Topic/Title:

Hash Table - Introductions

Keywords/Questions:

Notes:

Hash Table - We use a ==key== to find the value in an index

Idempotent - An element that is unchanged

Hash Tables perform in $O(1)$
└ insert - $O(1)$ search - $O(1)$
   delete - $O(1)$
   lookup - $O(1)$

Collision happens when there is more data then memory allocated.
- Separate Chaining
- Linked Lists
  └→ These are ways of resolving collision

Summary: