

3] Difference between Avrey 1:st and Vector?		
21	Nol Deveny 2ist	Vector
1.	No Avery 2ist # It is developed in vr1.2	It is developed in
2.	1 7.	It is Legony dons
3.	Non-Synchronized	It is Synchronized
4.	Not Thread Safe	Thread Safe.
5.	capacity is 50%.	capacity is 100%. of
Difference Array List and Linked List?		
J.No	Arraylist	Linked List
1.	Doeta Strudure of Array List is groundle.	Data Structure of list is cloubly Linked List
The second second	It is used for data retrieval and when insertion order is	It is used for deletion of dota con insertion
Barrie .	finally priortised. It implements devialization cloneable and Random access.	5+ implements Serialization chance ble.
	weeks .	

5] Difference between List I torotox of Iterator ? Shop I terestor T texator List I herador is the Iterator is the interface entends is used to foth the I terator List I tenator can present in I terator can orly forward and Backward Print forward. Laist I terator can print 3. I terator prints from first to Last. un any specified position 6] Difference between Set and List ? det Did is adopted to remove list is adopted when duplicate values. insertion order is high. Let is used when insertion Deleting the elements order is not mandatory is viccommeled we go to list. Set is used when dorting i List is used when Dorting is of Last given priority. priority after a doch 可见你

of Difference Hash Set and Tree Set ? Tree Set Mash det Dodo Structure of Tree Set is * Deta Structure of hash det is hash table. Binary tree. Iteration order of tree Set * Itoration order of hash Set is Arbitary. is dorked. Null values are not allowed. * Lingle Null Values are allowed. Tree Set processing time is allow compared to howhelet. of Hash of Set process is tree elet. Hash det and Mash Map? 8) Difference between Hash Map Duplicate Kuys are mot allowed but duplicate values are allowed. Hash Set Duplicate values are Single mull key allowed but multiple mull values are houshest. dingle null value is allowed. allowed. Here in Hash Map, we use put! method to orde the data In harhset we use add 1) method to add the data

9] Difference both Hash map and How I toble? Hash Map Hastable Hash to ble is Synchronized. Hash Map is nonand thread safe. Synchronized and not thread slage. Hashtable doesn't allow any Hash map allows one rull key and null Key by Value. multiple null values. Mushtable is Slow. Mashmap is fast. Hashtable is traversed by Hashmap is traversed Inumerator 60 & literator. by iterator. Comparator and Comparable) 10] Difference between Composable Comparator Provides Single Sorting i) Multiple Dorting dequences Dequence. Fin Comparable affects the 1) Comparedor doesn't affect the original class original class Ci-e, the actual class will li-e., the actual class is not modified). be modified) Comparable is present in [] Compencedor is present in jora util package. jora util parkage. Conjunable provides compareto Compounctor provides compore method to Sort elements. foll method to Sort elements.

Compere Toll: Compares this object with an ol object and returns an object integer, Corpore 1):. Compares the first object with Second object and returns an integer. 117 How to Synchronize List Set and May dements? I Inorder to get a Synchronized list from an Array
List, we use Synchron Pzed List [List 277] method 27 collection. Synchronizad Let () method is used to 3] collection, dynchronized map (MashHop) is used to Lynchronize map elements. Syndronize map elements. 12] What cloyou uncloustand by fail fast and fail Say

Son java, collection Supports two types of iterators

Rev they are, 17 Fail Fast ii Fail Dofe the fail fast iterator aborts the operation as Soon it expases failures and stops the entire operation Comparatively.

Fail Safe iterator doesn't aborts the operation in case of failure. Instead it tries to avoid failures as much as poss? ble. Difference between Avrey and Avrey List? Array List Array is Static in Avroy List is dynamic in Size of the state of reducant Array closs not accept Away list accepts mill mill values. values It is fined Length It is variable length data dato Structure. Structure.