

```
=> 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]
```

```
=> add.(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 have  
head and tale.
```

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

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

```
or, and, not - boolean operators
```