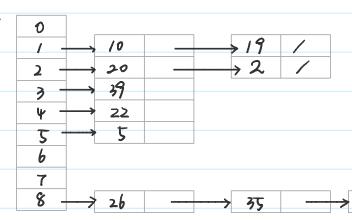
Assignment6

2021年10月25日

Step 1: Build Slots Step 2. Caculate using hash-function

20 .	A . 1				7						
Steps: X	26	10	20	39	2	35	19	8	22	す	
X mol9	8	1	2	3	2	8	1	8	4	5	

step u.



When we try to insert Kth key into the hash-table, the expected Collision after it is: n-k

Hence: the sum of collision is:

$$\sum_{p=1}^{n} \frac{n-i}{m} = \frac{0}{m} + \frac{1}{m} + \frac{2}{m} + \dots + \frac{n-1}{m} = \frac{(\theta+n-1)\cdot (\frac{n}{2})}{m} = \frac{n^2-n}{2m}$$

