

Data structures assignment – lecture

Given a doubly linked list, write a java program that contain the following methods:

a. Void reverse_list()

That reverses the elements in a list in place without using any extra data structure. You can use only one extra temporary variable in each method if needed.

b. Void Sorts_list()

That sorts the elements in the list using insertion sort. You can use only one extra temporary variable in each method if needed.

Notes:

- You can add any methods you need to your program.