

CS 2341

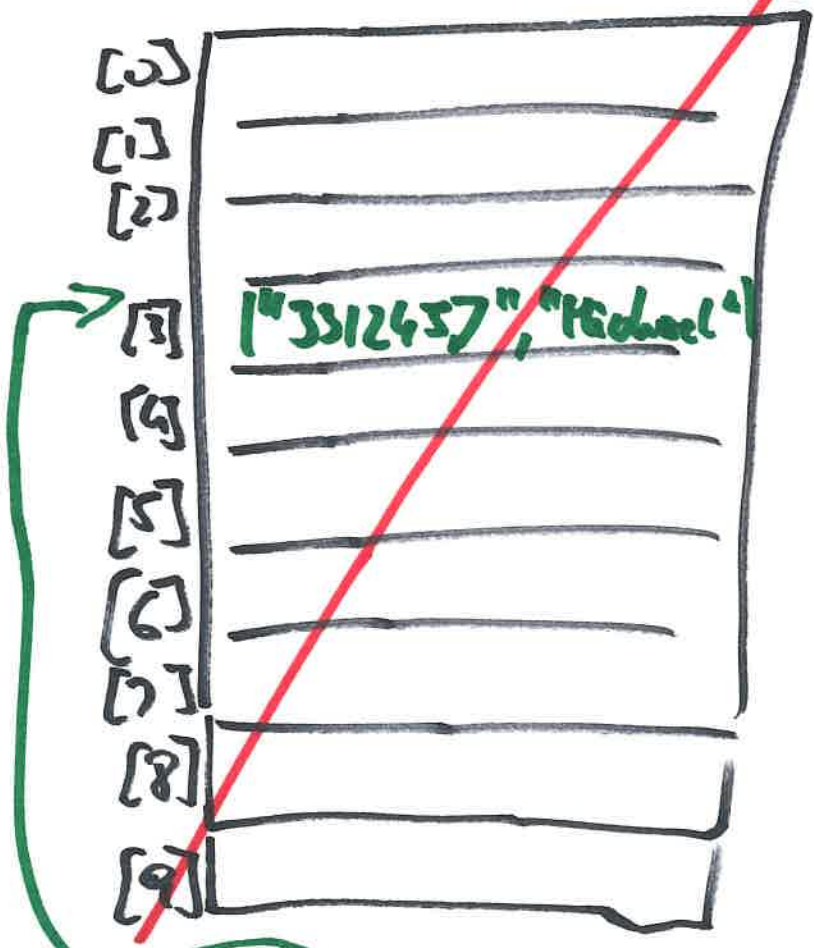
Chapter 5

Hashing

Hash Tables

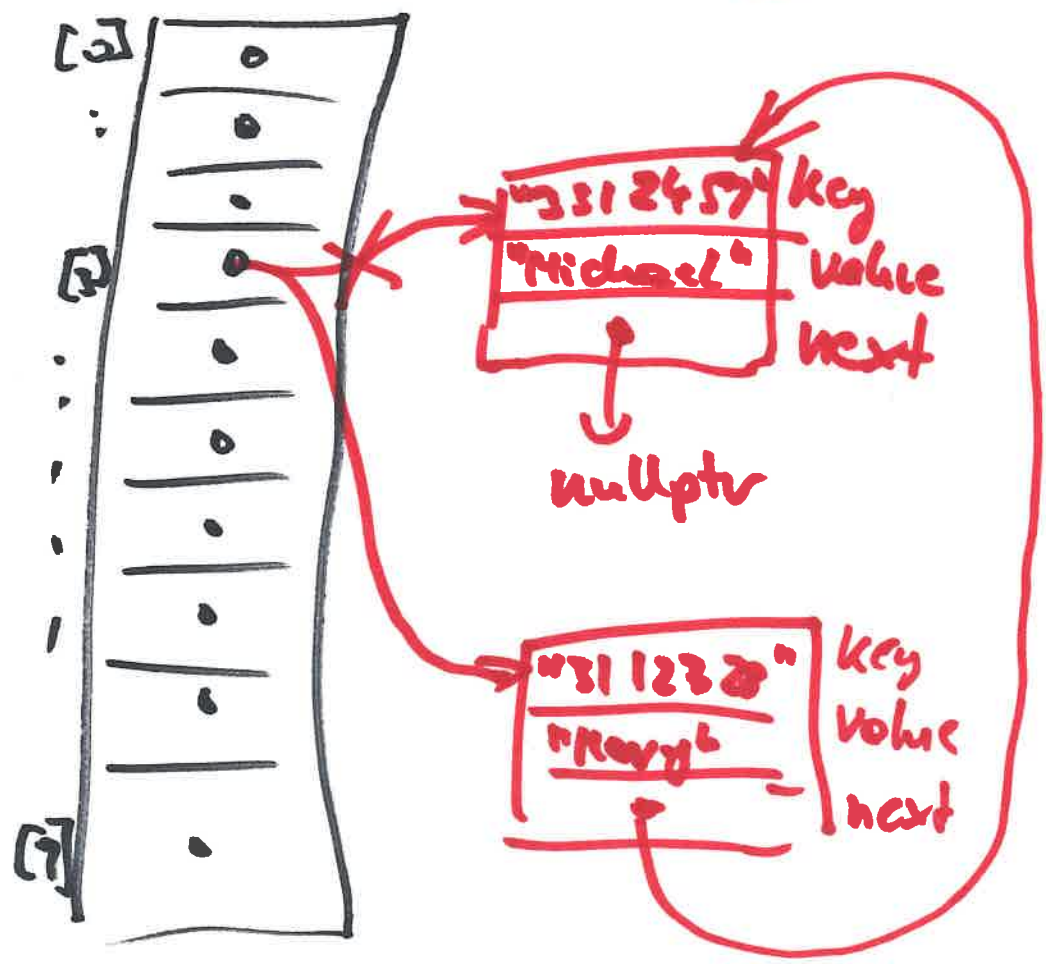
Ex: map SMUID \rightarrow NAME

hash f.: take first digit



insert("3312457", "Michael")
insert("3112328", "Mary")

Separate chaining



Is this still $O(1)$
or $O(N)$???