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Subject: **Data Structures CS301** Test: Midterm past Paper questions **Total Questions:** Ques tion No. Total Mark s **Question Details** ddd dfdfdf dfd ddd ddd dfdf df df f d d 2

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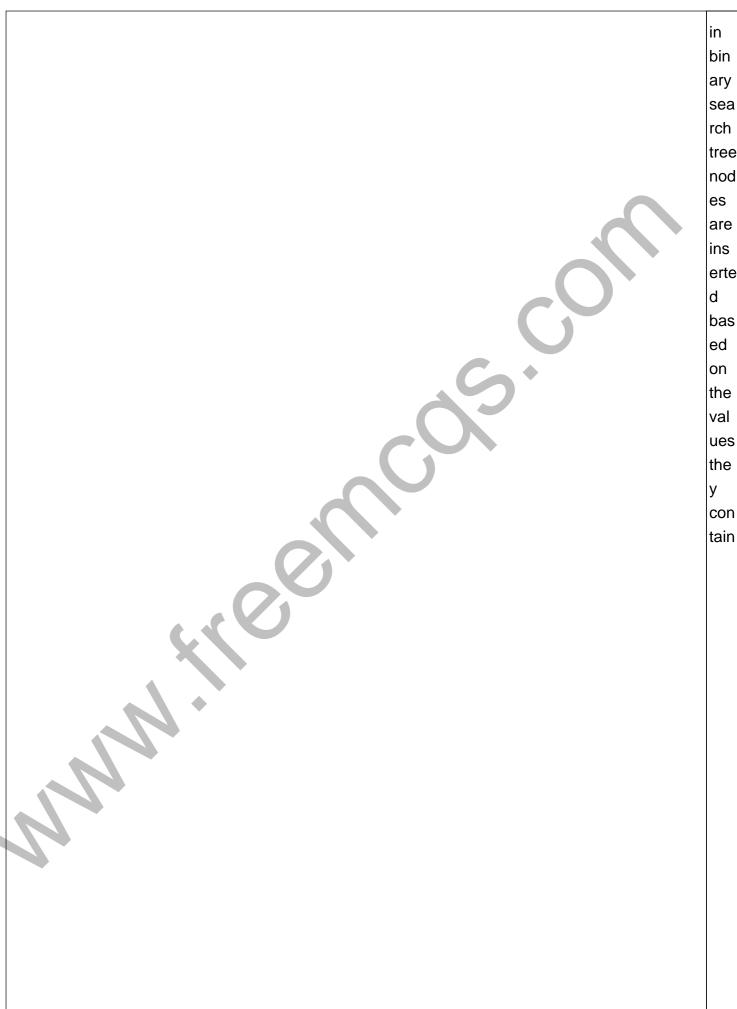


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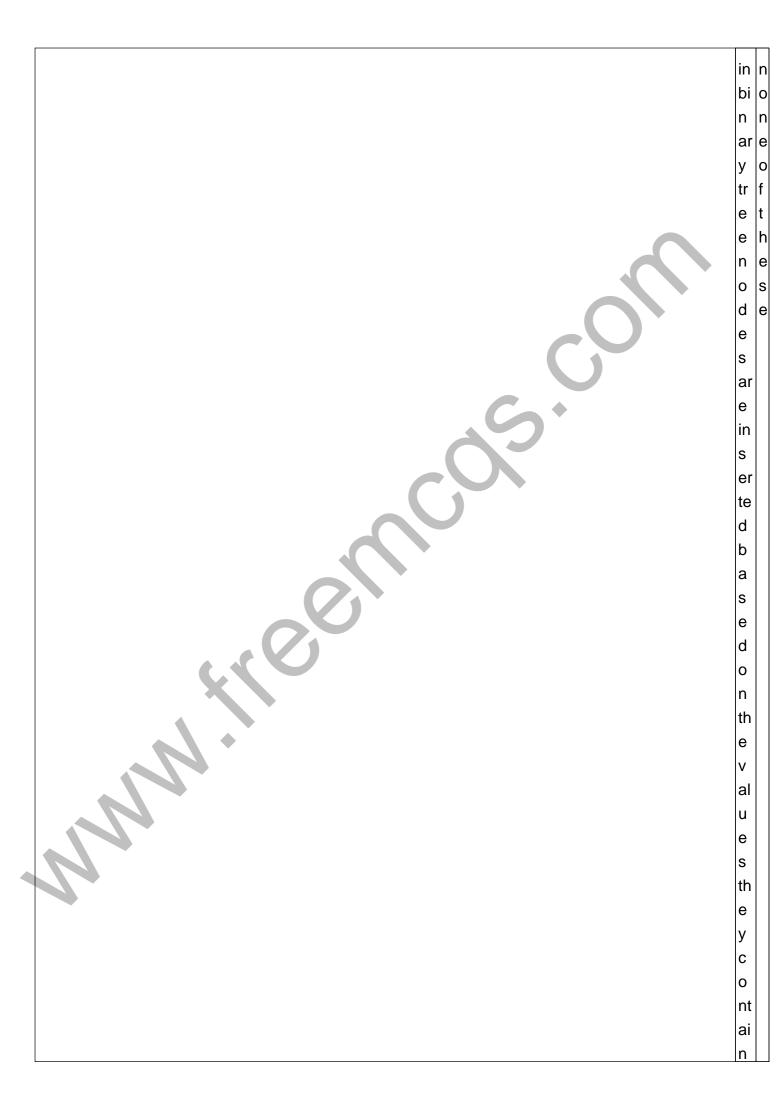




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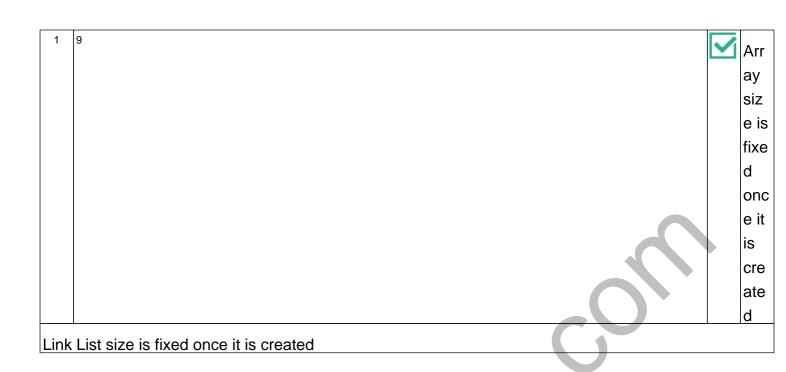


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	Linked lists are collections of data items "lined up in a row", insertions and deletions can be	9	•
	made only at the front and the back of a linked list.		
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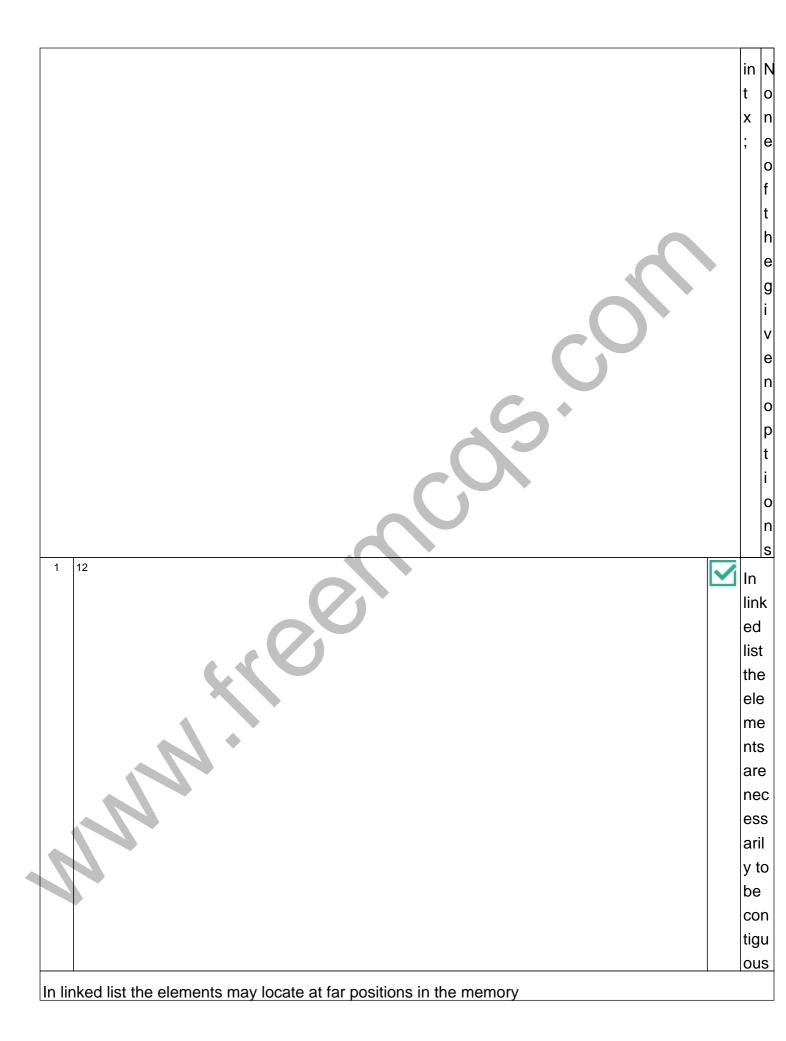
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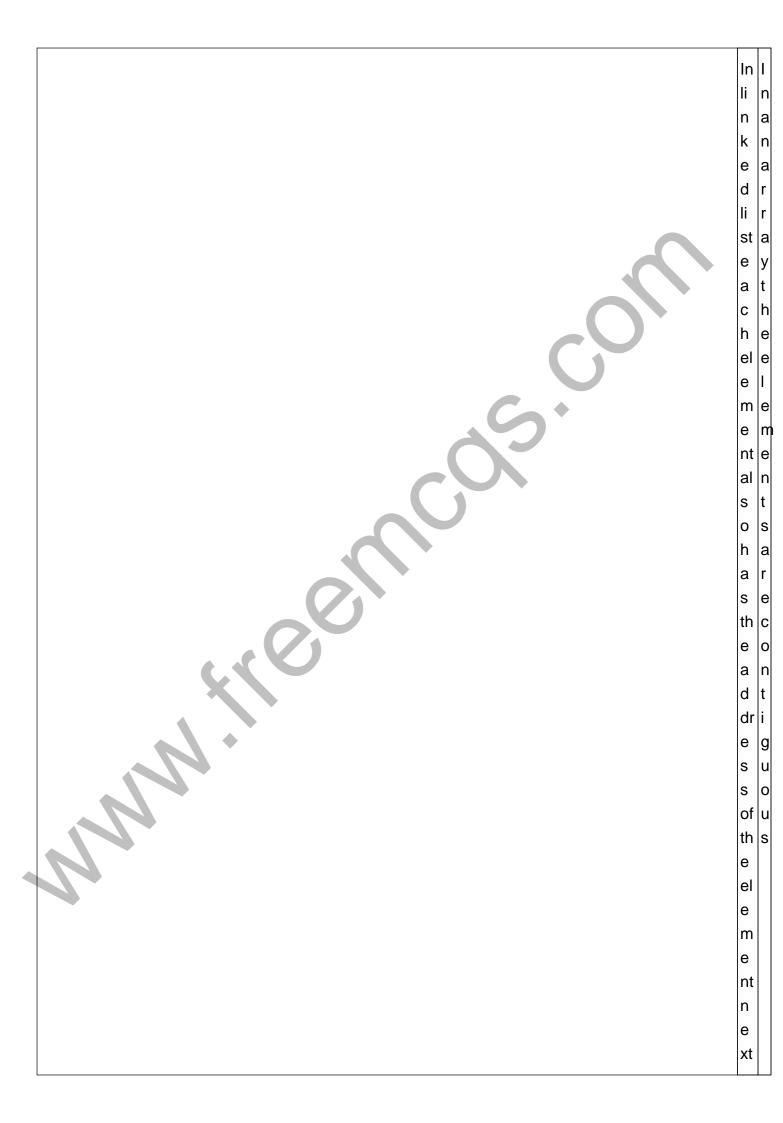
In linked list each element also has the address of the element next to it Whi ect In

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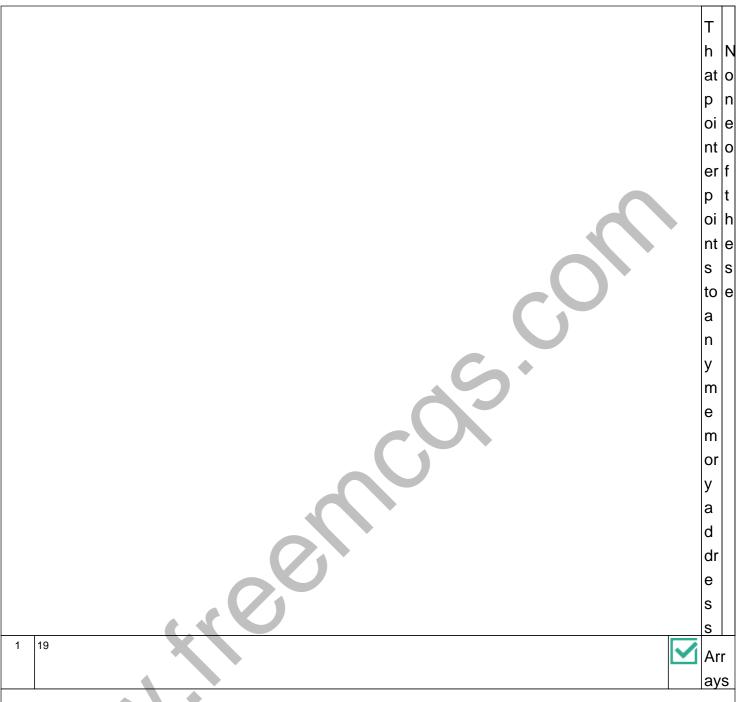


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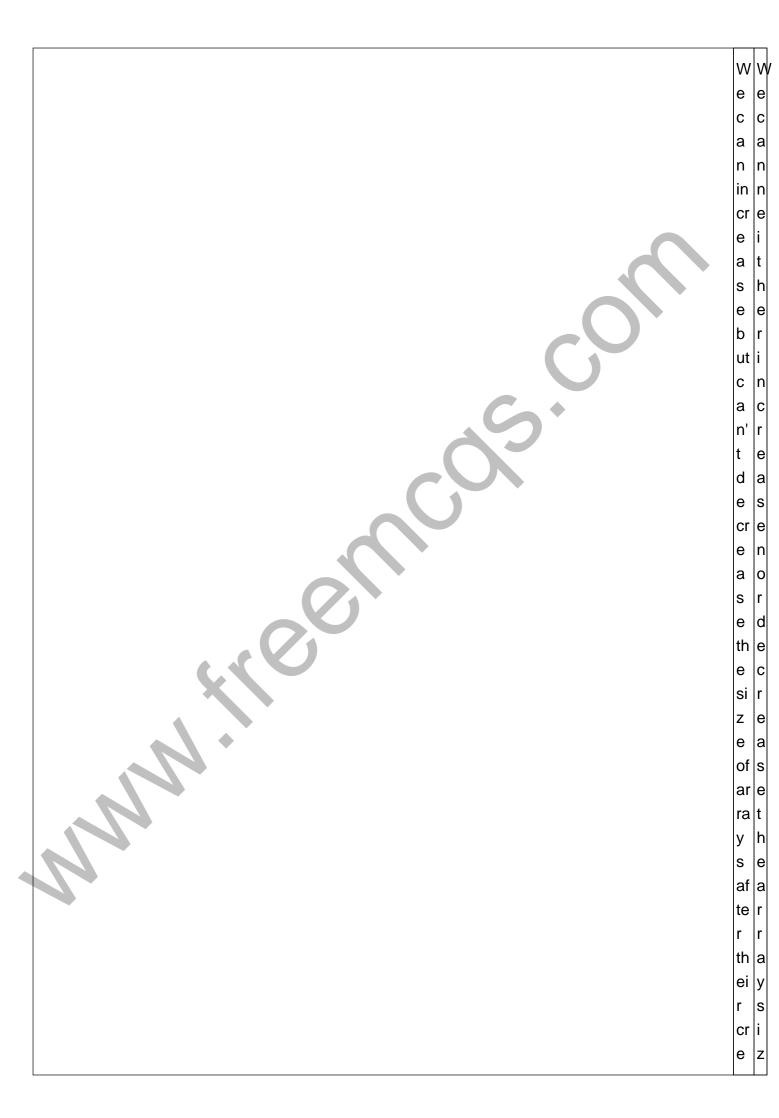
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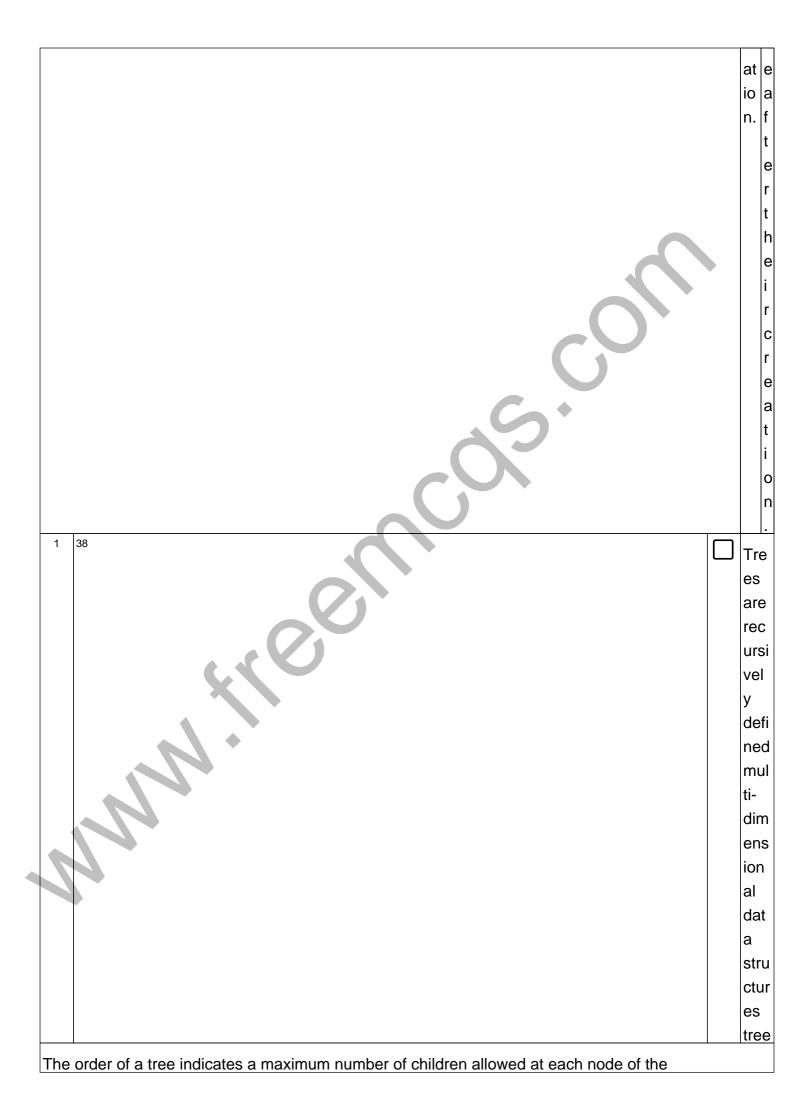
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vve	can decrease the size of arrays after their creation.		



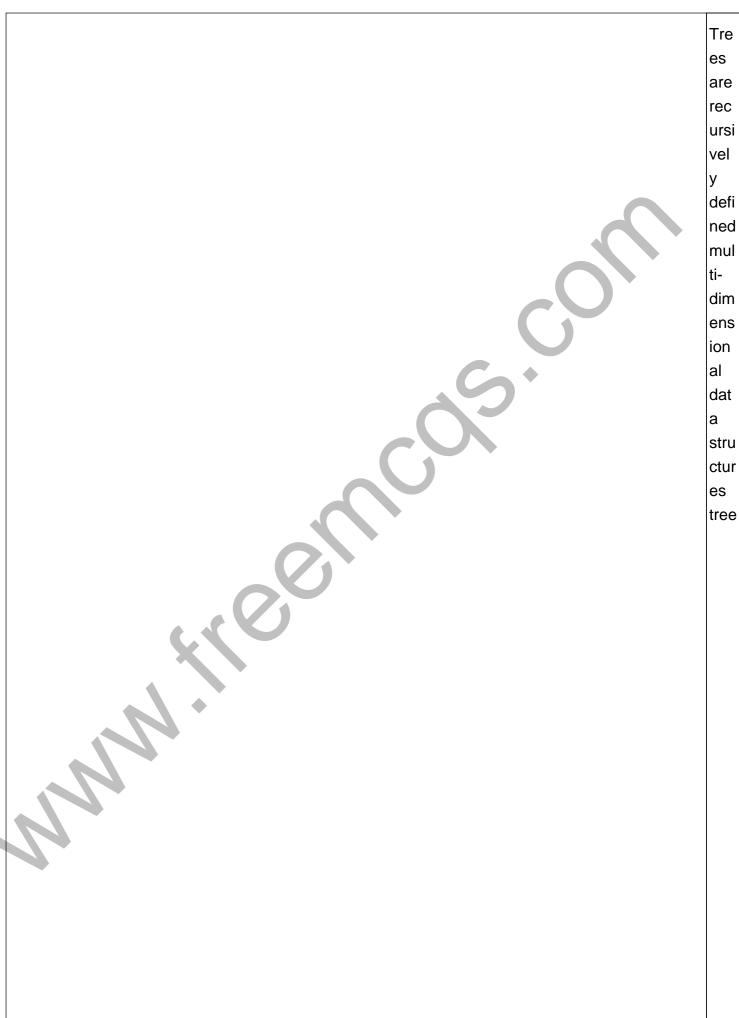


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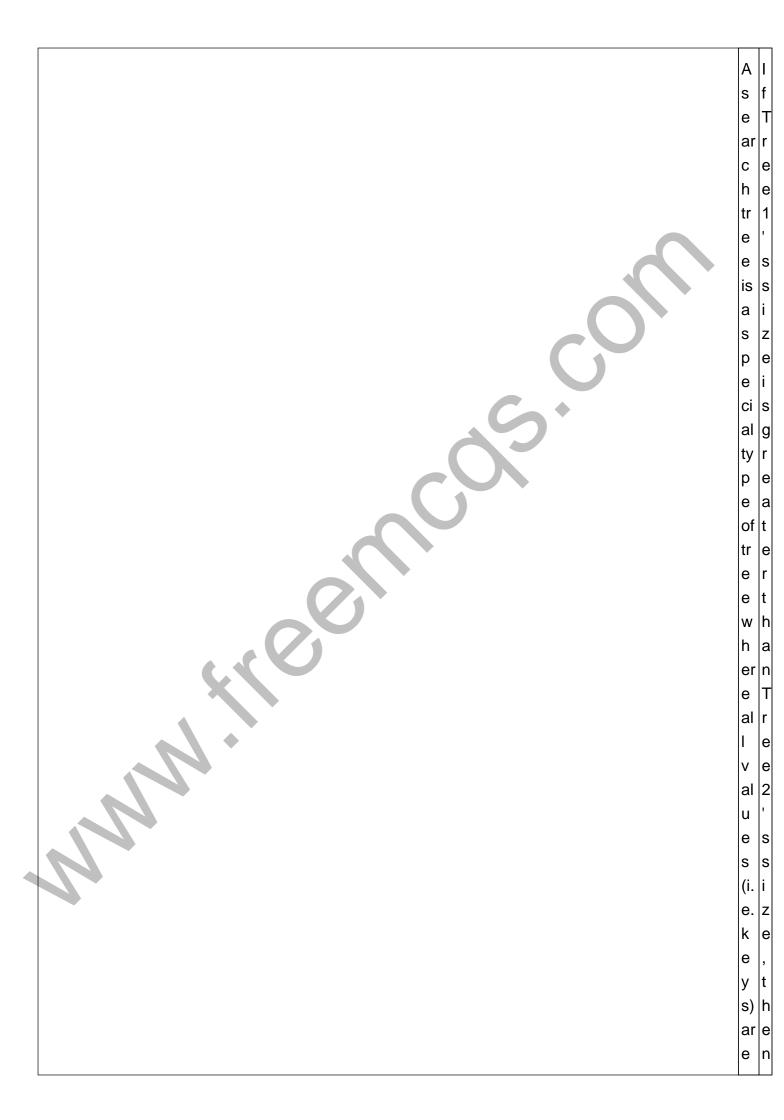




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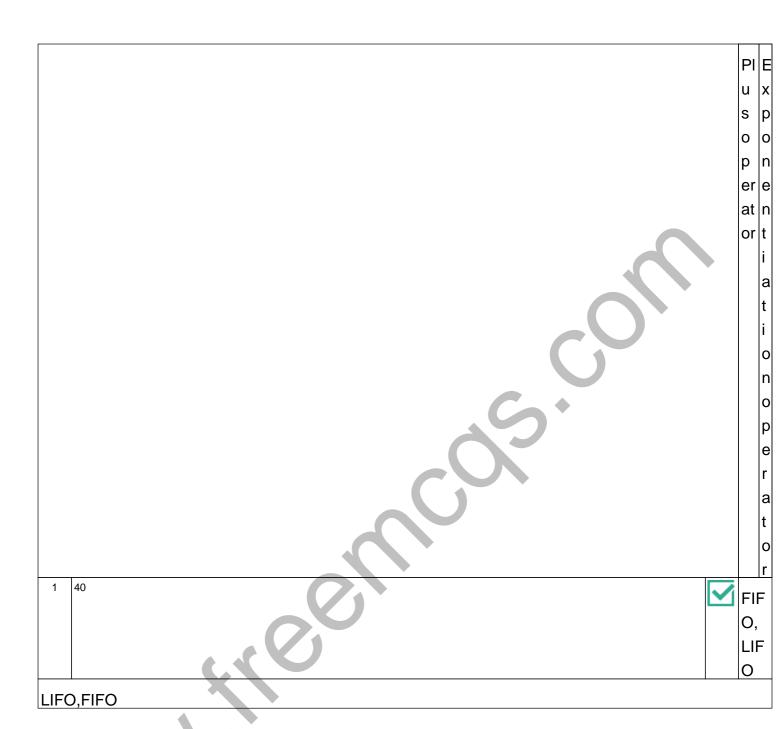




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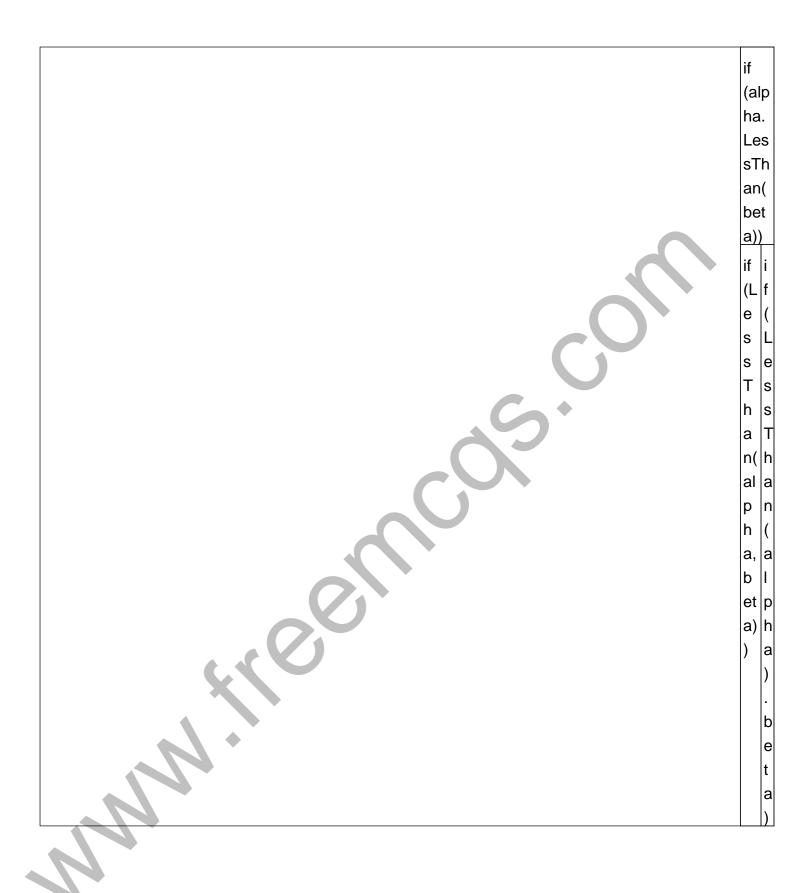


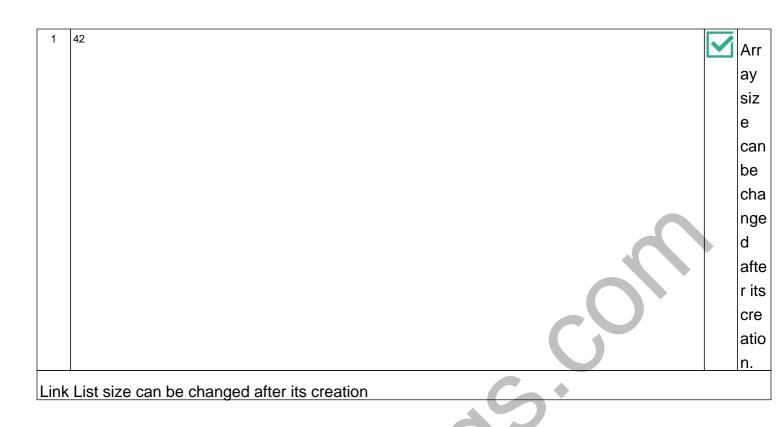
Su ppo se that the cla SS dec lara tion So me Cla SS incl ude the foll owi ng fun ctio prot oty pe. boo Les sTh an( So me Cla SS ano ther



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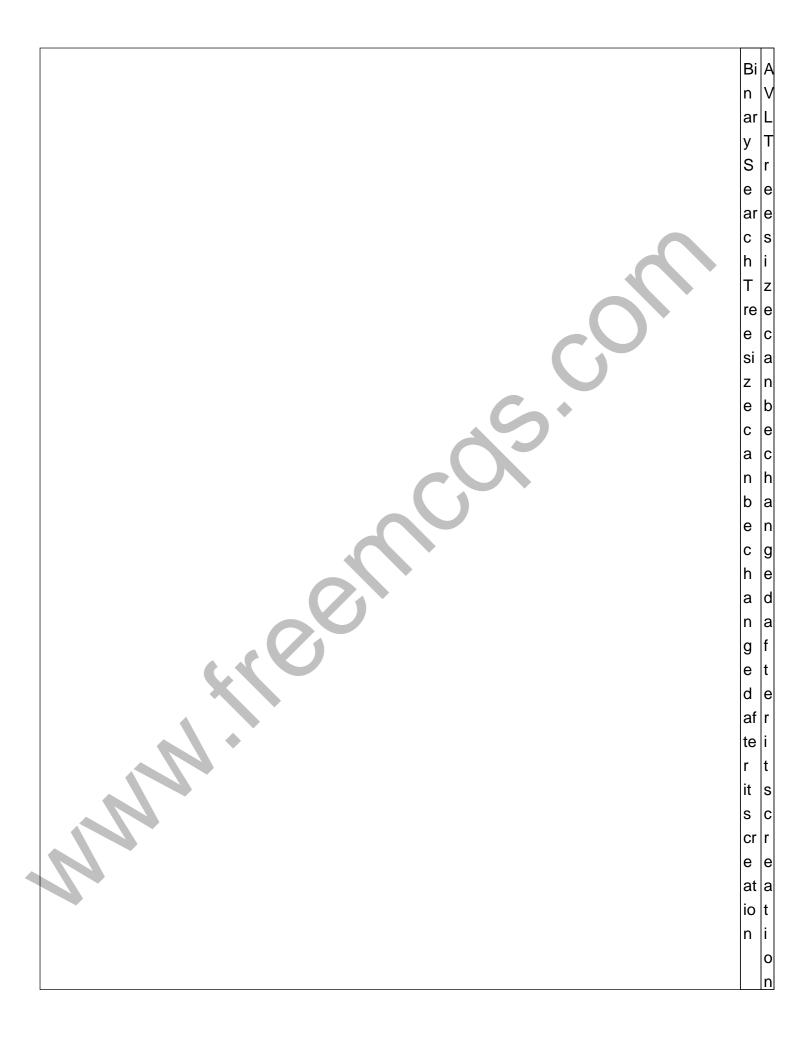


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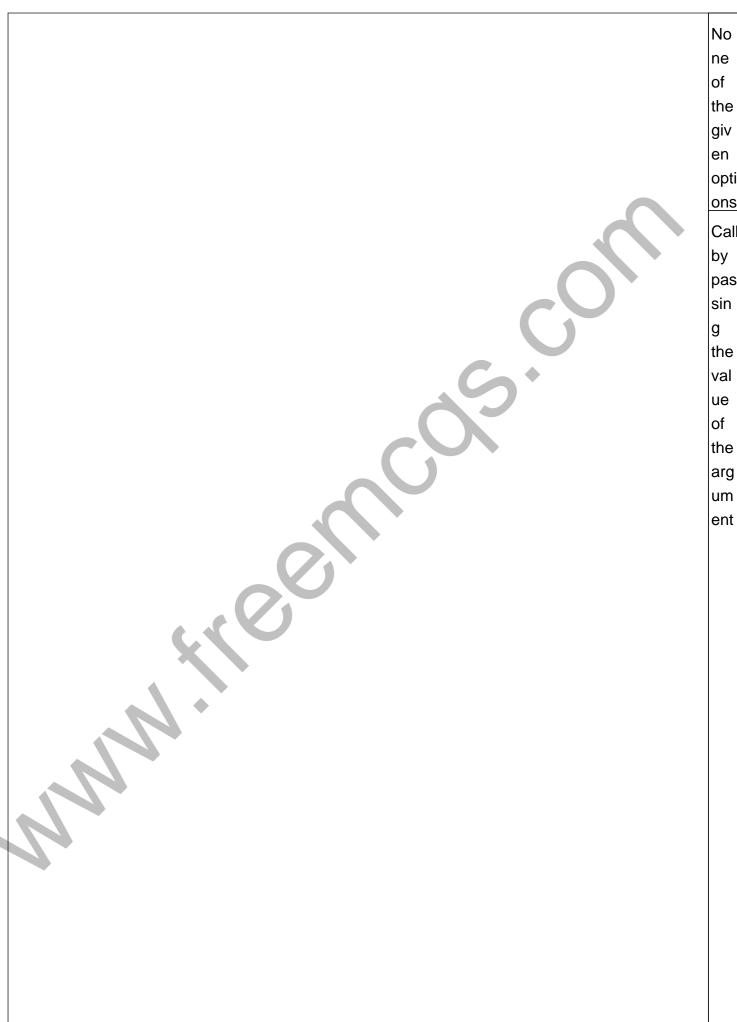


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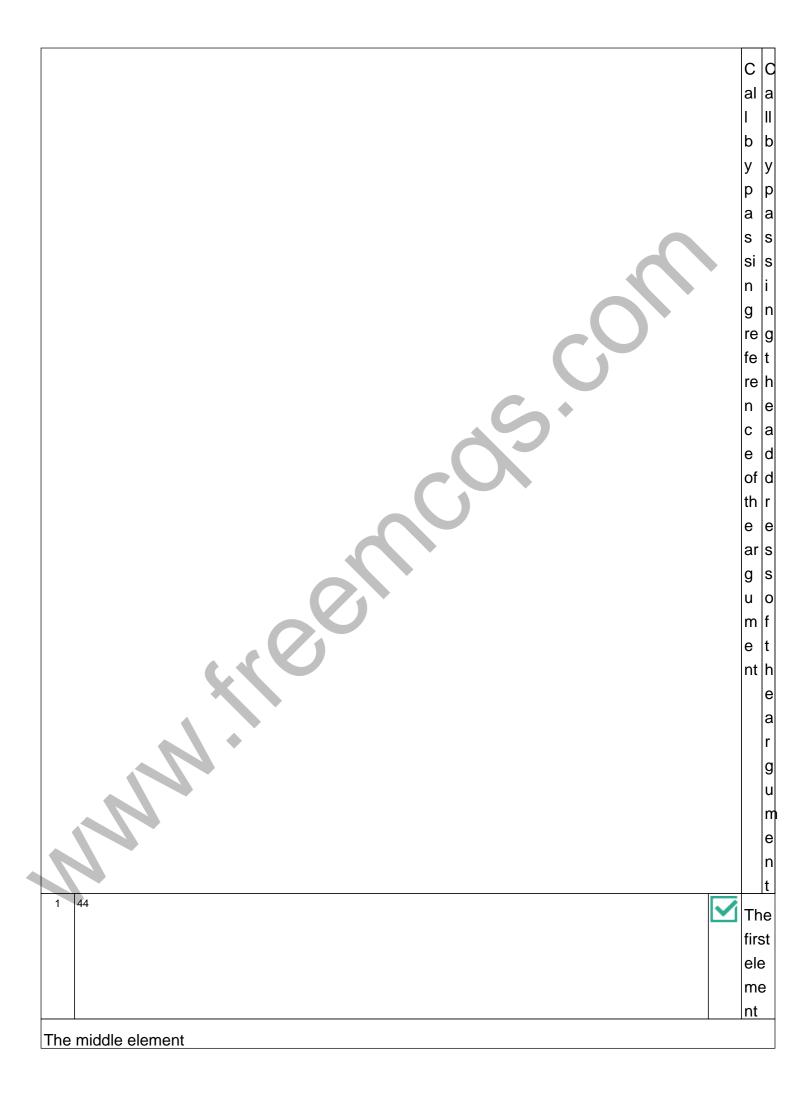


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	In an array we can store data elements of different types.	
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	An array is a group of consecutive related memory locations.	
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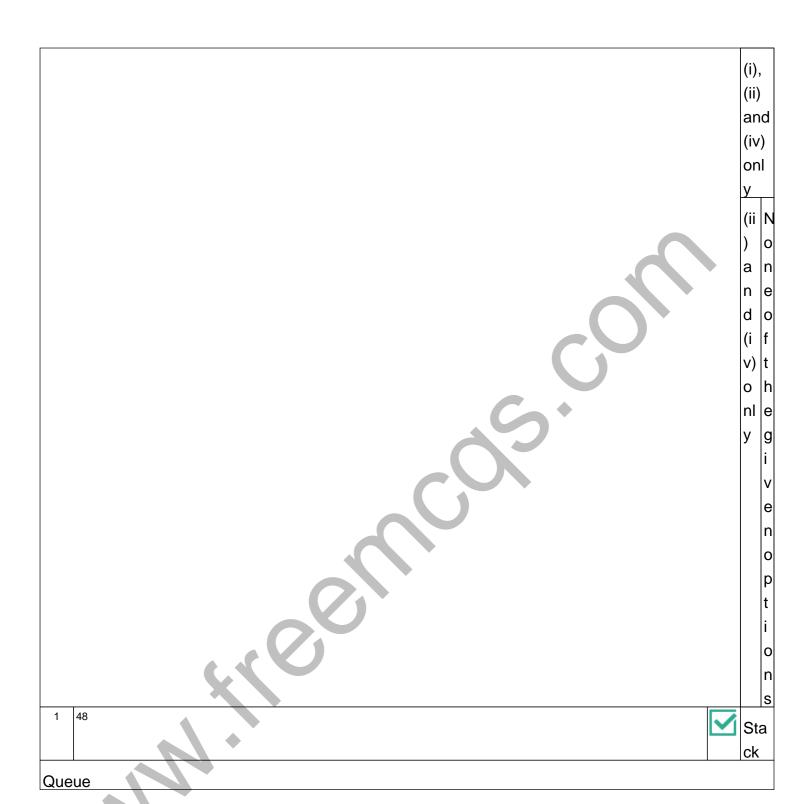
ctur e in whi ch bot end are not use (iii) The last ele me has n't wai unti l all ele me nts pre ced ing on the que ue are rem ove



ue sai d to be last -infirst -out list LIF dat stru ctur Whi ch the abo ve is/a rela ted nor mal

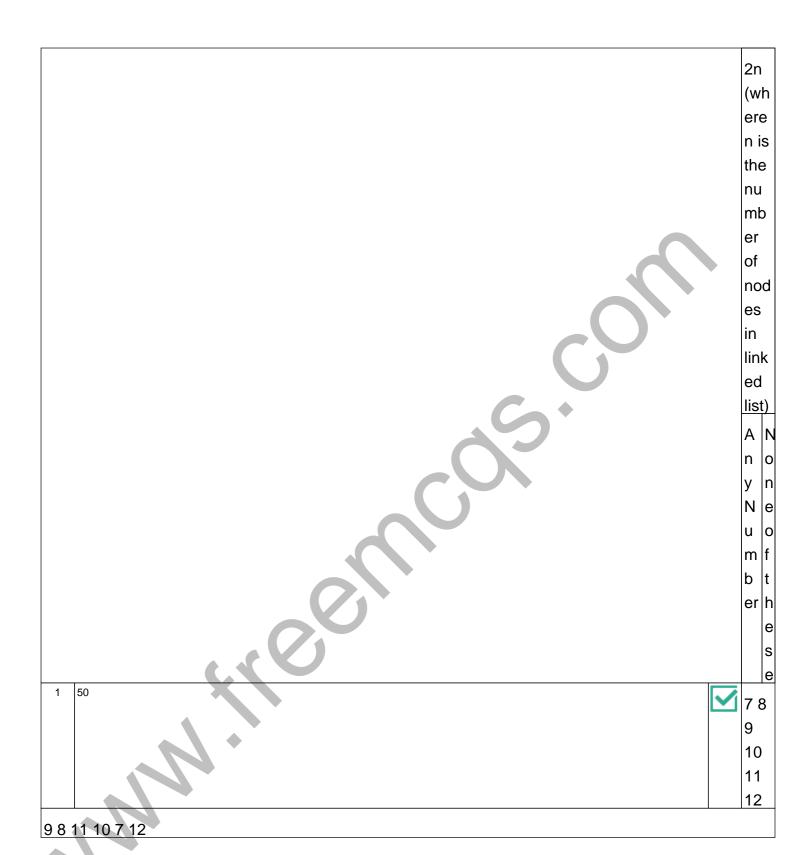
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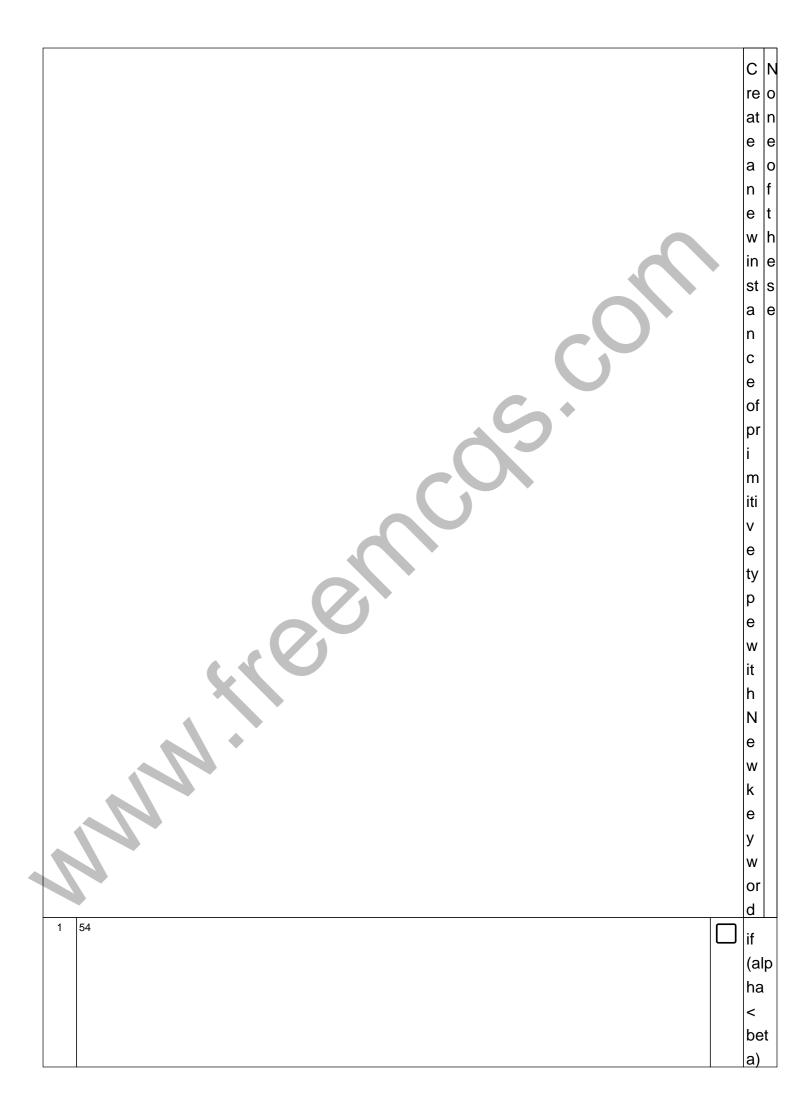


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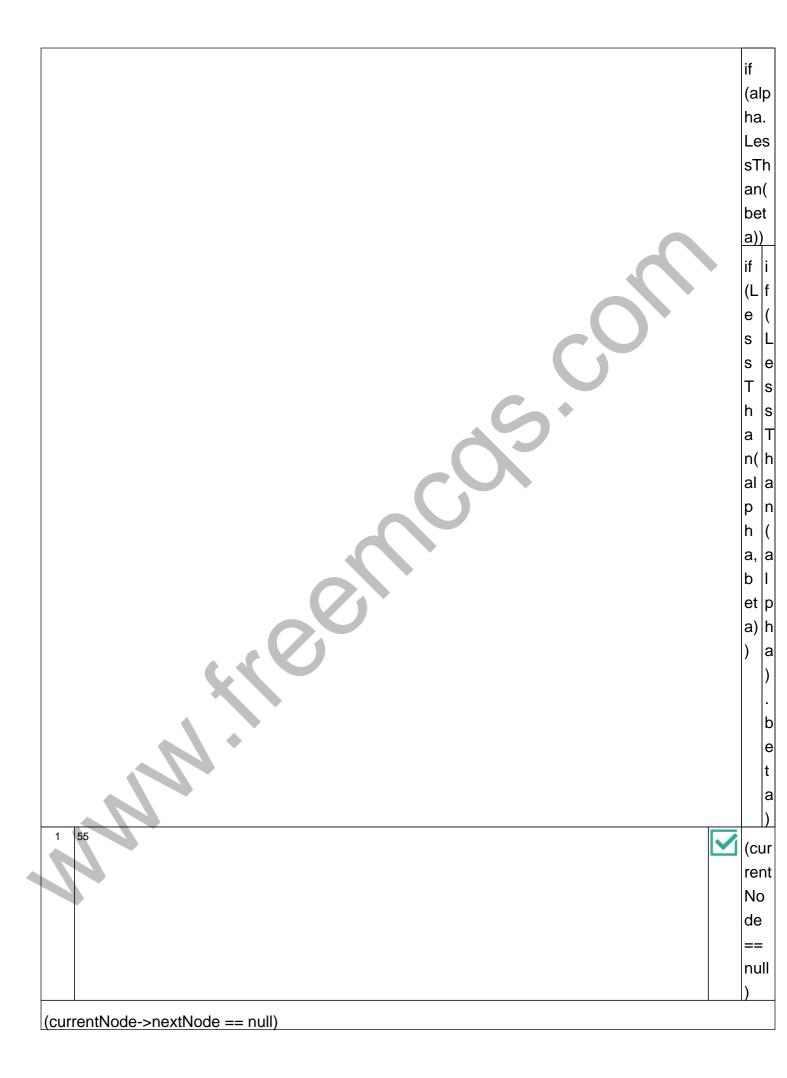


Su ppo se that the cla SS dec lara tion So me Cla SS incl ude the foll owi ng fun ctio prot oty pe. boo Les sTh an( So me Cla SS ano ther



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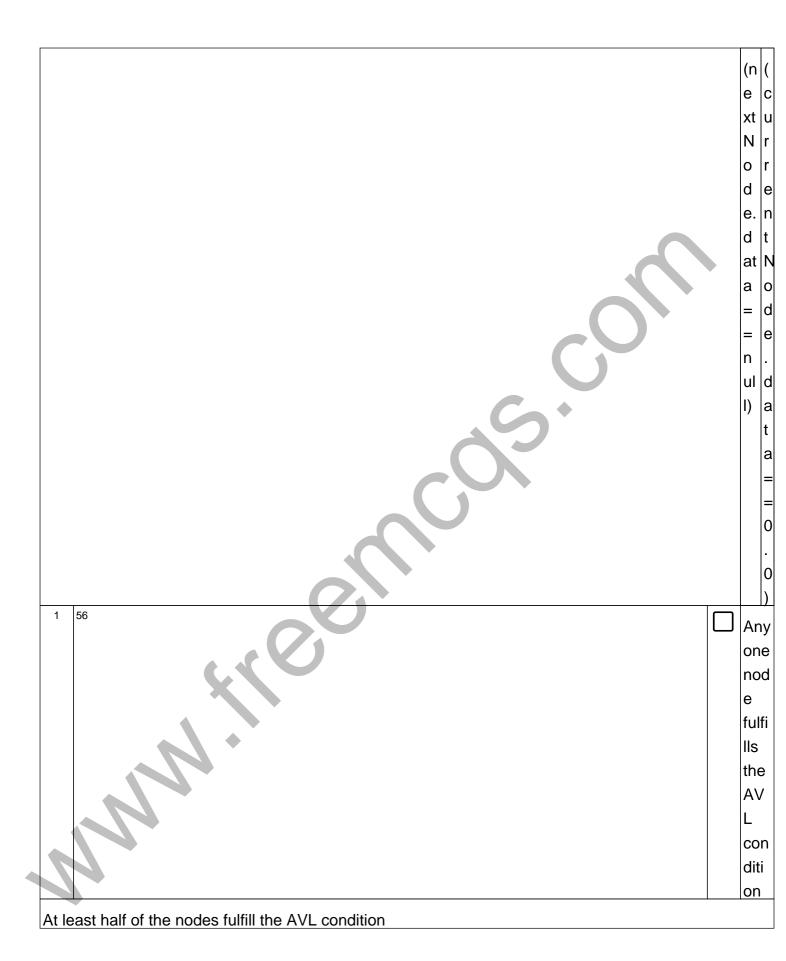


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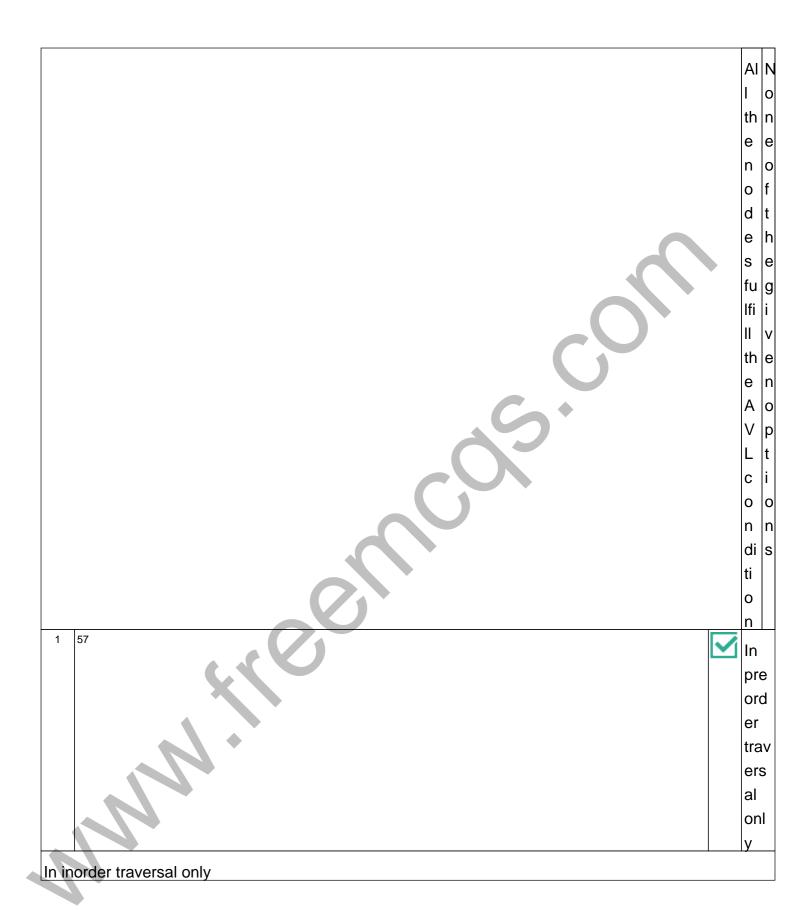
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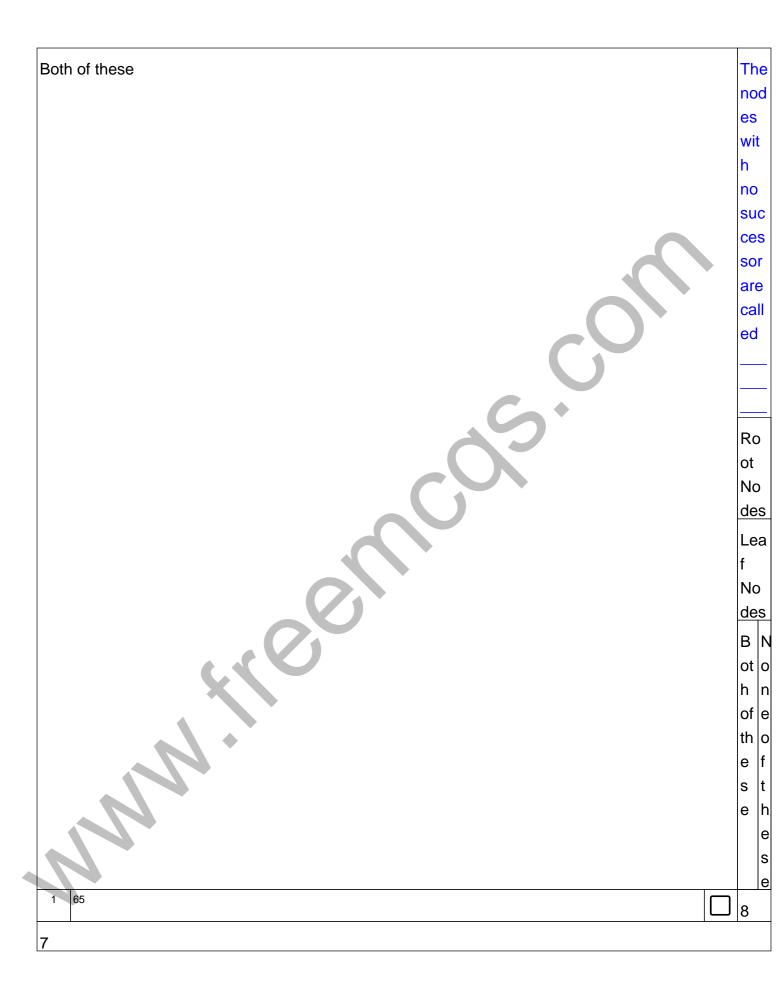


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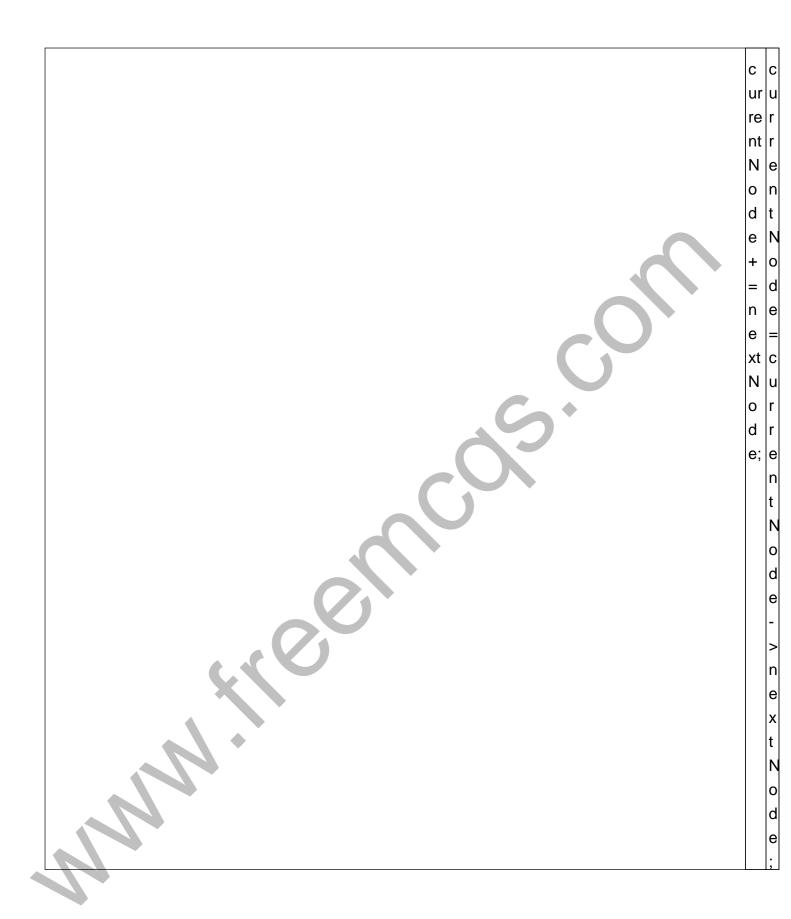




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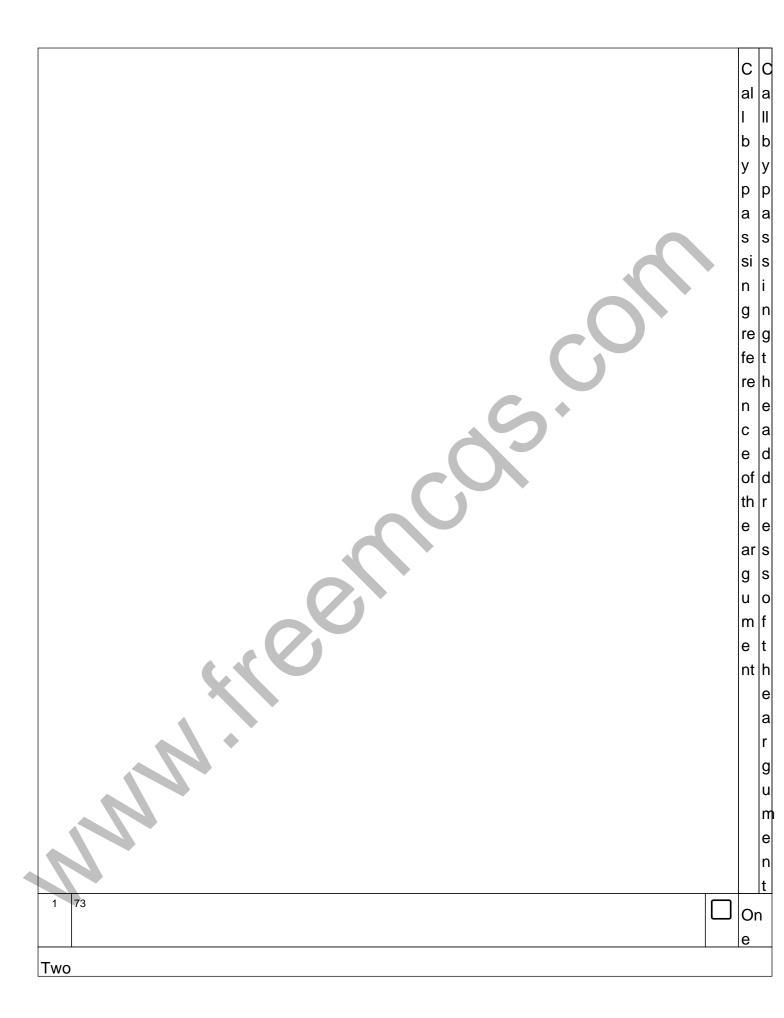
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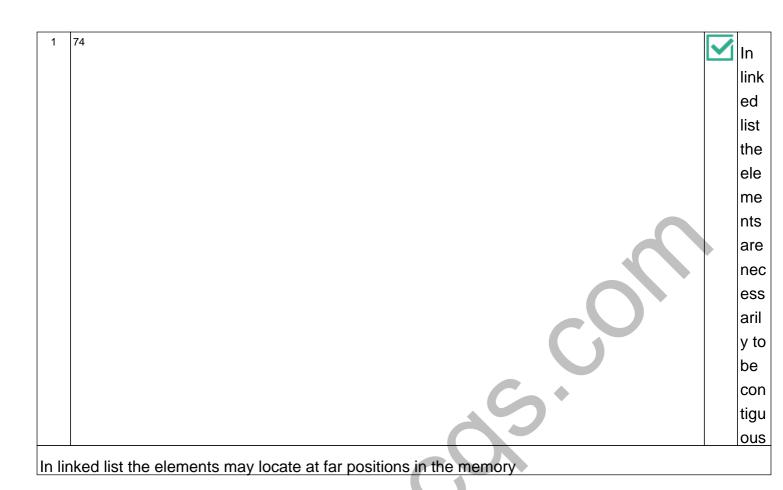




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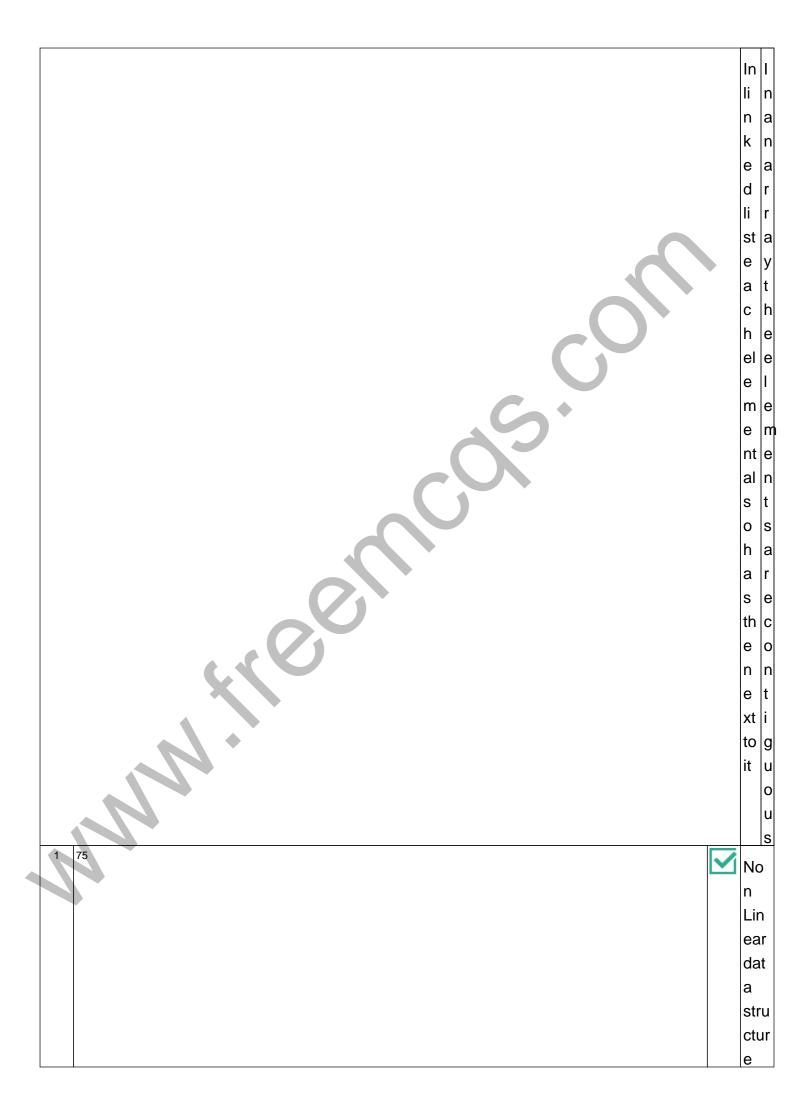


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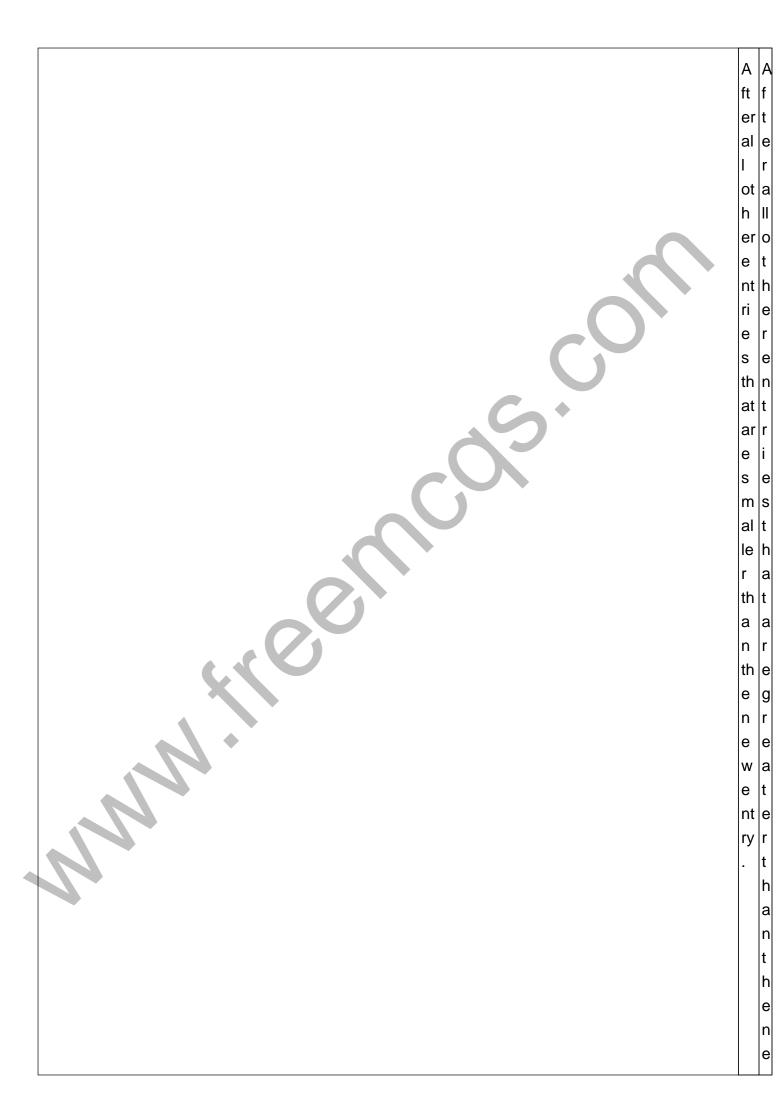


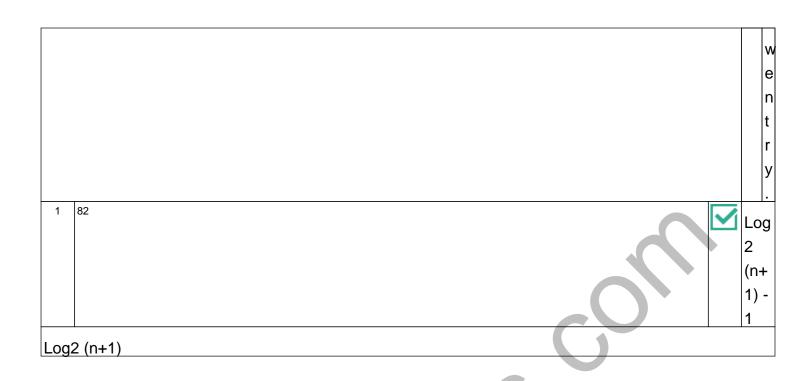
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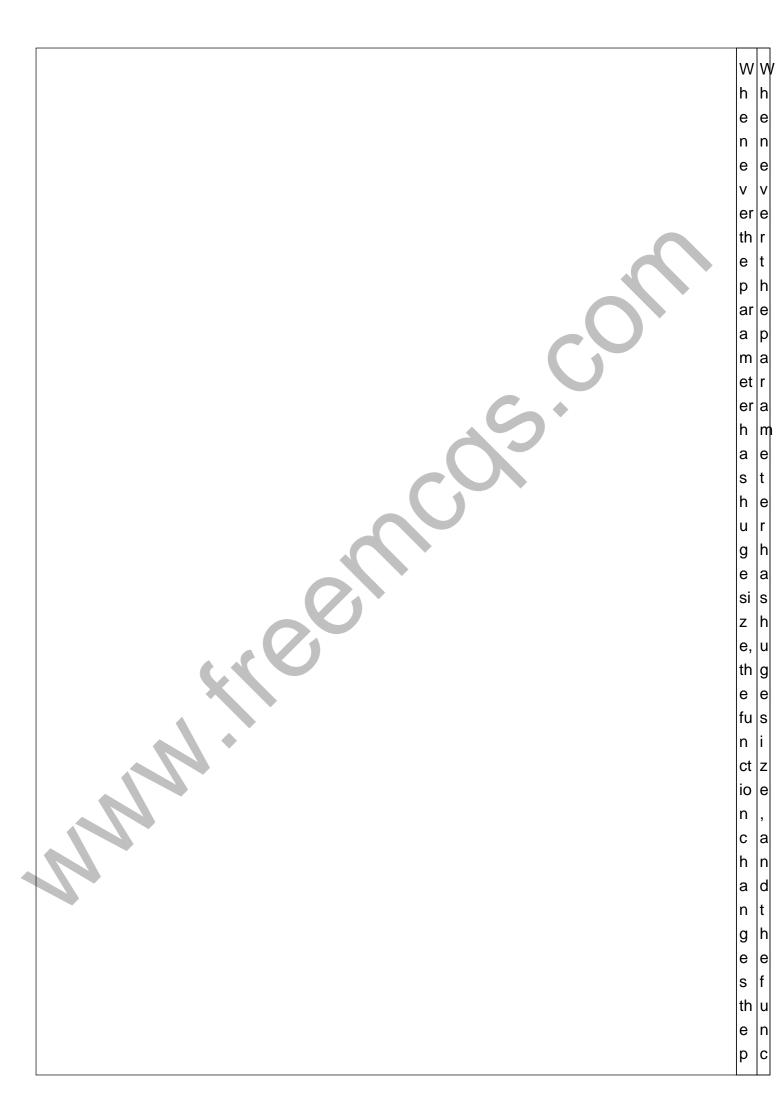
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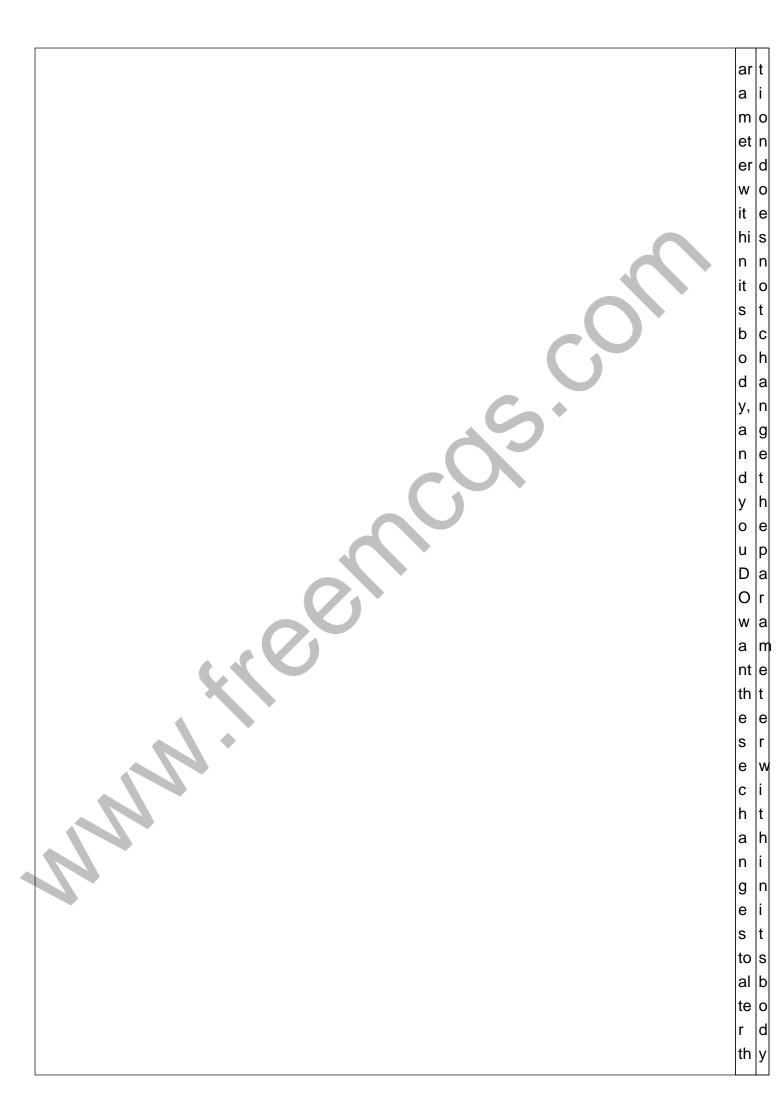


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Non-linear data structure	



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		In the call by value methodology, a copy of the object is passed to the called function.		1
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	88		a = X	
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	A queue where the de-queue operation depends not on third, is called a phonty queue		
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