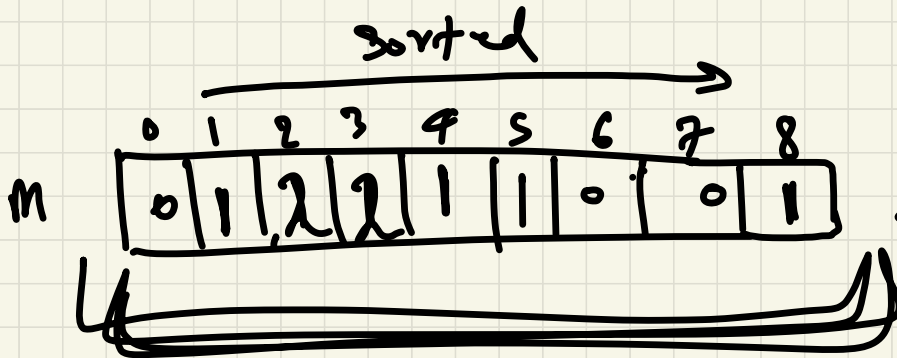
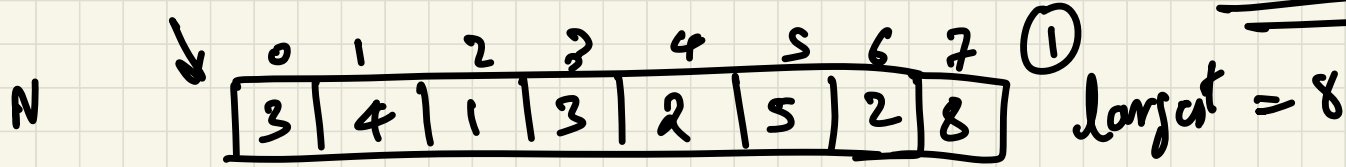



Count Sort!

★ Non-comparison sorting algorithm

★ Small nos.

$$\underline{\underline{O(N + M)}}$$



② arr = largest + 1

freq array.
index no = element no.

0	1	2	3	4	5	6	7
1	2	2	3	3	4	5	8

Array sorted

HashMap :

1	2	2	3	3	4	5	8
---	---	---	---	---	---	---	---

3	-	2
4	-	1
1	-	1
2	-	2
5	-	1
8	-	1

max = 8
i = 0 till 7
map.get(i)