1. Design and implement in Python a linked list in which each node represents a flight stop in a route to a destination. The data in each node is the airport code (an integer number). The airline can add or delete intermediate flight stops. It can also calculate and display the number of stops from the starting airport to the destination airport.

2. Develop a Python program that defines an array of $N$ linked lists. This can be used if the linked list is used to implement a priority queue with $N$ different priorities. A node will have an additional component, which is the priority defined by an integer variable. Apply this to a program similar to the one above.