128+2 to- 2/1 true - change false - no change 1'pjg": 46 map. "cow! X6 "aardyark":47

1 / Lex Hos - a representation
of moving though
a collection - methods! - has Next - next while (i. has Next ()) thing = i. next()

Hash tables -arrays, but better - arrays are fast at random access -arroys are slow to insert or remove ashifting is slow -we want to avoid shifting item >/ 2 index I wonally of gives an unased malex 2 gives consistant answer

for a set of letters has h table phychot LIJIQIEIS 012345 Q > 17 -> 2 P > 17 -> 2 E->[?)->4 H > 13->5 (2) → (2) hash fund don J-313-> 1 E-10-4 table size = # of budgets
load factor = # of entries/values = 3 = 50x.

Load factor = # of budgets

Table size

Colliston Rosolution - Find another bucket - Open addressing - linear probling
- stert at by wrapy
- increment until
- increment until

- Allow buckets to have multiple values

- Closed addressing

- chaining

- each bucket

is a linked list

