Collection Framework

	Collection fr	anework
0	what is the collection	in framework in Java?
Aux	Collection Framework	is a combination
ms	of clay and interfo	
	ginam bus work of	
	the form of object	
2		w Arraylist e Linkedlist
2)	most is difference of	w Arraylist & Allike
Ans	0 111	li bal list
	Hrraylist .	Linked List
Jan	-implemented as a dynamic	implemented as a doubly
		linked list.
- 11	is laster than Linked List,	elements are not store in
	element are stored in	Contiguously
	Contiguous memory	- 100 Charles & Harris L
MIMORY -	Take lus memory as it	- takes more memory as it
arched	Hores, only object	stored the object or well
,	J Thomas	as the address of that
Ú	11 water was the	object.
	is in the state of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3)	Therator Us List I!	terator.
	Theretor	list Iterator
_	Traverses the elements in	Traverses the elements in
1	the Lorward direction Only	backward & forward, both.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Andrew Control of the second
	und in hist, Set & Queno	used in List Only.
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		A CONTRACT OF THE PARTY OF THE

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the state of the s	Aterator is Frumeration.	1
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-	Armine Francisco	
	Legacy claments some properse only loge	
	degaces claments	Y
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_	is fail - test is not fail - test	
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	is slower than Enumer - is faster the Iteration	1
	-ation Than Enumer is faster the Iteras	to
	-ation - some -	1
	The same of the sa	\
	perform	/
	- ation while have oper - only perform trave	L
	allon whale traversing contain on the	1
1	perform a remove oper- only perform traversing operation on the last the collection ection	A.
	The state of the s	/
5)		I,
	List and Set	
		$\overline{}$
	List Con contain duplicate elements whereas	Pada.
	include Etnemis Transming annual includes	W
_	and a significant of the signifi	
	Diet is an ordered Collection whereas set	
	List contains a single legacy class in ver whereas set does not have any legacy class class list interface can allow a my legacy class	
	survivos es surges degacy class are Vel	tor
	whereas set does not have are hoard class	٨
	List interface can allow a number of	1.
	allows a diverse set interface only	FIEL ST
	all interface only	
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ATT.	Miles with waters of 5 All of	To the second
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6)	HashSet and Trees	Set. TreeSet
	Hashset	Treeset
-	unordered Collection	Sorted based on their
		natural order.
	duplicates not allow	- not allowed.
10		
	implemented using a host table	- implemented using a self-balancing binary
	THE TANK	self-balancing binary
	Constant time Complexity	- loss 27 hmic - time Comp
K.	0(1).	- logarithmic-time Compa O(log n)
		o (log n)
_	uses lass marrory	- stores additional info.
	0	- stores additional info. for maintaining the order.
7)		
	Can store primitive data	Arraylist
	tures & object	- Only Stored object
-	size is fixed	-dynamically charge.
_	Arrays are Mutable	- also Mutable.
-	have limited set of	- more Methods for marip-
	methods	-ulating collection.
	initialized with Value	- use of methods to
	at time of treation	add elements to collection
~_	at time of treation Tradictional to for -	
~	at time of treation	add elements to collection
~	at time of treation Tradictional to for -	add elements to collection