Chapter 20 written

20.1: 0 to 10

20.2: probing table size is 23

20.3: deletion is performed in both probing and separate chaining hash tables by using Lazy deletion

where there is no physical removal of data from the hash table.

20.5:

a.

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

b.

Index	Input
0	9679
1	4371
2	

3	1323
4	6173
5	4344
6	
7	
8	1989
9	4199

C.

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

20.6: 4371 %23

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