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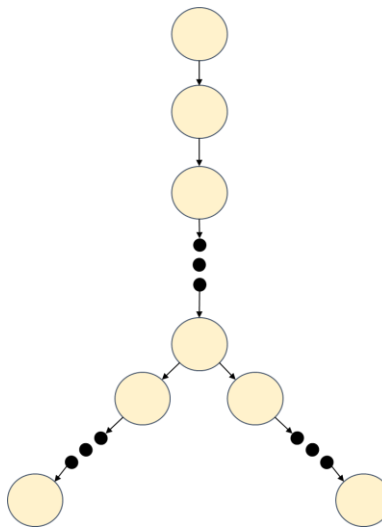

Assignment-3 on Singly Linked List

1. Write a program to implement a singly linked list of the following form, consisting minimum of 15 nodes:

You may define your own node structure. The program should work for all the test conditions and must contain the following methods (but not limited to):

insert();   (at any positions)

delete();   (at any positions)

search();   (at any positions)

(the .c/.cpp file and output screenshots)

2. Explain the (worst case) time complexity for all the operations (*insert(), delete(), search()*) (hand written)

(10 + 10)