

3RD WEEKLY TASK- DATA STRUCTURE + PROG. LANG

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This is provide only if you don't want to search topic question. If you found any other link or website better than this than you also go with them no boundation for that links.

DATA STRUCTURE- CIRCULAR & DOUBLY LINKED LIST

<https://www.geeksforgeeks.org/category/linked-list/>

<https://www.geeksforgeeks.org/data-structures/linked-list/>

DAY	TOPIC	LINK
D1	<ol style="list-style-type: none">1. <u>Circular Linked List Introduction and Applications.</u>2. <u>Circular Linked List Traversal</u>3. Split a Circular Linked List into two halves4. sorted insert for circular linked list	<ol style="list-style-type: none">1. https://www.geeksforgeeks.org/circular-linked-list2. https://www.geeksforgeeks.org/circular-linked-list-set-2-traversal/3. https://www.geeksforgeeks.org/split-a-circular-linked-list-into-two-halves/4. https://www.geeksforgeeks.org/sorted-insert-for-circular-linked-list/

D2	<p>5. Check if a linked list is Circular Linked List</p> <p>6.circular Singly Linked List Insertion</p> <p>7. Deletion from a Circular Linked List</p> <p>8. Count nodes in Circular linked list</p>	<p>5. https://www.geeksforgeeks.org/check-if-a-linked-list-is-circular-linked-list/</p> <p>6. https://www.geeksforgeeks.org/circular-singly-linked-list-insertion/</p> <p>7. https://www.geeksforgeeks.org/deletion-circular-linked-list/</p> <p>8. https://www.geeksforgeeks.org/count-nodes-circular-linked-list/</p>
D3	<p>9. Convert singly linked list into circular linked list</p> <p>10. Exchange first and last nodes in Circular Linked List</p> <p>11. Circular Linked List Set 2 (Traversal)</p> <p>12. Circular Linked List Set 1 (Introduction and Applications)</p>	<p>9. https://www.geeksforgeeks.org/convert-singly-linked-list-circular-linked-list/</p> <p>10. https://www.geeksforgeeks.org/exchange-first-last-node-circular-linked-list/</p> <p>11. https://www.geeksforgeeks.org/circular-linked-list-set-2-traversal/</p> <p>12. https://www.geeksforgeeks.org/circular-linked-list/</p>
D4	<p>13. Doubly Linked List Set 1 (Introduction and Insertion)</p> <p>14. Delete a node in a Doubly Linked List</p> <p>15. Doubly Circular Linked List Set 1 (Introduction and Insertion)</p> <p>16. Doubly Circular Linked List Set 2 (Deletion)</p>	<p>13. https://www.geeksforgeeks.org/doubly-linked-list/</p> <p>14. https://www.geeksforgeeks.org/delete-a-node-in-a-doubly-linked-list/</p> <p>15. https://www.geeksforgeeks.org/doubly-circular-linked-list-set-1-introduction-and-insertion/</p> <p>16. https://www.geeksforgeeks.org/doubly-circular-linked-list-set-2-deletion/</p>

D5	<p>17. Reverse a Doubly Linked List</p> <p>18. QuickSort on Doubly Linked List</p> <p>19. Merge Sort for Doubly Linked List</p> <p>20. Find pairs with given sum in doubly linked list</p>	<p>17. https://www.geeksforgeeks.org/reverse-a-doubly-linked-list/</p> <p>18. https://www.geeksforgeeks.org/quicksort-for-linked-list/</p> <p>19. https://www.geeksforgeeks.org/merge-sort-for-doubly-linked-list/</p> <p>20. https://www.geeksforgeeks.org/find-pairs-given-sum-doubly-linked-list/</p>
D6	<p>21. Insert value in sorted way in a sorted doubly linked list</p> <p>22. Reverse a doubly linked list in groups of given size</p> <p>23. Rotate Doubly linked list by N nodes</p> <p>24. Delete a Doubly Linked List node at a given position</p> <p>25. Remove duplicates from a sorted doubly linked list</p> <p>26. Program to find size of Doubly Linked List</p> <p>27. Delete all occurrences of a given key in a doubly linked list</p> <p>28. Remove duplicates from an unsorted doubly linked list</p> <p>29. Sorted insert in a doubly linked list with head and tail pointers</p>	<p>21. https://www.geeksforgeeks.org/insert-value-sorted-way-sorted-doubly-linked-list/</p> <p>22. https://www.geeksforgeeks.org/reverse-doubly-linked-list-groups-given-size/</p> <p>23. https://www.geeksforgeeks.org/rotate-doubly-linked-list-n-nodes/</p> <p>24. https://www.geeksforgeeks.org/delete-doubly-linked-list-node-given-position/</p> <p>25. https://www.geeksforgeeks.org/remove-duplicates-sorted-doubly-linked-list/</p> <p>26. https://www.geeksforgeeks.org/program-find-size-doubly-linked-list/</p> <p>27. https://www.geeksforgeeks.org/delete-occurrences-given-key-doubly-linked-list/</p> <p>28. https://www.geeksforgeeks.org/remove-duplicates-unsorted-doubly-linked-list/</p> <p>29. https://www.geeksforgeeks.org/create-doubly-linked-list-using-double-pointer-inserting-nodes-list-remains-ascending-order/</p>

	30. Swap Kth node from beginning with Kth node from end in a Linked List	30. https://www.geeksforgeeks.org/swap-kth-node-from-beginning-with-kth-node-from-end-in-a-linked-list/
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PROGRAMMING LANGUAGE- JAVA/C++/C/PYTHON.... (CHOOSE ANY 1)

TOPIC	LINKS
1.ARRAYS	https://www.youtube.com/watch?v=l_aJgAmDYPk&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0&index=8
2.TYPES OF VARIABLES	https://www.youtube.com/watch?v=CQMaVTO0Cfk&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0&index=11
3.VAR-ARG METHODS	https://www.youtube.com/watch?v=sjsq5UL5oFs&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0&index=12
4.MAIN() METHOD PART	https://www.youtube.com/watch?v=l3s_6gbNFTg&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0&index=14
5.COMM AND LINE ARGUMENTS	https://www.youtube.com/watch?v=w9BrD4eanxQ&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0&index=15
6.JAVA CODING STANDARDS	https://www.youtube.com/watch?v=-w4QphWnlZo&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0&index=16