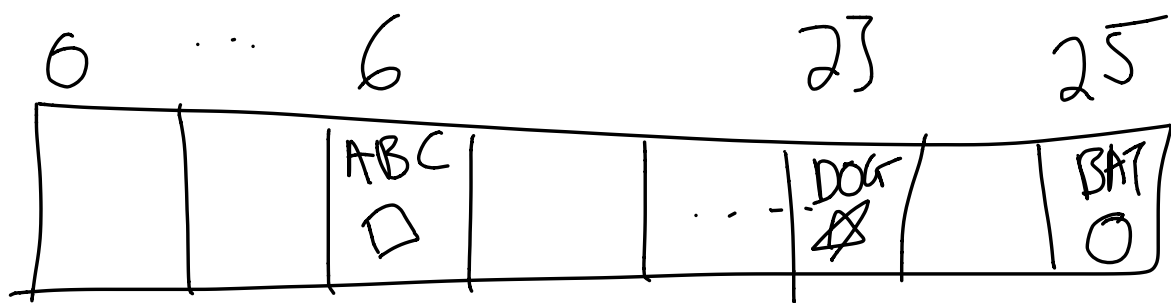


Key	Value	Hash
ABC	□	6
DOG	★	25
BAT	○	23



Key	Value	Hash	Linear Pr:
ABC	□	6	6, 7, 8, 9, 0, 1
DOG	★	5	5, 6, 7, 8, 9, 0, 1
BAT	○	3	3, 4, 5, 6, ...
CAB	☺	6	6, 7, 8, 9, 0, 1, ...

E	E	E	U	E	U	U	U	E	E
			BAT		DOG	BAC	CAB		
0	1	2	3	4	5	6	7	8	9

BAC

Key	Value	Hash	Linear Pr:
ABC	□	6	6, 7, 8, 9, 0, 1
DOG	★	5	5, 6, 7, 8, 9, 0, 1
BAT	○	3	3, 4, 5, 6, ...
CAB	☺	6	6, 7, 8, 9, 0, 1, ...

			BAT		DOG	CAB		BAC	
0	1	2	3	4	5	6	7	8	9

hash(k) <= n + 1 & empty < curr

$$6 <= 7 \quad 7 < 8$$

Key	Value	Hash	Quadratic
ABC	□	6	6, 7, 8 , 5
DOG	★	5	
BAT	○	3	
CAB	☺	6	

E	E	E	U	E	U	U	U	E	E
0	1	2	3	4	5	6	7	8	9

$$6 + 3^2 = 6 + 9 = 15$$

$\alpha \leq 1$ for sure
can't
fill

for performance array

< 0.5

L.P < 0.7