block arguments

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

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

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

```
end
```

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# 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
```

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# Block return values: detect

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

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

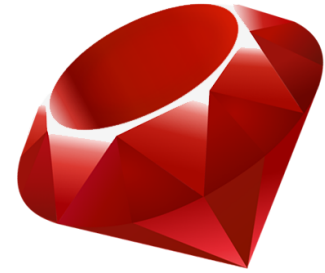
```
puts first_even_number
```

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# Time to practice



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Let's get to it!

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