

# Ruby monstas Ruby cheat sheet, Part 3



## Blocks

Name	Description	Structure	Examples
times	Iterates the given block int times, passing in values from zero to int - 1.	<pre><i>number.times do  i </i> <i>code</i> <i>end</i></pre> <p>or</p> <pre><i>numbers.times do</i> <i>code</i> <i>end</i></pre>	<pre>5.times do  i    puts i end</pre> <pre>5.times do   puts "Hello world!" end</pre>
collect	Creates a new array containing the values returned by the block.	<pre><i>array.collection do  value </i> <i>code</i> <i>end</i></pre>	<pre>numbers.collect do  number    number + 1 end</pre>
select	Returns a new array containing all elements of the array for which the given block returns a true value.	<pre><i>array.select do  value </i> <i>return boolean expression</i> <i>end</i></pre>	<pre>numbers.select do  number    number.odd? end</pre>
detect	Passes each entry in enum to block. Returns the first for which block is not false. If no object matches then it returns nil.	<pre><i>array.detect do  value </i> <i>return boolean expression</i> <i>end</i></pre>	<pre>numbers.detect do  number    number.even? end</pre>