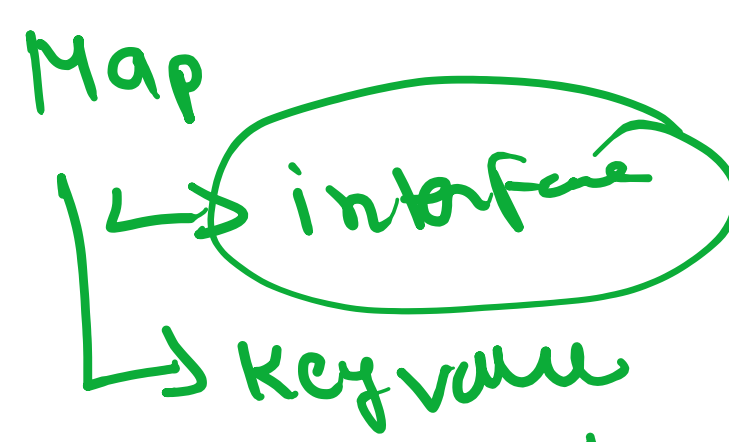
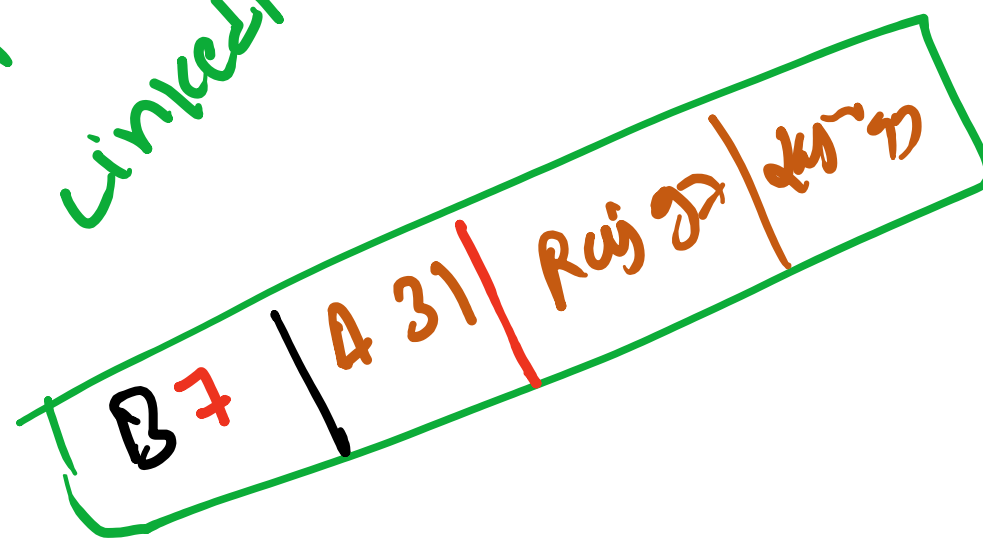
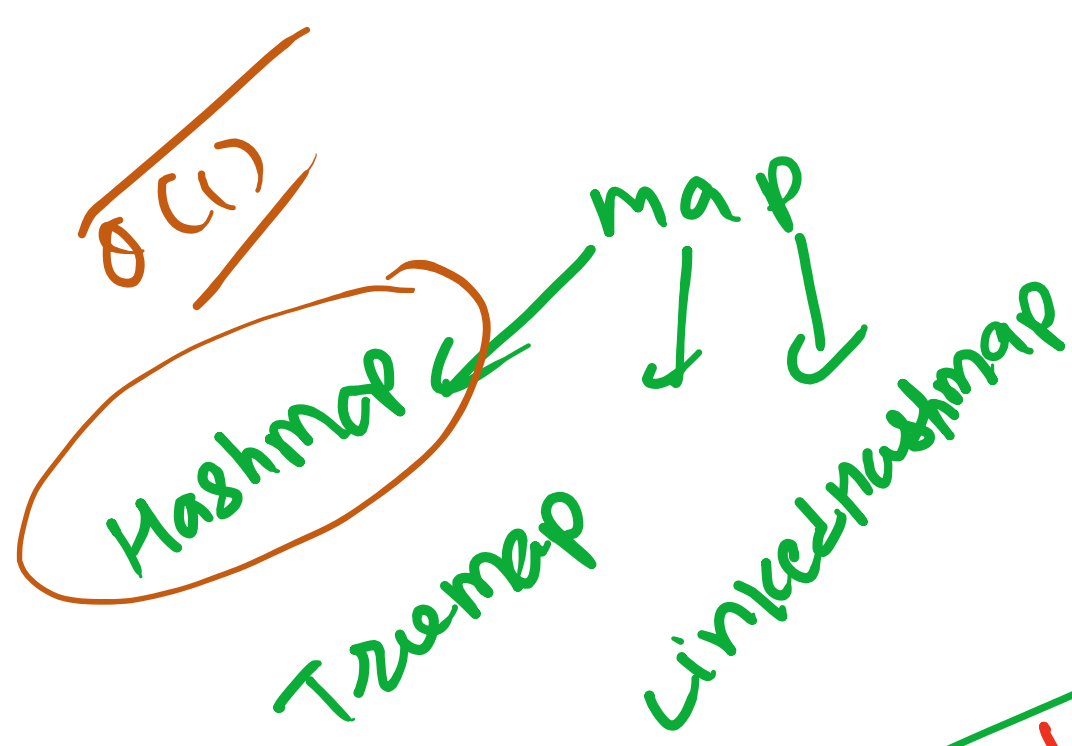
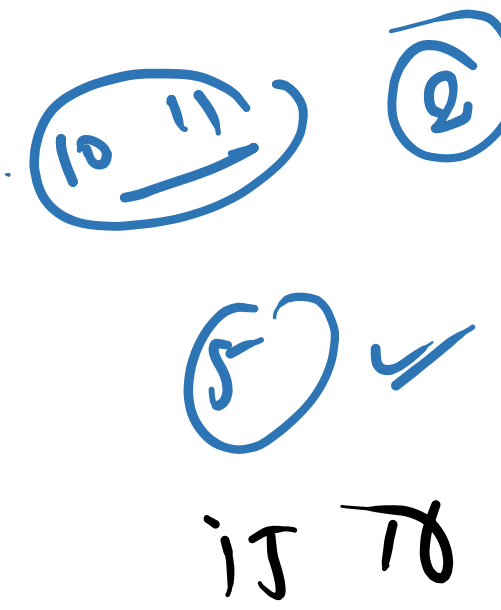
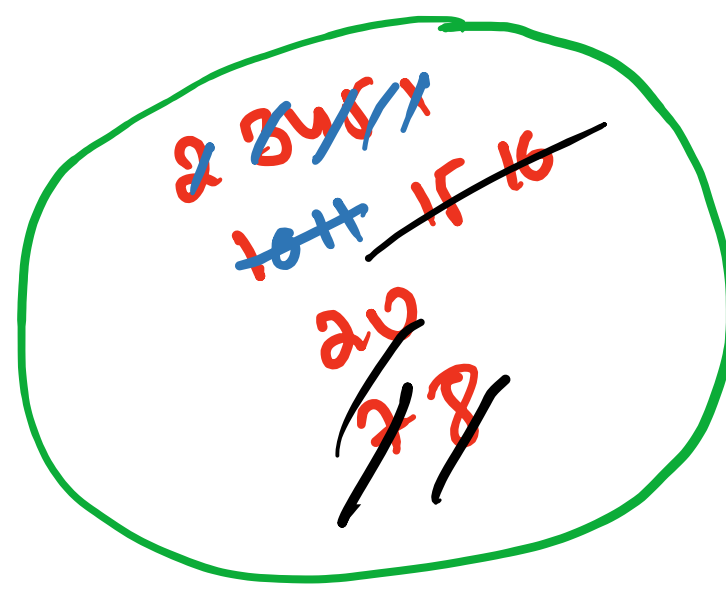
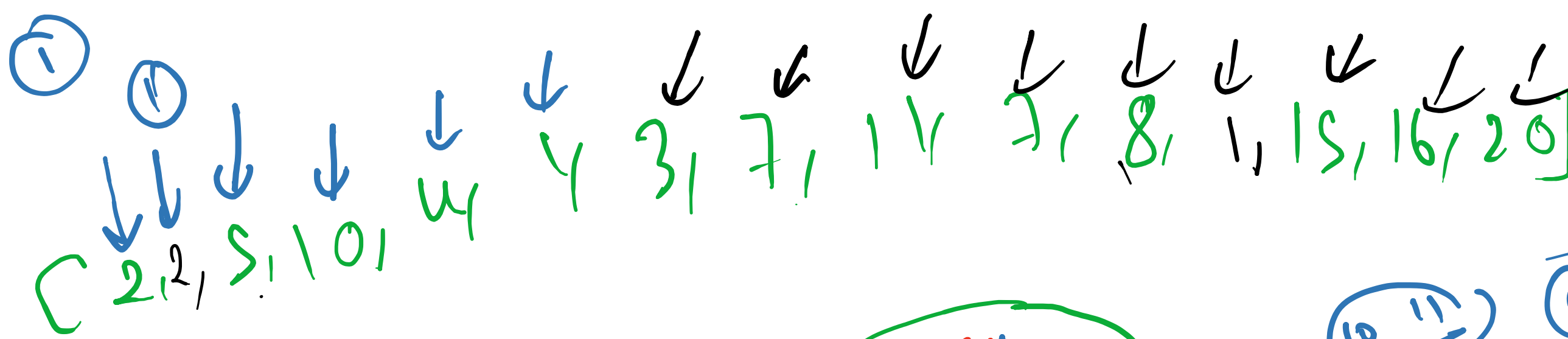
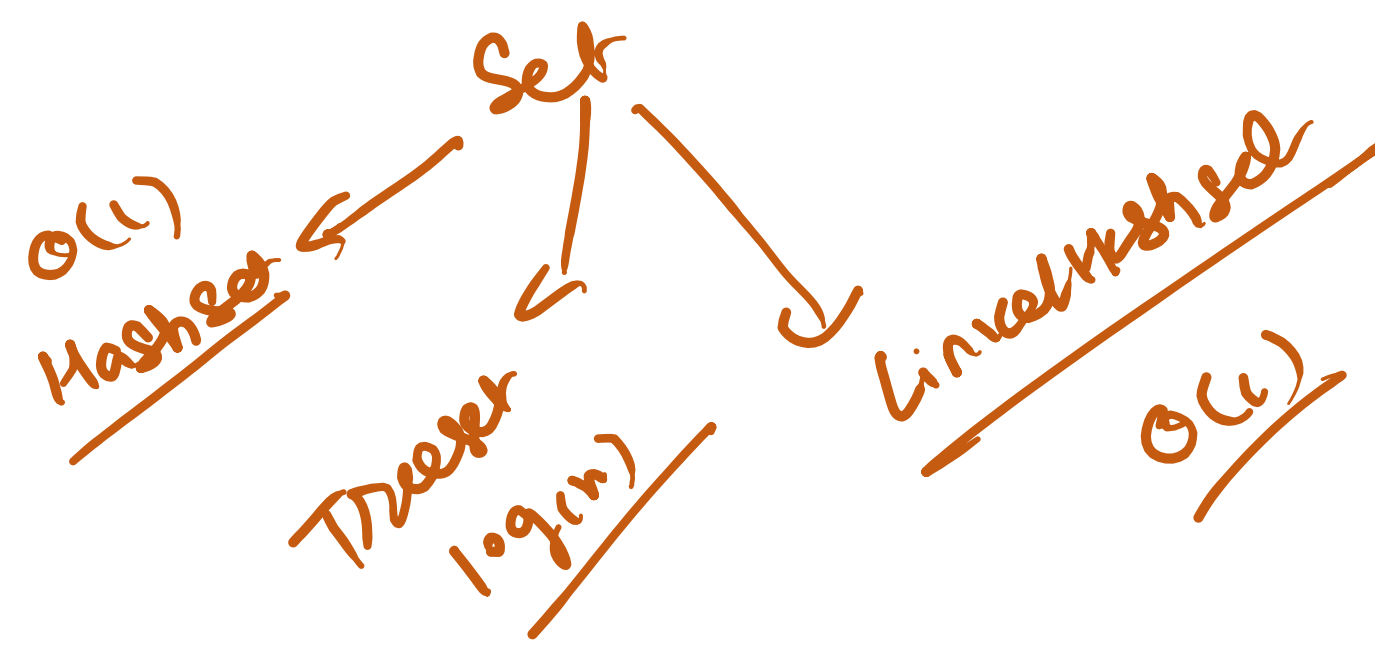


Ma



name \rightarrow key
~~value~~
mangoes \rightarrow value

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12375 - 25

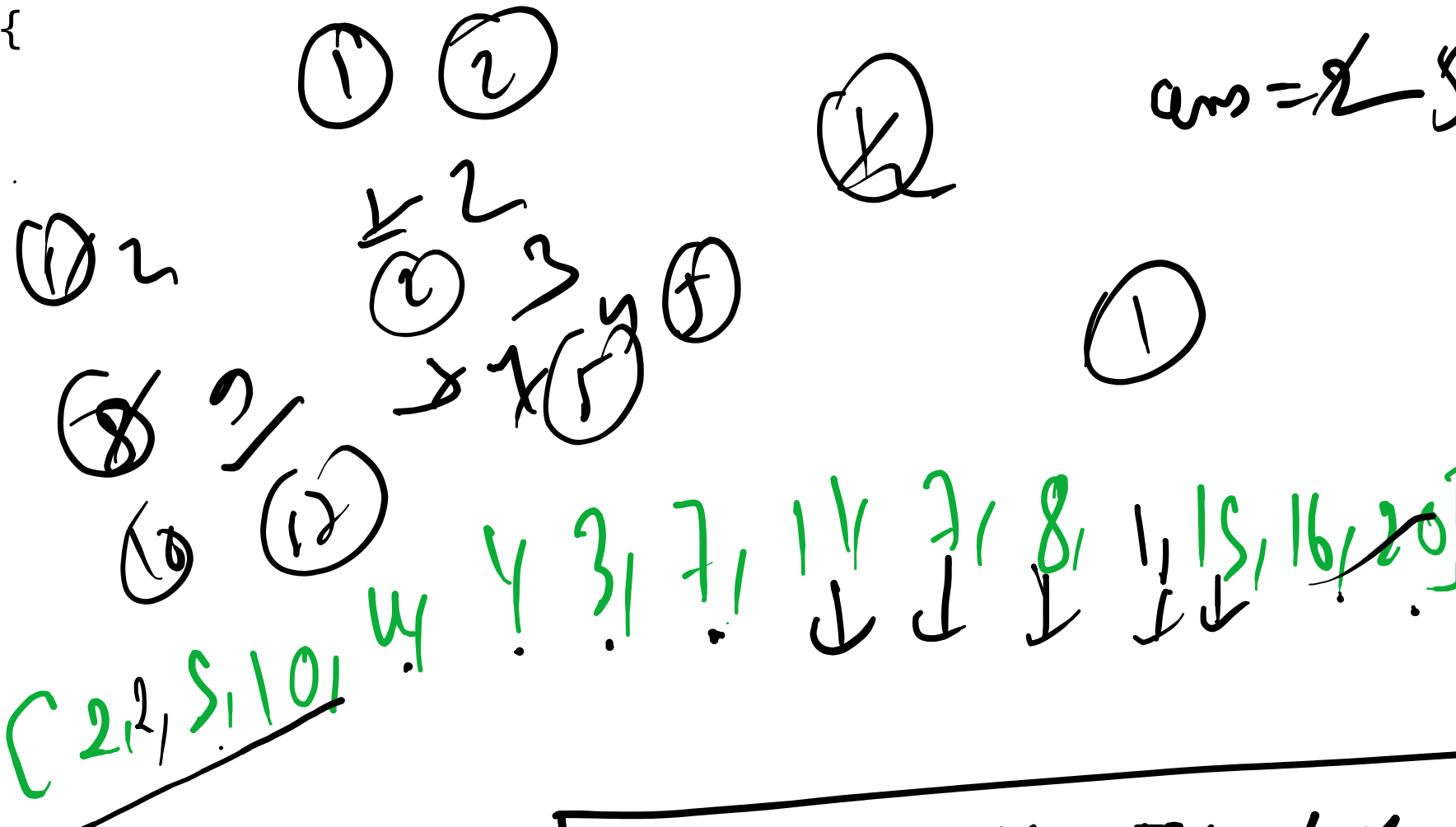
78 → 2

10 11 → 2

15 16 17

20 11

```
public static int Longest_Consecutive(int[] arr) {
    HashSet<Integer> set = new HashSet<>();
    for (int i = 0; i < arr.length; i++) {
        set.add(arr[i]);
    }
    int ans = 0;
    for (int i = 0; i < arr.length; i++) {
        int x = arr[i];
        if (!set.contains(x - 1)) {
            int c = 0;
            while (set.contains(x)) {
                c++;
                set.remove(x);
                x++;
            }
            ans = Math.max(c, ans);
        }
    }
    return ans;
}
```



ans = 25

1 ~~2345~~ 78 164
1718 20

$$\underline{2(oid) + 2}$$

$$2 \times 16 + 2 = \underline{\underline{34}}$$