2ⁿᵈ Weekly Task- Data Structure + Prog. Lang

2ⁿᵈ contest created by bharat patidar *& Manisha kumbhkar*

This is provide only for 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- Singly Linked List

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

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

DAY	TOPIC	LINK
D1	**1.** Linked List | Set 1 (Introduction) 2.Linked List vs Array 3. Linked List | Set 2 (Inserting a node) 4. Linked List | Set 3 (Deleting a node)	https://www.geeksforgeeks.org/linked-list-set-1-introduction/ **2.** https://www.geeksforgeeks.org/linked-list-vs-array/ **3.** https://www.geeksforgeeks.org/linked-list-set-2-inserting-a-node/ **4.** https://www.geeksforgeeks.org/linked-list-set-3-deleting-node/
D2	**5.** Delete a Linked List node at a given position 6.Write a function to delete a Linked List	5.https://www.geeksforgeeks.org/delete-a-linked-list-node-at-a-given-position/ **6.** https://www.geeksforgeeks.org/write-a-function-to-delete-a-linked-list/

	7. Find Length of a Linked List (Iterative and Recursive) 8. Search an element in a Linked List (Iterative and Recursive)	7. https://www.geeksforgeeks.org/find-length-of-a-linked-list-iterative-and-recursive/ 8.https://www.geeksforgeeks.org/search-an-element-in-a-linked-list-iterative-and-recursive/
D3	9. Write a function to get Nth node in a Linked List 10. Program for n'th node from the end of a Linked List 11. Find the middle of a given linked list in C and Java 12. Write a function that counts the number of times a given int occurs in a Linked List	9.https://www.geeksforgeeks.org/write-a-function-to-get-nth-node-in-a-linked-list/ 10. https://www.geeksforgeeks.org/nth-node-from-the-end-of-a-linked-list/ 11. https://www.geeksforgeeks.org/write-a-c-function-to-print-the-middle-of-the-linked-list/ 12. https://www.geeksforgeeks.org/write-a-function-that-counts-the-number-of-times-a-given-int-occurs-in-a-linked-list/
D4	13. Detect loop in a linked list 14. Find length of loop in linked list 15. Function to check if a singly linked list is palindrome 16. Remove duplicates from a sorted linked list	13. https://www.geeksforgeeks.org/detect-loop-in-a-linked-list/ 14. https://www.geeksforgeeks.org/find-length-of-loop-in-linked-list/ 15. https://www.geeksforgeeks.org/function-to-check-if-a-singly-linked-list-is-palindrome/ 16. https://www.geeksforgeeks.org/remove-duplicates-from-a-sorted-linked-list/

D5	**17.** Remove duplicates from an unsorted linked list 18. Swap nodes in a linked list without swapping data 19. Pairwise swap elements of a given linked list 20. Move last element to front of a given Linked List	17. https://www.geeksforgeeks.org/remove-duplicates-from-an-unsorted-linked-list/ 18. https://www.geeksforgeeks.org/swap-nodes-in-a-linked-list-without-swapping-data/ 19. https://www.geeksforgeeks.org/pairwise-swap-elements-of-a-given-linked-list/ 20. https://www.geeksforgeeks.org/move-last-element-to-front-of-a-given-linked-list/
D6	**21.** Intersection of two Sorted Linked Lists 22. Write a function to get the intersection point of two Linked Lists 23. QuickSort on Singly Linked List 24. Segregate even and odd nodes in a Linked List 25. Reverse a linked list	21. https://www.geeksforgeeks.org/intersection-of-two-sorted-linked-lists/ 22. https://www.geeksforgeeks.org/write-a-function-to-get-the-intersection-point-of-two-linked-lists/ 23. https://www.geeksforgeeks.org/quicksort-on-singly-linked-list/ 24. https://www.geeksforgeeks.org/segregate-even-and-odd-elements-in-a-linked-list/ 25. https://www.geeksforgeeks.org/reverse-a-linked-list/

D7	CONTEST-3hrs Recent Articles on Linked List	CREATED BY- BHARAT PATIDAR & Manisha kumbhkar https://www.geeksforgeeks.org/category/linked-list/
MIN TIME REQUIRD	3-4 HRS /-day 30+hrs required in a week	Practice is most imp for dsa

PROGRAMMING LANGUAGE- JAVA/C++/C/PYTHON…. (CHOOSE ANY 1)

day	Topic	link
D1	JAVA IDENTIFIERS	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0
D2	DATA TYPES	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0
D3	LITERALS	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0
D4	LITERALS	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0
D5	ARRAYS	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0
D6	ARRAYS	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0
D7	ARRAYS	https://www.youtube.com/watch?v=eTXd89t8ngI&list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0

MIN time required -10hrs in a week