

```
=> 5
```

```
=> false
```

```
'hello' is a char list  
"hello" is a String
```

```
=> "hello"
```

```
elem/2  
elem(tuple, index)
```

```
=> 4
```

```
foo holds a function,  
which called later,  
in another function.
```

```
=> [1, 12]
```

```
=> [1, 2, 4, 5]
```

```
=> foo.(1, 2)
```

```
=> "boo"
```

```
=> "ТАНЯ"
```

```
is_boolean/1  
is_integer/1  
is_float/1  
is_number/1
```

```
from Terminal:  
$elixir sample.exs
```

```
from iex:  
c "sample.exs"
```

arity is a number of arguments function receive.

```
Example:  
foo = fn a, b ->  
      a + b  
      end
```

We say function foo with
arity 2
foo/2

```
=> ["h", "e", "L"]
```

```
=> 2
```

```
=> ["a"]
```

```
=> **(MatchError) no  
match of right side  
value: []
```

empty list doesn't have head and tale.

```
=> [0, 1, 2, 3]
```

```
=> **(Argument Error)
```

or, and, not - boolean operators