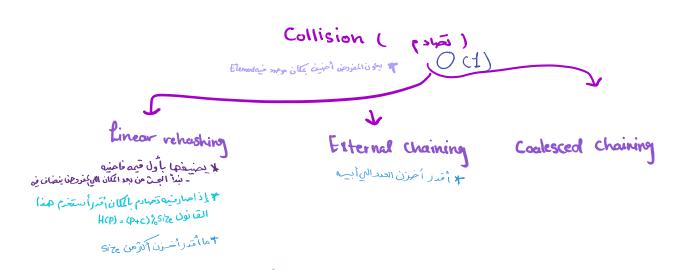
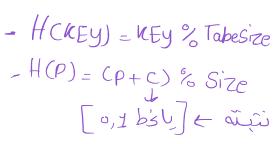
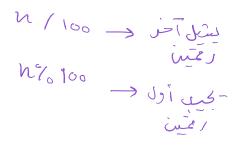
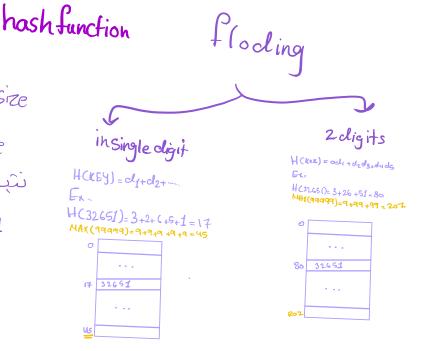
MASH Function





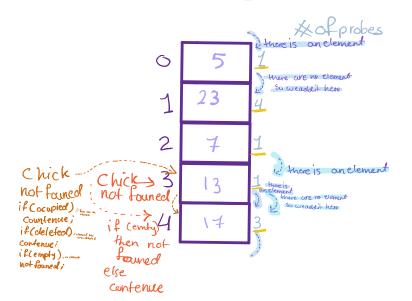
- 0 < HCKEY) < tablesize-1







odol to $\rightarrow 5$, 7, 13, 17, 23 the array



H(key)=key % (tabe size)

H(5) = 5 % 5 = 0

H(7) = 7 % 5 = 2

H(13) = 13 % 5 = 3

Now? (H(17) = 17 % 5 = 2

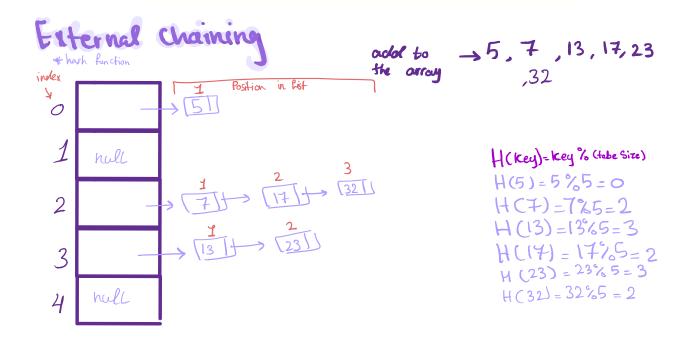
2 is not (23) = 23 % 5 = 3

Empty !!

SEARCH IN THE TABLE

$$H(43) = 43\%5 = 3$$

 $H(23) = 23\%5 = 3$

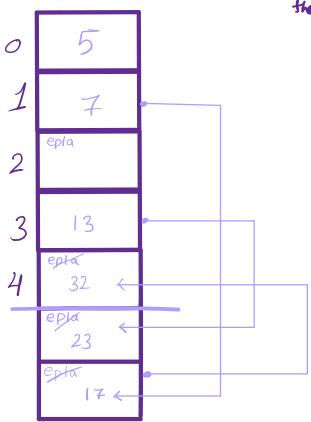


Coalesced Chaining

Cellur = 2

* cellur

add to $\rightarrow 5$, 7, 13, 17, 23 the array 27,32



H(Key)= Key % (tabe Size)

$$H(5) = 5\%5 = 0$$

 $H(7) = 7\%5 = 2$
 $H(13) = 13\%5 = 3$
 $H(17) = 17\%5 = 2$
 $H(23) = 23\%5 = 3$
 $H(32) = 32\%5 = 2$

مع ما أعدراً طلح من الحانه الوجره أكثر من سلم