28 LOWER BOUND & UPPER BOUND CTN >> N: 1/1 6 CHURCH 1=0; i< N; i++) CZN >> ARR[i]; -> To make lover bound & upper bound work efficiently in O(log(m)) operation we have to give it a souted array on souted vector. ARR+N In case of a lower bound teturing a pointer If the element which we are by trying to find is present then lover bound toturns that element only or else it returns its next greater element

```
the element which we we are trying to
  find is higher than massimum no of array, it will teturn next to last
 painter, ARRIN ( and if we true to print
 that it will telury a garbage value.
 is always better to use on if their for that
 -> LOWER BOUND ( STARTING POINTER, ENDING POINTER,
    CLEMENT-70-FIND); II SYNTAY
 ZNZ *PRR = LOWER - BOUND ( ARR, ARR+N,
         Celement which is not ont
 INT *PRR3 = LOWER_BOUND (ARR, ARR+N, 26)
   11 ARR+ N ( clement which exceeds the massinger
    COUT << "NOT FOUND" << " \n";
     a case of an array upper bound tetering
    pointer. Upper bound always its next
gruster element. If the element which we
      topying to find its is higher than
```

	. Oate
	maximum no of average it will treturn next
	to last pointer, nex+ N (And if we try
	to print that it will testurn a go garbage
	value, so, it is always letter to use a
	if check for that).
1	luck in the for the first to
ecO.J	LY UPPER BOUND (STARTING - POINTER , ENDING - POINTER,
	ELEMENT - 30 - FIND - NEXT - GREATER - OF); // JYNPAX
1,0	CLE & CHIEFPE & DECEMBER LANGUE FE OFUR
00.0	THY *PTR4 = UPPER BOUND (ARR, ARR+N, 5); 117
	(element which is present)
- I mil	10:30 7 11 4 (6) 5 HURS - 23 HOLE 13 16 25 HA
0	TE (PTR4 == ARR+N)
1:	{ A A STATE OF THE
-1	COUZ << "NOZ FOUND"? << " \m";
	A Harmon Table
	EISE
	\$ - 2 T 3 1 E C 11 : (10) 1 1 2 3 1 6 7 3 - 3
	COU? << * P?R4 << "/m";
	3 (47) The six the state of some
	-, How, in case of vector upper bound and
	lover bound returns iterator in place of pointer
	-> eg:
1	30R3 (V. BEG3N(), V.END);
	AUZO 37 = LOWER BOUND (V. BEGZN (), V. END (), 5);
5-1	AURO 37 = UPPER - BOUND (V. BE432 (), V. END (), 5)
	3F (37 == A. END ())
7	they agree of the second to th
/	S CONSTRACT NOS EDUND " << 1/1 / 13 13 15

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	& the fact of the party in the	35554 RAOL DAL	- Comment of the Comm
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-	I A A A A A A A A A A A A A A A A A A A	150/LL 29/LSVL	-
	? cour of sets and me	the show	
	not use when bound and	18hort 18hort	
Z	AURO 37 = LOWER_BOUND (S.B.	G(311) . S.END	(),5)
-	11 3+ will give TIE on leigh	value, T.	C = 0(5)
	Instead use like this:	5 to enales	
	AU70 37 = 5. LOWER - BOUND (5); H 7-C = O(logen
	of the policy of	00 = HO-0 1 = 200	

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