

Homework Linear Hashing

- (1) Calculate the split pointer and level for a Linear Hash Table with $N = 20$ buckets.
- (2) A linear hash table with $N = 10 = 2^3 + 2$ buckets has a split pointer of 2 and a level of 3. Determine the bucket with a key c if:
 - a. $h(c) = 100$
 - b. $h(c) = 75$
 - c. $h(c) = 50$
 - d. $h(c) = 25$