## Direct-Address Tables

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## Hashing with chaining

| | | |
|---|---|---|
| insertion | O(1) | insert at beginning of list |
| deletion | search time + O(1) | double linked list |
| search-(worst) | O(n) | all keys in same slot |
| unsucc-essful search (average) | O(1+α) | avg length of list = α |

average case analysis
assume simple uniform hashing

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