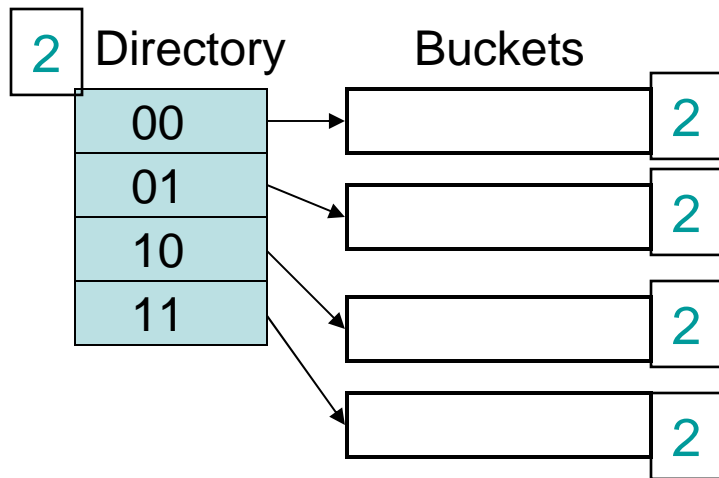
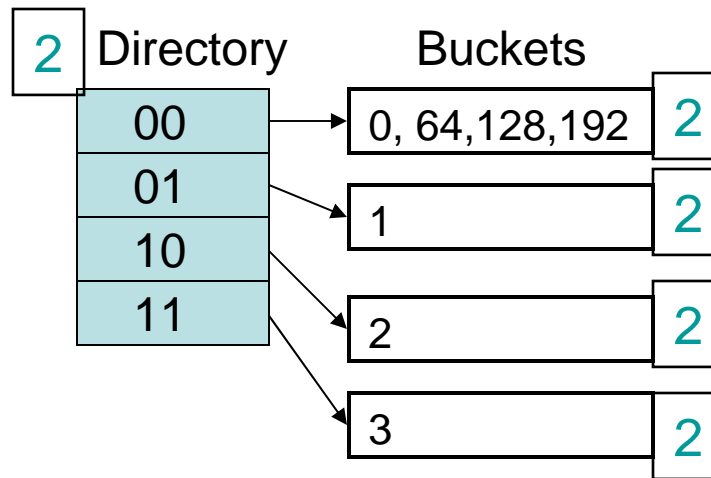


# COS 425 Fall 06, PS5 Problem 5 solutions : Extendible hashing

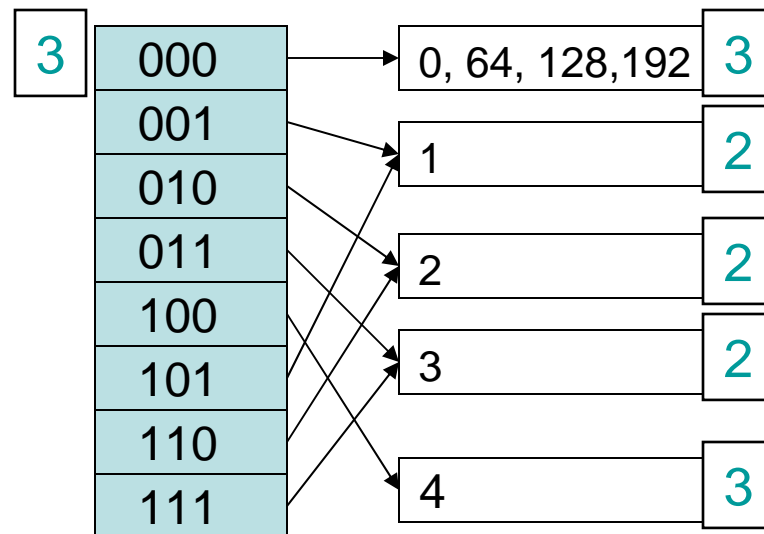
Initial:



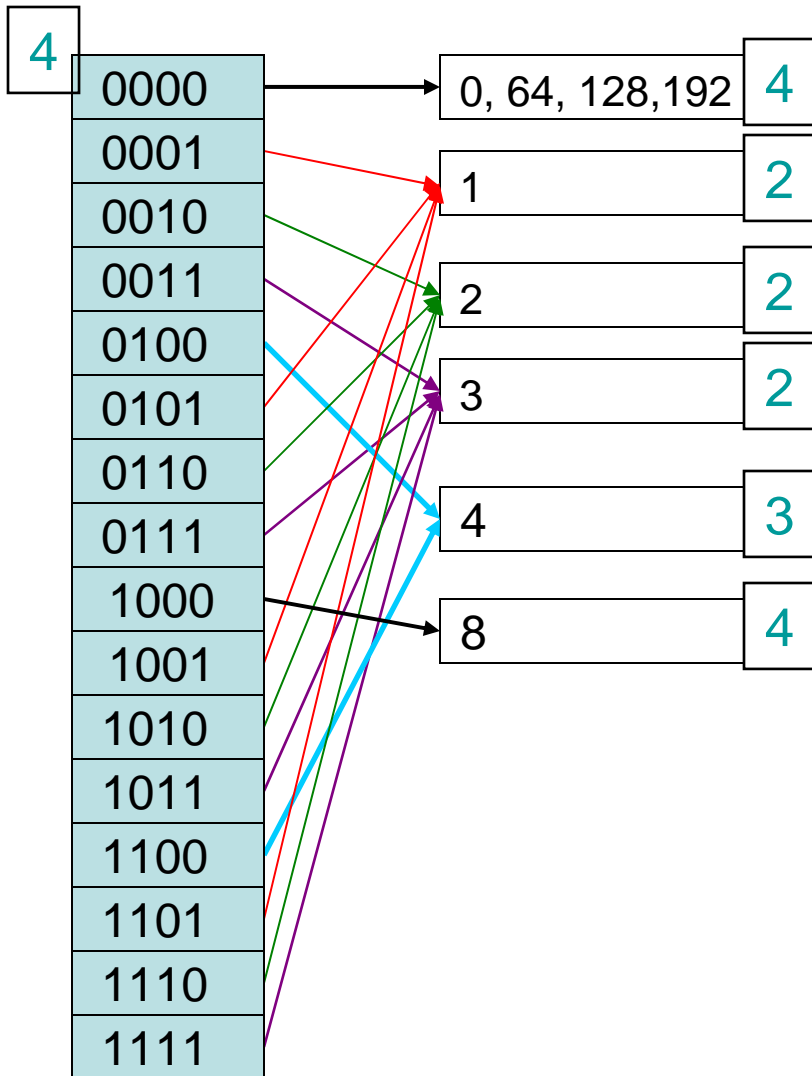
Just before first directory change:



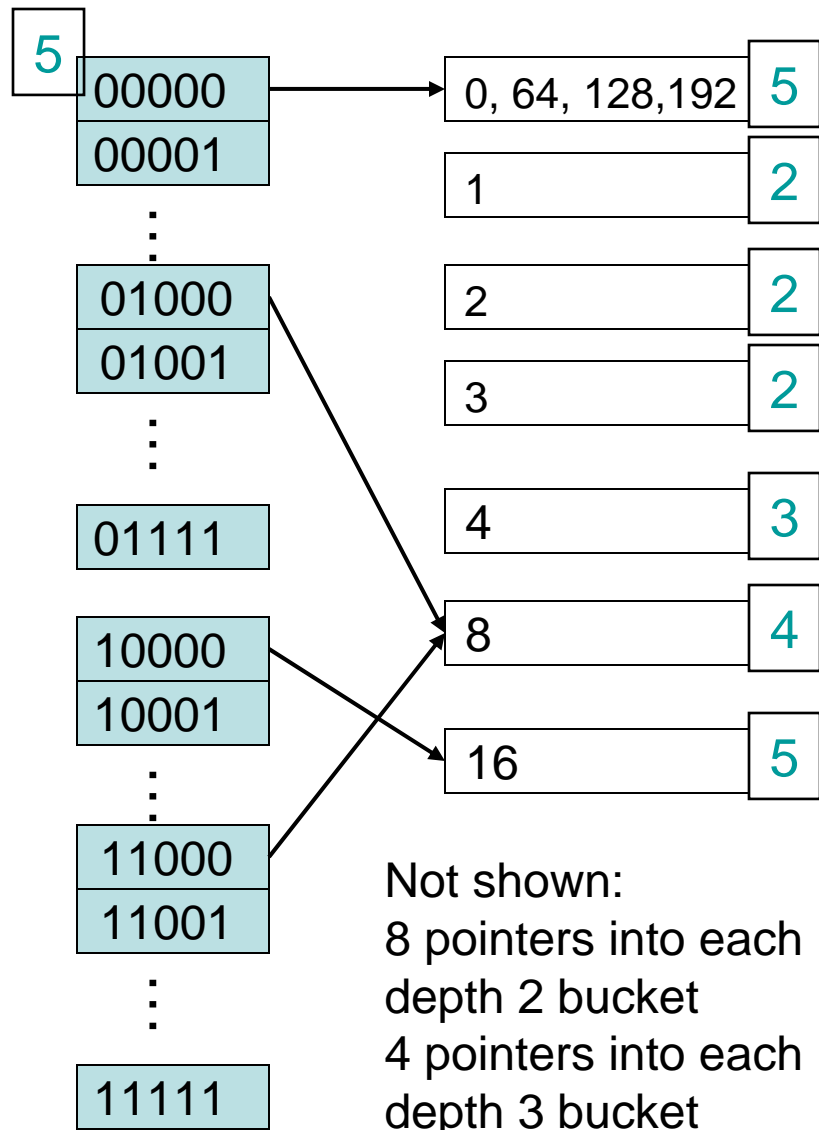
After first directory split



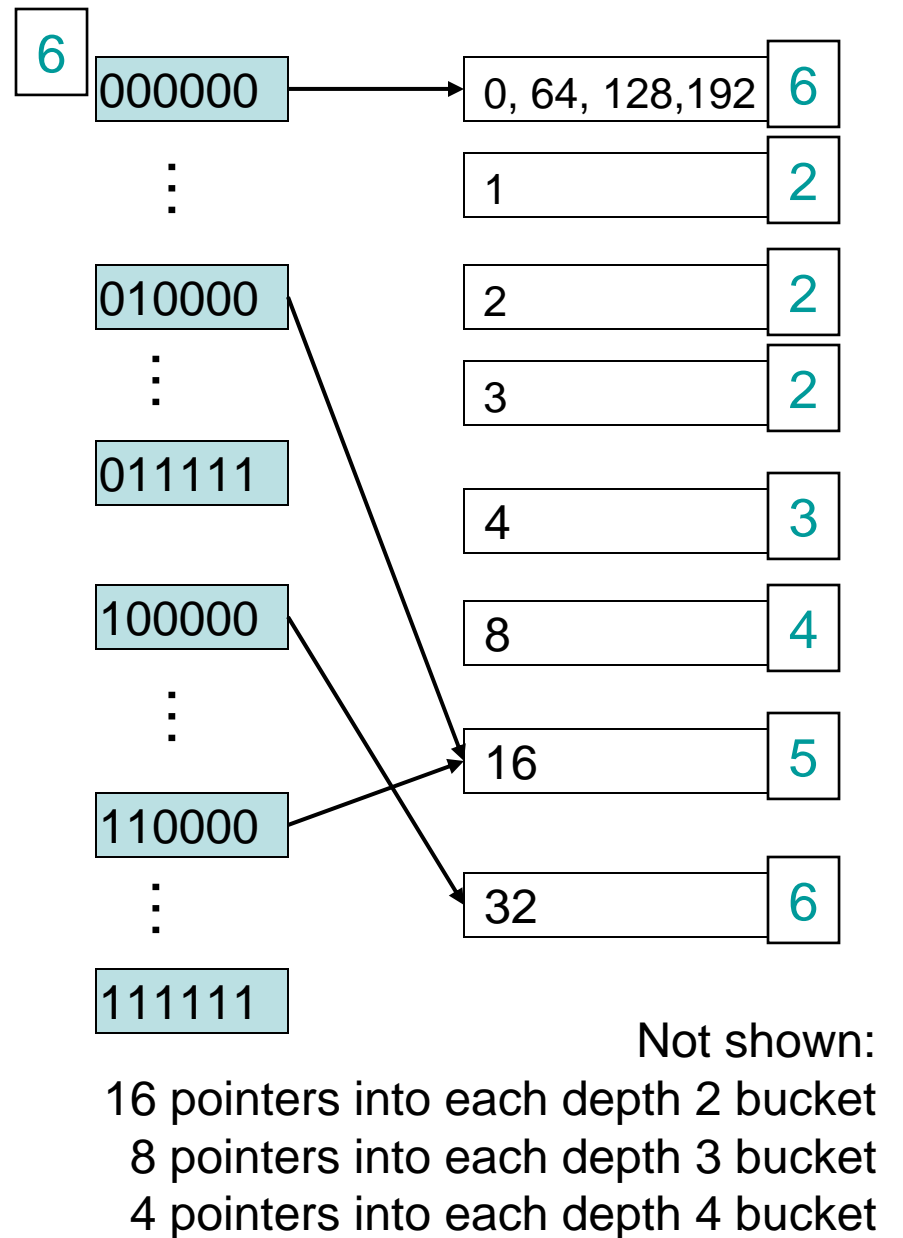
After second directory split



After third directory split\*



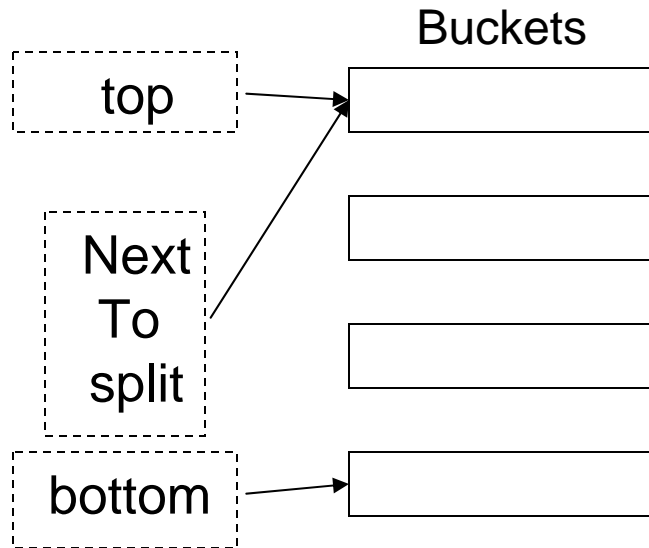
After fourth (final) directory split\*



# COS 425 Fall 06, PS5 Problem 5 solutions : Linear hashing

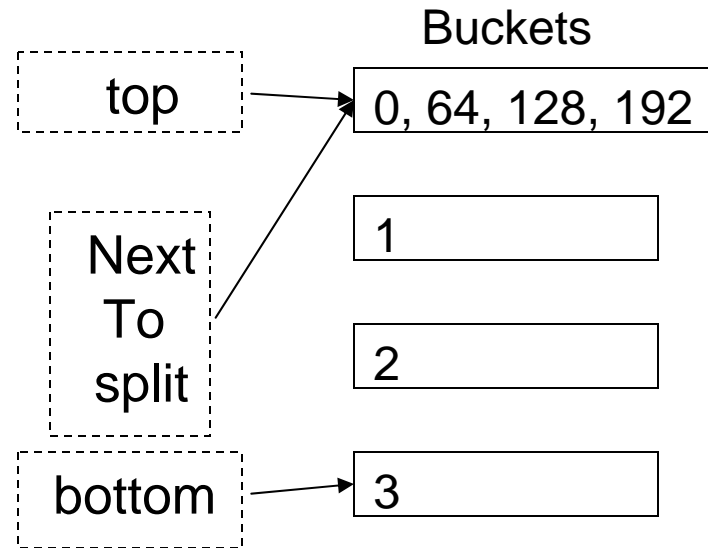
Initial:

Level = 0

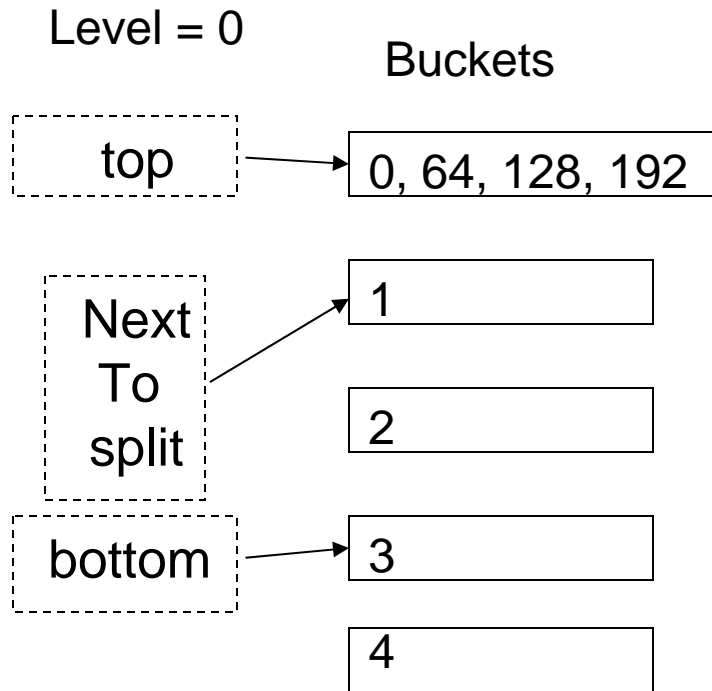


Just before first bucket split:

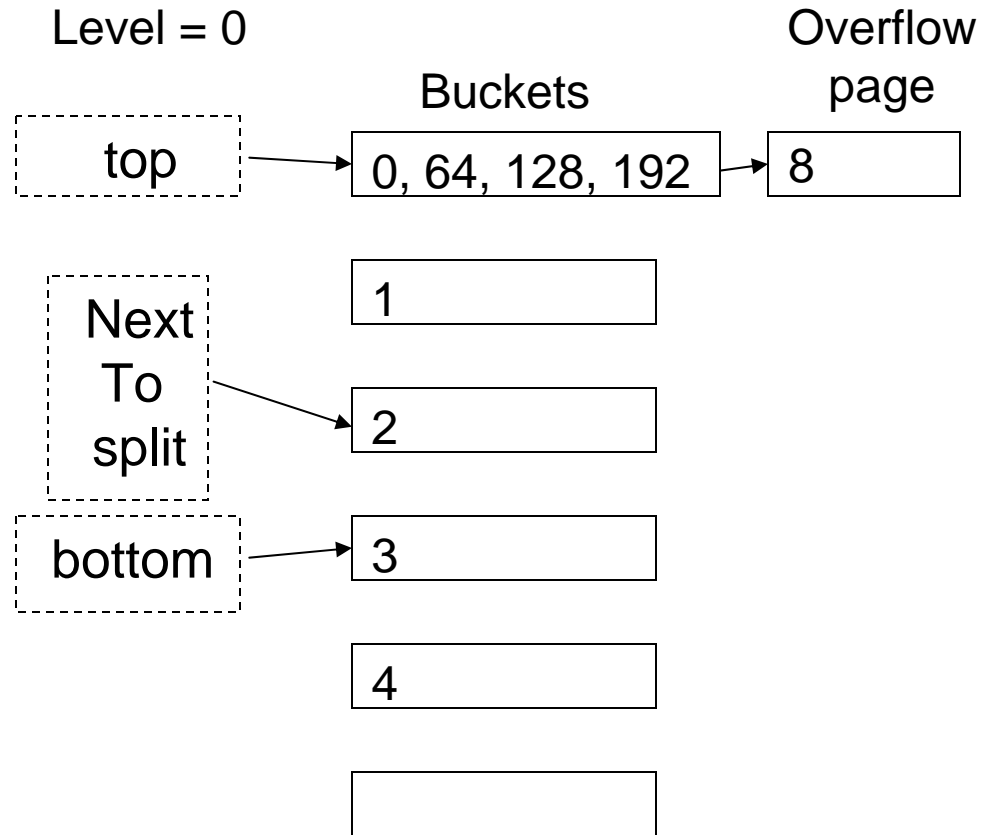
Level = 0



Just after first bucket split:



Just after second bucket split:



Final configuration:

