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 | - |
| LinkedList | Yes | Yes | No | Yes | Yes | No | - |
| HashMap | No | Yes | Yes | No | Yes | No | - |
| LinkedHashMap | Yes | Yes | Yes | No | Yes | No | - |
| TreeMap | Yes | Yes | Yes | No | Yes | No | - |
| LinkedHashSet | Yes | No | No | No | Yes | No | - |
| TreeSet | Yes | No | No | No | No | No | - |
| HashSet | No | No | No | No | Yes | No | - |
| ArrayDeque | Yes | No | No | Yes | No | No | - |
| Stack | Yes | No | No | Yes | Yes | Yes | - |
| Vector | Yes | Yes | No | Yes | Yes | Yes | - |
| HashTable | No | Yes | Yes | No | No | Yes | - |

<http://developer.alexanderklimov.ru/android/java/collections.php>

<http://java67.blogspot.sg/2012/08/difference-between-hashset-and-hashmap.html>

<https://kaanmutlu.files.wordpress.com/2011/12/collections.png>

<http://www.quizful.net/post/Java-Collections>