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Assignment.	Section of the sectio							
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Show the	oorking	- cet	31000	1 (3 ea~ (h -		
L1 = (3	7 10	~ D		1 (17 6		٦]	
denne nt =	11 E		= 1-1	*, 	12,	0,5	٠	
	•			-				

Soln:

11 > 16. L1 = 5 7 10 21 30 37 42 45 [3] index [0] (1) (2) (3) (4) (5) (6) (7) (8) UO (e a lta a thin a d

iteration 1

\ = 0. U= len(L1)-1 = 8...

mid = 10 +8 11

Tetroria Beattle Director ful

wompare. 11 <= 30.

Steration 2.

U = mid - 1 = 4-1 = 3. mid: 0+3 = 1.5 = 1.

corpare.

11 > 7

sternan 3. L= mid +1 = 1+1 = b= U= 3. $mid = \frac{2+3}{2} = \frac{5}{2} = \frac{2-5}{2}$ Compare. 11 > 10. 08 10 01 L= mid+1= 2+1= 3 U = mid = 3+3 compare 1-(11) 13) "Segrich Unsuccessful return 17 Kz 30