

Important Questions on Linked list

1. Explain linked list and its structure?
2. List various operations performed on Linked list.
3. Explain what does it mean by self-referential structure? Explain its need?
4. Difference between Array and Linklist
5. List types of Linked List.
6. List real time applications of Linked List.
7. Mention some drawbacks of the linked list.
8. List some advantages of Linked List
9. Which data structures can we implement using linked list?
10. How can we implement stack and queue using linked list?
11. How to write a program to create heterogeneous linked list?
12. Mention a package that is used for Linked List class in Java.
13. Mention some interfaces implemented by Linked List in Java.
14. How will you partition linked list
15. How to write a program to reverse linked list?
16. How can we reverse linked list using single pointer? Write a program
17. How to detect whether linked list is linear or circular?

***Programs* (Also applicable to other types of Linkedlist)**

1)WAP to implement Single Linked List and perform following operations on it:

a)Creation of Linked list

b)Traversing and displaying Linked list

c)Insert a node at begin, end, between of a linked list

d>Delete a node at begin, end, between of a linked list

e)Count number of nodes in Linked list

f)Merge two Linked List and create one Linked list

g)Search a node with a particular value in a Linked List

h)Display Linked list in reverse form