01	what is the collection framework in java?
>	collection les la
7	collection francework is a combination of closes and interface
	which is used to store and manipulate the data in the John
	of objects. It provides various clarges such as Aboquest,
	Norther and souls set and subschools I have
	Noctor and stack etc and Interfaces such as list, set,
	queue etc. for this propose.
0.2	what is the difference between Armaylist and Linkedlist?
	le l'ile.
=====================================	Avoraglist
141	Arranglist uses dynamic array linkedlist uses doubly linkedlist. Arranglist is better to store and linkedlist is better to manipulate do
	I a last a last of last of last of the state of the
(2)	Arraylist is better to store and unknown is better to manipulation
	Jetch data
100	a 101 101 8 101 and a great linked list does not broude Tandon
(3)	Aporaglest provides sandon alless linkedlist does not provide Tandon access. Page No.

Caati lenked list in efficient for manipulation (4) too which is not efficient for manipulation because bereinbert is your out (5) Avoraglest takes loss linkedlist takes more monogy overhed as it stores objects as well as the address of that object. memory overhead as It telstones only objects B3 what in the difference between iterator and listaterator In Journal direction only. In Journard and backward direction booth (a) iterator lan be used in listiterator an be used in list, set and Queve list only (3) Morator can only perform listitorator can perform add, memore operation while premove and set operation while to aversing the collection to aversing the collection Qu what is the difference between iterator and enumeration? greatest una recordeste enumeration can towerse only legacy and non legacy elements legacy elements (2) Récrator à fail-fait enumeration is not fait fact (3) Iterrator & slower than enumeration is faster than enumeration (4) Steprator can porform enomeoration can perform only nemore operation where to avour operations on transporting the collection Collection 95 what is difference between list and set?



e) List cond set both extends collection interpoles

(a) List can contain duplicate elements whereas set includes

unique elements (2) List is an ordered collection which maintains insertion order where as set is an unordered collection which does not horoserve insertion mades breserve insertion worders

Sint interface contains single legacy class which is vectors

class where as set interface does not have any legacy (4) list interface can allow number of null value where as as what is the difference between Hashet and Treezet? Treeset class implements souled set interface that uses a toree for storage. Towever contains unique elevents. The allers and retrieval time of treezet is quite fast. The elements in topeset stored in asserding condon Hasheet class & used to create a collection that uses hashtable for storage It Enherits abstract set class and Emplements Let interface. Harber class stories clonents by using a mechanism called hashing. It contains unique elements. It allows will values. Hasho et class in non symbolowized. The Initial default capacity of hasheet is 16 and load factor is 0.75 Q7 what is the difference between Array and Arraylist? Both array and arraylist are used to stone collection of elements. Arteray can hold pramative values and objects where as As very list is capable of holding only objects not primitive types

The size of social & fixed and the size of woray list is not fixed they

A way have limited not a method of are growable in nature. Array have limited retay methods as

compared to averaglet which provides more methods for manipulating the Collection such as adding, removing and sorting elements. Array can be initialized with valvey at the time of creation while Agoraglist requires use of methods to add elements to Collection.