	Srivenkatesh. Nair (Sn 6711)  M T W T F S S Page No.: YOUVA
7 8 7 8 7 8	Abhinar Menon (am 6176) Date:
	Homework 9.1
	Comparator < 9 super E>
	The state of the s
	The wildcoold or whenown age its lower bound
1277	is F. So the statement means you have a
Cal	The wildcoord or unknown type is a super class of E which in generalis means its lower bound is E. So, the statement means you have a Comparator with a generic type of 7 super E".
2	SortedSet (E) headSet (E to Element)
2.5	To A 16 L (P & Plans +) mallood of Java
<u> </u>	The head set (& to Element) method of Java Sorted Set interface is used to return a view of
	the portion of the set vivon set whose element are
	Sorfed Set intertace is used to two set whose element are the portion of the set given set whose element are strictly less than ethe element "toblement" E' represents generic type element
	represents generic type element
3	E first()
	"(C. LC)" in a Head within Sortal Sot into Haco
9	is igues allaich voturens the hist (lowest) dement
	"first ()" is a method within SorteelSet interface in java which returns the first (lowest) element weverty in this sorted set and this set contain type 'E' elements.
50	type 'E' elements.
4	Vector (Collection < ? extends E>C)
	Constructs a vector containing the elements of the
	excited collection: Collection can be at any
	type (9) but it has an upper bound of
٠.	specified collection. Collection can be ob any type (?) but it has an upper bound of type 'E'. (Since extends E)</th
(5)	public boolean contains All Collection < 15 ()
->	This implements a method contains All () which
	takes a collection c'as parameter which retuens a boolean value. The collection c'
	verueurs à booteur value. In Collection e

AVUO		Page No.:  Page No.:  YOUVA
ary	can be of any type as we a wild could (2)	house used
bon	requires comparate method date	1029
(6)	public boolean removeAll (Collect	ion < 17c)
bos	This implements/declaration of v method which takes a parameter	enoveAII()
whi ka	method which takes a parowither which can be of any type ( ) on	d returns a
	boolean value	7 extends E/c)
(7)	Companied of Support >> list, I kee	chrotxo
->	This implements / Is a declaration of methods which takes a collection	add AIIC)
Lype	parameter which returns a bac	ofear value
hideu	the Collection 'c' can be of any	Bie Element
14 1	(< 1 externals =>)	nd and
(8)	public void insert Element At (E obj	, intindex)
TVOGIN	Trie insplanantal vis a declarati	en ob
DOEDE	insert Element At () method which	talkas obj
ley	This implements is a declaration insert Element At () method which index as previous eters. This method vertices anything. The parameter of the type E' i.e Blement as is of the type Int.	ter obj is
	of the type E'vie Bloment a	nel Index
( )	is of the type III	1 10 555
9	public static < T extends Compared void sort (List < T> list)	de < 7. super 1/2
N		L.V. a.
N. Carrie	This declaration says, that argue sort () method must be of a to	of List of
days to		, , ,

upe T' (List <T>). This T' toold be upe that implements Companable < 9 sc fort requires compare To method "in Comparable to compare elements of "Comparable < ? super T>" means that type (i.e wild raved) which has a lower of type T' and can accept any (10) public static < T> int binary Seconch (List<?)
extends Comparable <? super T>> list, T key) This implements / sis a method declaration for binary Sewich () which has a return type int. This method is of type I takes in two parameters are list and key. The parameter can be of any type? (i.e wilded has an upper bound of typo? super T> . "Comparable <9'superT> type ? (i.e. wildowrd) which has a lower bound of type T any superstype of public static void reverse (List <?>