**Класс «Array»**

Наследник класса «Any»

**Методы:**

#### [indexOfLast](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/index-of-last.html) (4.9)

Returns index of the last element matching the given [predicate](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/index-of-last.html#kotlin.collections$indexOfLast(kotlin.Array((kotlin.collections.indexOfLast.T)),%20kotlin.Function1((kotlin.collections.indexOfLast.T,%20kotlin.Boolean)))/predicate), or -1 if the array does not contain such element.

fun <T> Array<out T>.indexOfLast(  
    **predicate**: (T) -> Boolean  
): Int

#### [take](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/take.html) (4.9, 4.58)

Returns a list containing first [n](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/take.html#kotlin.collections$take(kotlin.Array((kotlin.collections.take.T)),%20kotlin.Int)/n) elements.

fun <T> Array<out T>.take(**n**: Int): [List](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-list/index.html)<T>

#### [contains](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/contains.html) (4.10)

Returns true if [element](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/contains.html#kotlin.collections$contains(kotlin.Array((kotlin.collections.contains.T)),%20kotlin.collections.contains.T)/element) is found in the array.

operator fun <T> Array<out T>.contains(**element**: T): Boolean

#### [indexOf](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/index-of.html) (4.24)

Returns first index of [element](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/index-of.html#kotlin.collections$indexOf(kotlin.Array((kotlin.collections.indexOf.T)),%20kotlin.collections.indexOf.T)/element), or -1 if the array does not contain element.

fun <T> Array<out T>.indexOf(**element**: T): Int

#### [drop](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/drop.html) (4.58)

Returns a list containing all elements except first [n](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/drop.html#kotlin.collections$drop(kotlin.Array((kotlin.collections.drop.T)),%20kotlin.Int)/n) elements.

fun <T> Array<out T>.drop(**n**: Int): [List](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-list/index.html)<T>

**Класс «List»**

Наследник класса «Collection». Реализует интерфейс Iterable

**Методы:**

#### [plus](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/plus.html) (1, 3, 4.24, 9)

Returns a list containing all elements of the original collection and then the given [element](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/plus.html#kotlin.collections$plus(kotlin.collections.Iterable((kotlin.collections.plus.T)),%20kotlin.collections.plus.T)/element).

operator fun <T> [Collection](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-collection/index.html)<T>.plus(**element**: T): [List](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-list/index.html)<T>

#### [take](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/take.html) (4.9, 4.24, 4.58)

Returns a list containing first [n](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/take.html#kotlin.collections$take(kotlin.Array((kotlin.collections.take.T)),%20kotlin.Int)/n) elements.

#### fun <T> [Iterable](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-iterable/index.html)<T>.take(n: Int): [List](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-list/index.html)<T>

#### [indexOfLast](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/index-of-last.html) (4.9)

Returns index of the last element matching the given [predicate](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/index-of-last.html#kotlin.collections$indexOfLast(kotlin.Array((kotlin.collections.indexOfLast.T)),%20kotlin.Function1((kotlin.collections.indexOfLast.T,%20kotlin.Boolean)))/predicate), or -1 if the array does not contain such element.

#### fun <T> [List](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-list/index.html)<T>.indexOfLast(predicate: (T) -> Boolean): Int

#### [drop](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/drop.html) (4.24, 4.58)

Returns a list containing all elements except first [n](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/drop.html#kotlin.collections$drop(kotlin.collections.Iterable((kotlin.collections.drop.T)),%20kotlin.Int)/n) elements.

fun <T> [Iterable](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-iterable/index.html)<T>.drop(**n**: Int): [List](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-list/index.html)<T>

#### [find](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/find.html) (10)

Returns the first element matching the given [predicate](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/find.html#kotlin.collections$find(kotlin.collections.Iterable((kotlin.collections.find.T)),%20kotlin.Function1((kotlin.collections.find.T,%20kotlin.Boolean)))/predicate), or null if no such element was found.

fun <T> [Iterable](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-iterable/index.html)<T>.find(**predicate**: (T) -> Boolean): T?

**Класс «Set»**

Наследник класса «Collection». Реализует интерфейс Iterable

**Методы:**

#### [plus](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/plus.html) (10)

Returns a set containing all elements of the original set and then the given [element](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/plus.html#kotlin.collections$plus(kotlin.collections.Set((kotlin.collections.plus.T)),%20kotlin.collections.plus.T)/element) if it isn't already in this set.

operator fun <T> [Set](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-set/index.html)<T>.plus(**element**: T): [Set](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-set/index.html)<T>

#### [find](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/find.html) (10)

Returns the first element matching the given [predicate](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/find.html#kotlin.collections$find(kotlin.collections.Iterable((kotlin.collections.find.T)),%20kotlin.Function1((kotlin.collections.find.T,%20kotlin.Boolean)))/predicate), or null if no such element was found.

fun <T> [Iterable](https://kotlinlang.org/api/latest/jvm/stdlib/kotlin.collections/-iterable/index.html)<T>.find(**predicate**: (T) -> Boolean): T?