

### Assignment on Linked Lists:

- (a) Consider student name and student ID as a "node" to be inserted into a linked list. Consider Student ID as the unique key. Write a program to delete a node, one behind the node with the given Student ID as the key, in a singly linked list.
- (b) Write a program to do the same in (a) with double linked list.
- (c) Explain/Compare the ease of implementation, algorithm complexity in both cases
- (d) Assume reasonably if some data is missing