The company sells many kinds of games through their online platform. Customers place orders online to buy game/s. The gaming company will search for the specific game upon customers request in the order of first come first served basis. The gaming company has the following requirements. (10marks)

- There are many kinds of games available (at least five).
- The customers' orders are organised in a Queue as a first come first served basis
- The gaming company should be able to retrieve the data of the last sold games.

Your program should consist of a linked list with the following features

- a.) Insertion at the head
- b.) Insertion at the tail
- c.) Deletion from the head
- d.) Deletion form the tail
- e.) Deleting specific element from the list

The next part should be implementing a Stack inherited from the above linked list with the following features

- a.) Pop
- b.) Push
- c.) Top

The next part should be implementing a Queue inherited from the above linked list with the following features

- a.) Enqueue
- b.) Dequeue
- c.) Top

The program flow is as follows:

The games should be saved in a linked list. The list of games ordered by customers should be saved in a queue. You should take the order from the beginning of the queue and search for it in the linked list then delete it and put this game name in a stack to be able to retrieve in the last sold game.

Sample screenshots of the output follows:

```
What would you like to do?

    Display the current stock (linked-list)

(2) - Add a game to stock (linked-list)
(3) - Display next order info
(4) - Display all orders
(5) - Add order to que
(6) - Process the next order
(7) - Revers last order
(8) - Display info of last order
(9) - Quit Program
Game Name: Final Fantasy
Game Name: Forza Horizon
Same Name: Flight Simulator
Game Name: God of War
Game Name: Gears of War
Game Name: Guitar Hero
Game Name: Halo
Game Name: Metal Gear Solid
Game Name: Minecraft
Game Name: Sonic Mania
Game Name: Skyrim
Game Name: Tekken
Game Name: World of Warcraft
What would you like to do?

    Display the current stock (linked-list)

(2) - Add a game to stock (linked-list)
(3) - Display next order info
(4) - Display all orders
(5) - Add order to que
(6) - Process the next order
(7) - Revers last order
(8) - Display info of last order
 9) - Quit Program
The next order is for: Andrew
The game they ordered is: Minecraft
What would you like to do?
Display the current stock (linked-list)
(2) - Add a game to stock (linked-list)
(3) - Display next order info
(4) - Display all orders
(5) - Add order to que
(6) - Process the next order
(7) - Revers last order
(8) - Display info of last order
(9) - Quit Program
```

```
(6) - Process the next order
(7) - Revers last order
(8) - Display info of last order
(9) - Quit Program
The last order was for: Steven
They ordered: Sonic Mania
what would you like to do?
what would you like to do?

(1) - Display the current stock (linked-list)

(2) - Add a game to stock (linked-list)

(3) - Display next order info

(4) - Display all orders

(5) - Add order to que

(6) - Process the next order

(7) - Revers last order

(8) - Display info of last order
(9) - Quit Program
Order Nu.:1 is for: Nathan
They ordered:
                               Tekken
Order Nu.:2 is for: Manjil
They ordered: World of Warcraft
What would you like to do?
(1) - Display the current stock (linked-list)(2) - Add a game to stock (linked-list)
(3) - Display next order info
(4) - Display all orders
(5) - Add order to que
(6) - Process the next order
(7) - Revers last order
(8) - Display info of last order
(9) - Quit Program
Game Name: Final Fantasy
Game Name: Forza Horizon
Game Name: Flight Simulator
Game Name: God of War
Game Name: Gears of War
Game Name: Guitar Hero
Game Name: Halo
Game Name: Metal Gear Solid
Game Name: Skyrim
Game Name: Tekken
Game Name: World of Warcraft
What would you like to do?

    Display the current stock (linked-list)
```