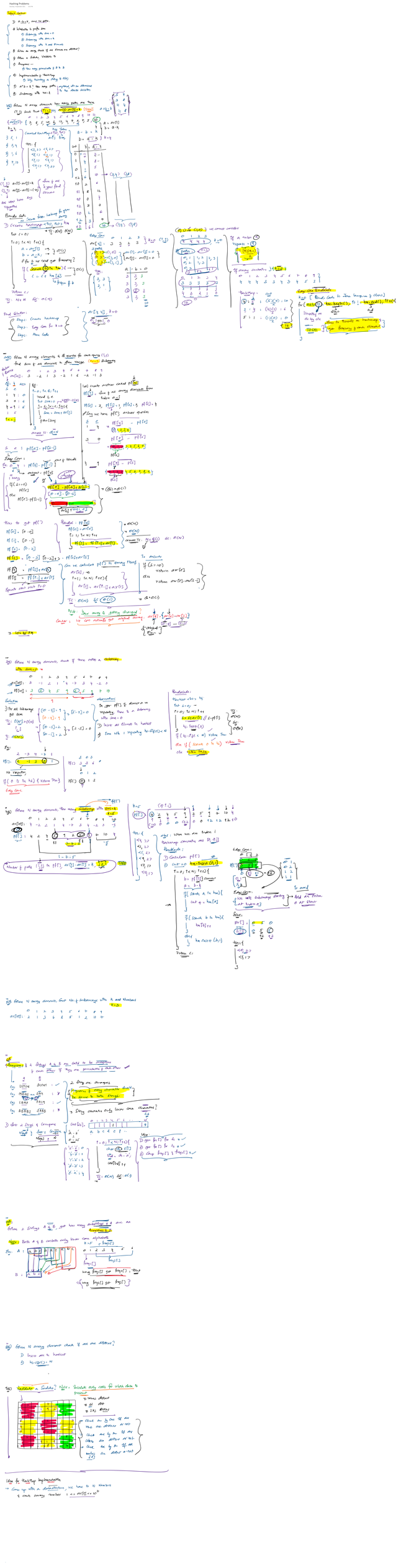
Hashing Problems

1) A, B, C, D, E, F, G, H
   1) Subsets in prefix sum
      1) Subsets with sum = 0
      2) Subsets with sum = k
      3) Subsets with k and divisible
2) Given an array check if any element are distinct?
3) Given a Sorted Variable ?
4) Anagrams —
   1) How many permutations of A to Z
5) Implementation of Hashtable
   1) Why hashing a string is O(N)
6) A, B, C, D, E, F, G, H How many strings are in alphabetical order
   1) Subsets with k-sum
   2) Subsets with k-sum
   3) Subsets with k and divisible
7) Given an array find if any element are distinct
   1) Subsets with k-sum
   2) Subsets with k-sum
   3) Subsets with k and divisible
8) Given an array check if any element are distinct
   1) Subsets with k-sum
   2) Subsets with k-sum
   3) Subsets with k and divisible
9) Given an array check if any element are distinct
   1) Subsets with k-sum
   2) Subsets with k-sum
   3) Subsets with k and divisible
10) Given N array elements how many pairs are there (i, j) such that $arr[i] + arr[j] = k$


arr[i] + arr[j] = k
Counted Hashtable
Key Value
Hashtable
Key Value
Step Gen
Step Gen
Step Gen