

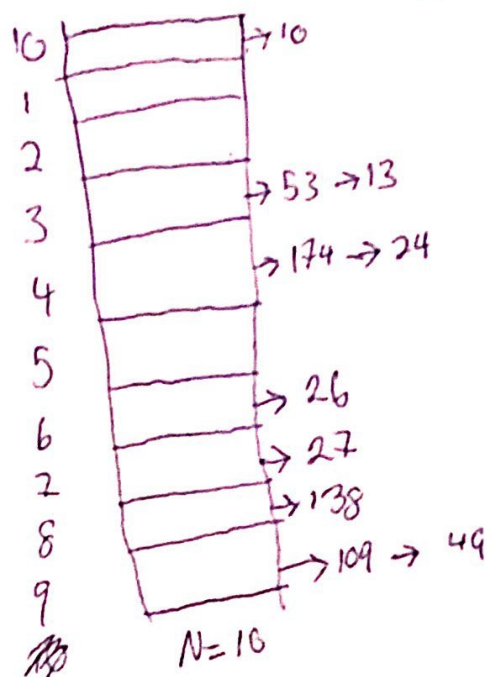
a) Array | # of collisions

0	13	1
1	27	
2	26	3
3	109	
4		
5	53	3
6	49	
7		
8	138	1
9		
10	10	
11	174	1
12	24	

$N=13$

$4k+3$ prime ≈ 19

b) array in Bucket hashing



2)

key	linear array	Buckets
53	1	2
138	1	1
109	4	2
49	4	2
174	2	2
26	1	1