

Collection

Collection Point Table

Class	Threa d Safe	Dupli cates	Nul l	Sort ed	Inse rtion Ord er	Initial Size	Insert ion Comp lexity	Deleti on Comp lexity	Searc hing Comp lexity	Get	Data Structu re
Array List	No	Yes	Yes	No	Yes	10 -> 50%	O(1)	O(n)	O(n)	O(1)	Array
Linke dList	No	Yes	Yes	No	Yes	-	O(1)	O(1)	O(n)	O(n)	Linked List
Copy OnWr iteArr ayList	Yes	Yes	Yes	No	Yes	-	O(n)	O(n)	O(n)	O(1)	Array
Vector	Yes	Yes	Yes	No	Yes	10 -> 100%	O(1)	O(n)	O(n)	O(1)	Array
HashS et	No	No	Yes	No	No	-	O(1)	O(1)	O(log N)	O(1)	Hash Table
Linke dHash Set	No	No	Yes	No	Yes	-	O(1)	O(1)	O(log N)	O(1)	Hash Table & Doubly -LL

