Assignment 8 - Skip Lists

Develop software to implement a dictionary using a skip list. Identify the output of pseudo random number generator that was used (true or false). Test <u>all</u> dictionary methods (put, find, erase, empty, size).

After inputting the data
- Output each level of the skip list
- Output the dictionary keys and values

Use the following data to test your dictionary (same data as Assignment 7).

<u>Use the following input:</u>
18 San Clemente
41 Mission Viejo
22 Laguna Niguel
44 Irvine
Delete key 18
58 Lake Forest
32 San Diego
49 Anaheim
Delete key 58
31 Los Angeles
17 Orange
72 Palms Springs
41 Riverside
Delete key 49
19 Brea
60 Santa Ana
35 Tustin
103 Oceanside
11 La Jolla

18 Del Mar

22 Aliso Viejo

49 Laguna Beach

Delete key 41

42 Vista

49 San Diego

99 San Juan

29 Dana Point

88 El Segundo

41 San Clemente

62 Laguna Hills

Due March 25th.