**Skip-List in Q-2**

**İnsert 10000:** 88, 59, 54, 67, 77, 106, 91, 80, 64, 62

**İnsert 20000:** 388, 420, 207, 338, 327, 350, 273, 255, 251, 257

**İnsert 40000:** 1895, 1037, 1357, 1195, 1209, 1202, 1162, 1212, 1215, 1199

**İnsert 80000:** 4464, 4132, 5306, 3407, 5576, 3620, 6066, 6026, 4318, 5910

**Remove 10000:** 1, 1, 1, 1, 0, 0, 0, 0, 1, 2

**Remove 20000:** 5, 1, 1, 1, 1, 1, 0, 0, 0, 0

**Remove 40000:** 7, 1, 1, 1, 1, 0, 1, 1, 1, 0

**Remove 80000:** 3, 1, 3, 0, 2, 3, 1, 2, 1, 1

**Skip-List in Book**

**İnsert 10000:** 16, 8, 12, 9, 10, 9, 9, 7, 7, 11

**İnsert 20000:** 29, 21, 25, 22, 19, 16, 16, 14, 10, 13

**İnsert 40000:** 88, 67, 62, 176, 73, 46, 63, 107, 84, 73

**İnsert 80000:** 159, 142, 115, 180, 111, 113, 92, 112, 120, 108

**Remove 10000:** 2, 0, 0, 2, 0, 0, 1, 0, 0, 0

**Remove 20000:** 6, 0, 2, 1, 2, 1, 0, 1, 1, 0

**Remove 40000:** 5, 1, 2, 2, 1, 1, 0, 0, 1, 1

**Remove 80000:** 3, 2, 2, 1, 2, 0, 1, 2, 1, 1

**Skip-List in Java**

**İnsert 10000:** 32, 20, 9, 40, 6, 4, 7, 15, 12, 10

**İnsert 20000:** 57, 57, 19, 23, 17, 25, 12, 17, 19, 17

**İnsert 40000:** 83, 53, 40, 35, 40, 50, 34, 33, 61, 66

**İnsert 80000:** 196, 114, 145, 107, 92, 115, 73, 65, 73, 87

**Remove 10000:** 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

**Remove 20000:** 1, 0, 0, 0, 0, 0, 1, 0, 0, 0

**Remove 40000:** 1, 1, 1, 0, 0, 0, 0, 0, 0, 0

**Remove 80000:** 0, 1, 1, 1, 1, 0, 0, 0, 0, 0

**Red Black tree implementation in java**

**İnsert 10000:** 13, 14, 7, 11, 8, 11, 10, 7, 6, 7

**İnsert 20000:** 25, 39, 25, 20, 37, 19, 18, 10, 9, 8

**İnsert 40000:** 38, 39, 31, 33, 40, 29, 19, 17, 10, 14

**İnsert 80000:** 101, 85, 89, 49, 108, 42, 42, 48, 50, 39

**Remove 10000:** 0, 1, 0, 0, 0, 0, 0, 0, 0, 0

**Remove 20000:** 0, 0, 0, 0, 1, 0, 0, 0, 0, 0

**Remove 40000:** 1, 1, 0, 0, 0, 0, 1, 0, 0, 0

**Remove 80000:** 1, 0, 0, 0, 0, 0, 0, 0, 0, 0

**Red Black tree implementation in the Book**

**İnsert 10000:** 16, 7, 5, 5, 5, 3, 6, 4, 3, 3

**İnsert 20000:** 35, 11, 8, 14, 22, 13, 9, 9, 7, 6

**İnsert 40000:** 66, 30, 29, 28, 23, 24, 22, 19, 16, 21

**İnsert 80000:** 109, 70, 57, 64, 72, 55, 50, 55, 47, 42

**Remove 10000:** 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

**Remove 20000:** 0, 0, 0, 0, 1, 0, 0, 0, 0, 0

**Remove 40000:** 0, 1, 0, 0, 0, 0, 0, 0, 0, 0

**Remove 80000:** 0, 0, 0, 0, 0, 0, 0, 0, 1, 0

**Binary Search Tree implementation in the Book**

**İnsert 10000:** 13, 5, 4, 4, 3, 4, 4, 3, 2, 3

**İnsert 20000:** 22, 7, 7, 7, 9, 10, 6, 8, 7, 6

**İnsert 40000:** 34, 19, 19, 15, 22, 14, 16, 20, 14, 11

**İnsert 80000:** 66, 58, 40, 51, 42, 39, 47, 63, 44, 53

**Remove 10000:** 0, 0, 1, 0, 0, 0, 0, 0, 0, 0

**Remove 20000:** 1, 0, 0, 0, 0, 0, 0, 0, 1, 1

**Remove 40000:** 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

**Remove 80000:** 0, 0, 0, 0, 1, 0, 0, 0, 0, 0

**B-Tree implementation in the Book**

**İnsert 10000:** 17, 8 ,12, 9, 6, 12, 7, 9, 11, 10

**İnsert 20000:** 27, 17, 12, 14, 16, 10, 9, 13, 17, 16

**İnsert 40000:** 46, 29, 31, 56, 32, 39, 41, 26, 34, 31

**İnsert 80000:** 96, 78, 60, 71, 62, 99, 102, 73, 64, 83

**Remove 10000:** 0, 0, 1, 0, 0, 0, 0, 0, 0, 0

**Remove 20000:** 1, 0, 0, 0, 0, 0, 0, 0, 0, 0

**Remove 40000:** 0, 0, 0, 0, 0, 0, 1, 0, 1, 0

**Remove 80000:** 2, 0, 1, 0, 1, 0, 1, 0, 0, 0