Hashmap vs LinkedHashmap vs TreeMap

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| **Property** | **HASHMAP** | **LinkedHashMap** | **TreeMap** |
| Order of iteration | No Guarantee order | Insertion Order | Sorted according to either natural order of keys |
| Implementation | buckets | Double-linked buckets | Self-balancing binary tree |
| Memory | Low memory | More memory | Low memory |

HashSet vs LinkedHashSet vs TreeSet

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| **Property** | **HashSet** | **LinkedHashSet** | **TreeSet** |
| Data structure | It uses a HashTable | It uses a HashTable and Doubly linked list | Uses TreeMap |
| Insertion order | Does not provide any insertion order. We can predict the order | Provides insertion order | According to some comparator elements |
| Memory | Less memory | More memory | More memory |
| Extends | abstractSet class | HashSet class | Set, SortedSet |

ArrayList vs LinkedList

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| **Property** | **ArrayList** | **LinkedList** |
| Data structure | Dynamic array | Doubly linked list |
| speed | slow | Fast |
| Extends | List class | List and Queue class |
| Memory location | Contiguous | Not contiguous |