

## Get(Key)

- Only need  $k$  responses from codeword to build.
- Case: for broken up messages.
- Client side logic.

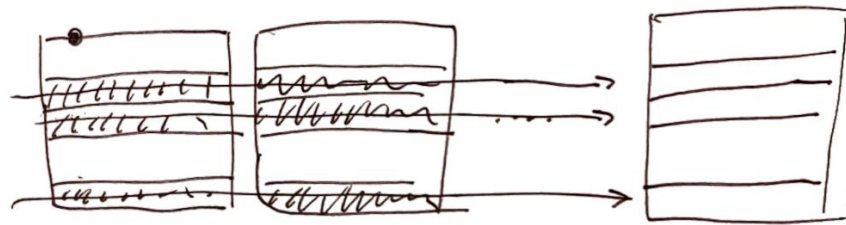
## Set(Key, Value).

- Need to implement some sort of concurrency control.
  - \* 2PC - Slow. Pessimistic & locking.
  - \* Optimistic. Transactions are isolated.
  - \* Snapshot Isolation
    - "Reads happen at a snapshot in time"
- MongoDB....

## Hash Keys

- Instead of replicating keys treat it as hashmap.
- Need Collision strategy

## Restore(i)



- Get occupied addresses.
- Construct Message
- Construct Codeword.
- Write Codeword  $[i]$ .
- Server side logic.