









 $i^{\text{th}} \text{ probe} = (h(\underline{k}) + i^* g(\underline{k})) \text{ mod TableSize}$ 

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Double Hashing Example $h(k) = k \mod 7 \text{ and } g(k) = 5 - (k \mod 5)$	
0123456	
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## Hashing Summary

- Hashing is one of the most important data structures.
- · Hashing has many applications where operations are limited to find, insert, and delete.
- Dynamic hash tables have good amortized complexity.

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