|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Ordering | Random Access | Key-Value Pairs | Allows Duplicates | Allows Null Values | Thread Safe | Blocking Operations |
| ArrayList | Yes | Yes | No | Yes | Yes | No | No |
| LinkedList | Yes | Yes | No | Yes | Yes | No | No |
| HashSet | No | No | No | No | Yes | No | No |
| LinkedHashSet | Yes | No | No | No | Yes | No | No |
| HashMap | No | No | Yes | No | Yes | No | No |
| LinkedHashMap | Yes | No | Yes | No | Yes | No | No |
| Vector | Yes | Yes | No | Yes | Yes | Yes | Yes |
| Stack | Yes | No | No | Yes | Yes | Yes | Yes |
| TreeSet | Yes | No | No | No | Yes | No | No |
| TreeMap | Yes | No | Yes | No | Yes | No | No |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |