**Lab7 - Hashing**

Lab6  
Purpose:  Use Hashing Techniques  
Create a ADT to handle the data in the Customer.csv data file: (last,first,id)  
    perez,diana,86824983-3587182    
    oxford,greg,49451687-6884854    
    smith,tsung,34722447-9802850    
Place each ADT data object into a Hashing structure using a custom hashing function.

Demonstrate you can hash the name data as key and id as value, and vice versa.

One of the Keys or Values to the hash structure is required to be an ADT type.  This will require overloading appropriate operators (in C++) to support the < operator.

Write a hashing function that produces (ideally) a maximum of 5% collisions.  Also, ideally, your space usage should be around 75% of the container.