Linear Probing

index	Element
0	68 H(68) = 0
1	55 H(55) = 1
2	74 H(74) = 2
3	39 H(39) = 1 (o) + 1(o) + 1 = 3
4	64 H(64) = 4
5	72 H(72) = 4 (o) + 1 = 5
6	30 H(30) = 6
7	41 H(41) = 7

Quadratic Probing

index	Element
0	16 H(16) = 0
1	19 H(19) = 1
2	14 H(14) = 2
3	23 H(23) = 5 (o) + 1 (o) + 4 (o) + 9 % 8

	= 3
4	13 H(13) = 7 (o) + 1 (o) + 4 % 8 = 4
5	24 H(24) = 0 (o) + 1 (o) + 4 % 8 = 5
6	26 H(26) = 6
7	29 H(29) = 7

Double Hashing

index	Element
0	80 H1(80) = 0
1	49 H1(49) = 1
2	14 H1(14) = 6 (o) H2(14) = 4 H(14) = 10%8 = 2
3	53 H1(53) = 5 (o) H2(53) = 3(o) *2 H(53) 11%8 = 3
4	50 H1(50) = 2 (o) H2(50) = 2 H(50) = 4
5	23 H1(23) = 7 (o) H2(23) = 7(o) *2 = 14

	H(23) = 21%8 = 5
6	22 H1(22) = 6
7	39 H1(39) = 7

Cuckoo Hashing

Index	Table 1	Table 2
0	23 H1(23) = 0 Bump 9	24 H1(24) = 3 Bumped by 87 H2(24) = 0
1		
2	47 H1(47) = 2	
3	87 H1(87) = 3 Bumps 24	
4	15 H1(15) = 4	9 H1(9) = 0 Bumped by 23 H2(9) = 4
5	20 H1(20) = 5	12 H1(12) = 2 Bumped by 47 H2(12) = 5
6		