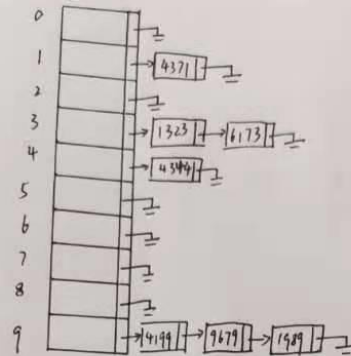


5.1

5.1.1)



2.)

0	9679
1	4371
2	1989
3	1323
4	6173
5	4344
6	
7	
8	
9	4199

3.)

0	9679
1	4371
2	
3	1323
4	6173
5	4344
6	
7	
8	1989
9	4199

4.)

0	
1	4371
2	6173
3	1323
4	4344
5	9679
6	1989
7	
8	
9	4199

5.2

0	
1	
2	
3	
4	
5	
6	
7	
8	
9	6173
10	
11	1989
12	1323
13	4199
14	
15	4371
16	
17	
18	
19	9679
20	4344
21	
22	

5.6

(1) separate chaining:

Advantages:

Different elements with the same key can coexist in one bucket.

Disadvantages:

It requires pointers, thus requiring more time.

(2) open addressing:

It requires less time. But it may cause secondary clustering.