

Задание 1. Классы коллекций

Изучите классы реализации коллекций и заполните следующую таблицу

| | Ordering | Random Access | Key-Value Pairs | Allows Duplicates | Allows Null Values | Thread Safe | Blocking Operations |
|---------------------------|----------|---------------|-----------------|-------------------|--------------------|-------------|---------------------|
| ArrayList | Yes | Yes | No | Yes | Yes | No | No |
| Vector (d.) | Yes | Yes | No | Yes | Yes | Yes | Yes |
| LinkedList | Yes | Yes | No | Yes | Yes | No | No |
| Stack (ex. Vector) | Yes | No | No | Yes | Yes | Yes | Yes |
| PriorityQueue | Yes* | No | No | Yes | No | No | No |
| ArrayDeque | Yes | No | No | Yes | No | No | No |
| ArrayQueue | Yes | No | No | Yes | No | No | No |
| HashMap | No | Yes | Yes | No | Yes | No | No |
| HashTable (d.) | No | Yes | Yes | No | No | Yes | Yes |
| LinkedHashMap | Yes | Yes | Yes | No | Yes | No | No |
| TreeMap | Yes | Yes | Yes | No | Yes | No | No |
| HashSet | No | Yes | No** | No | 1 | No | No |
| LinkedHashSet | Yes | Yes | No** | No | 1 | No | No |
| TreeSet | Yes | Yes*** | No** | No | 1 | No | No |
| | | | | | | | |

* If offer() and poll() methods are implemented
** based on HashMap
*** By Value