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 all dictionary methods.

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.

18 Laguna Niguel

41 Mission Viejo

22 San Clemente

44 Irvine

Delete key 41

Delete key 42

58 Lake Forest

32 San Diego

49 Anaheim

Delete key 58

31 Los Angeles

17 Orange

72 Palms Springs

41 Riverside

Delete key 72

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 14th.