

Linear Hashing

Example 1:

Bucket size = 2

Load factor = 0.7

Initial Hash table size = 4

Values inserted: 0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

Hash table Output at the end of the insertion:

← → ↻ ⓘ 127.0.0.1:5000/LH ☆

[0, 16] || [1] || [2] || [3] || [4] || [5, 13] || [6, 14] || [7, 15] || [8] || [9] || [10] || [11] || [12] ||

Example 2:

Bucket size = 2

Load factor = 0.7

Initial Hash table size = 4

Values Inserted: 0,8,16,24,32,40,48,56,64,72,80,88,96,104,112,120

Hash table Output at the end of the insertion:

[illegible]

Extendible Hashing

Bucket size = 2

Inserting values 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

