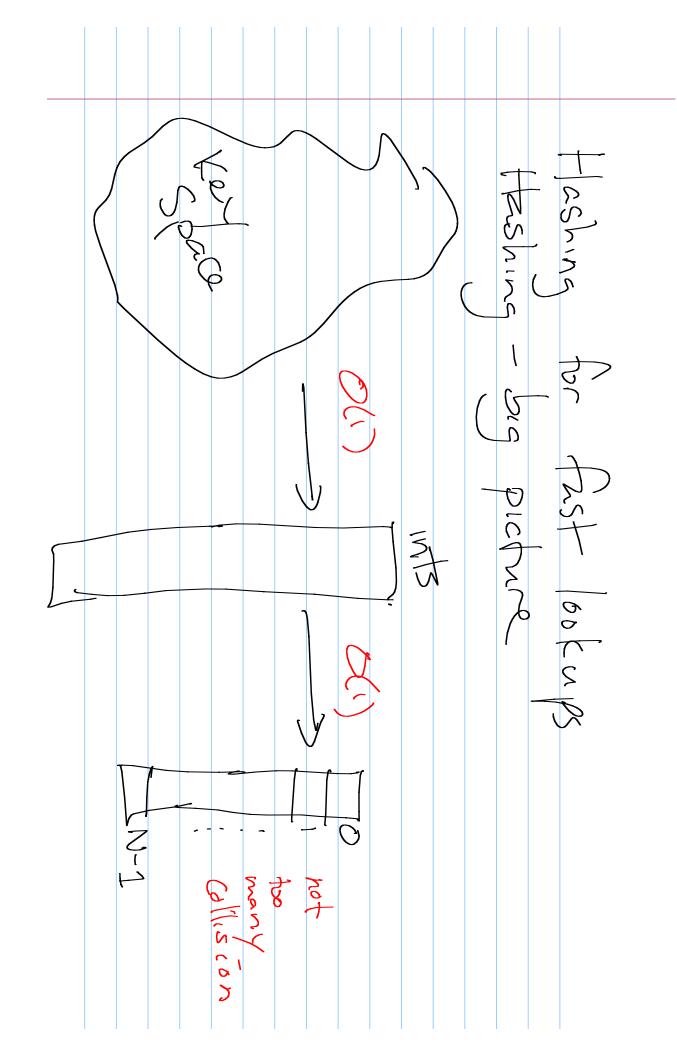
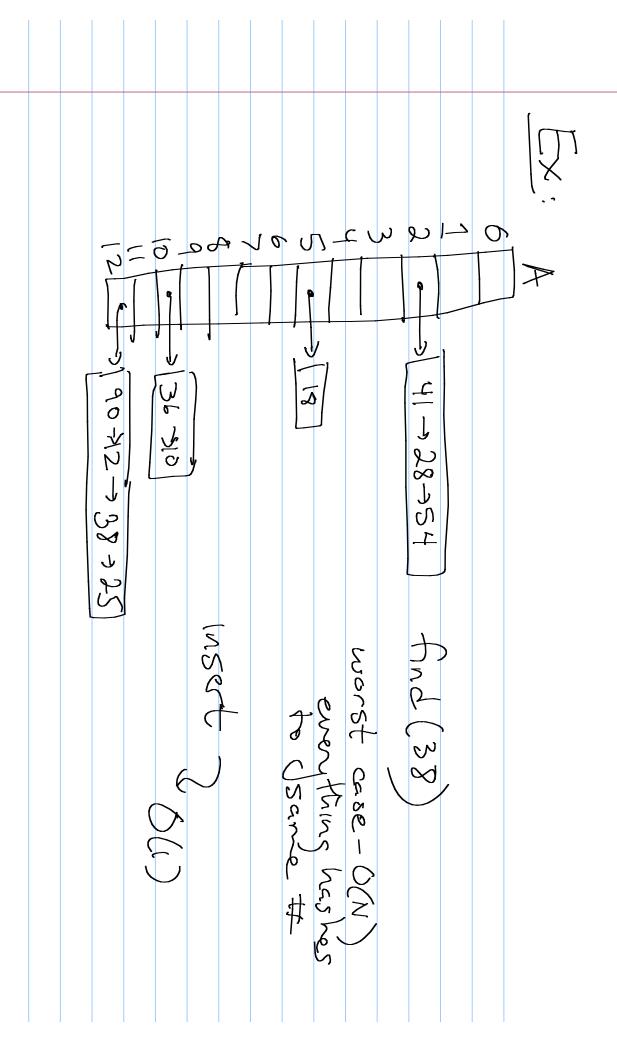
Note Title 15/80 trossem due tomorrau - Homework 15 out - due Announcements tash Tables 23 midnight on [2] 11/23/2009

txamples: Ichon aries A structure which supports the tallowing; detatype find (key type &k) data Type &d. Plight # locker number el name 6 R 00 CL1 NO (12/2) Cart



Syonsillo (an we ever totally avoid collisions? ten space Q したとして they our

tou can we handle collisions? (Do we have data structures - tree J 92

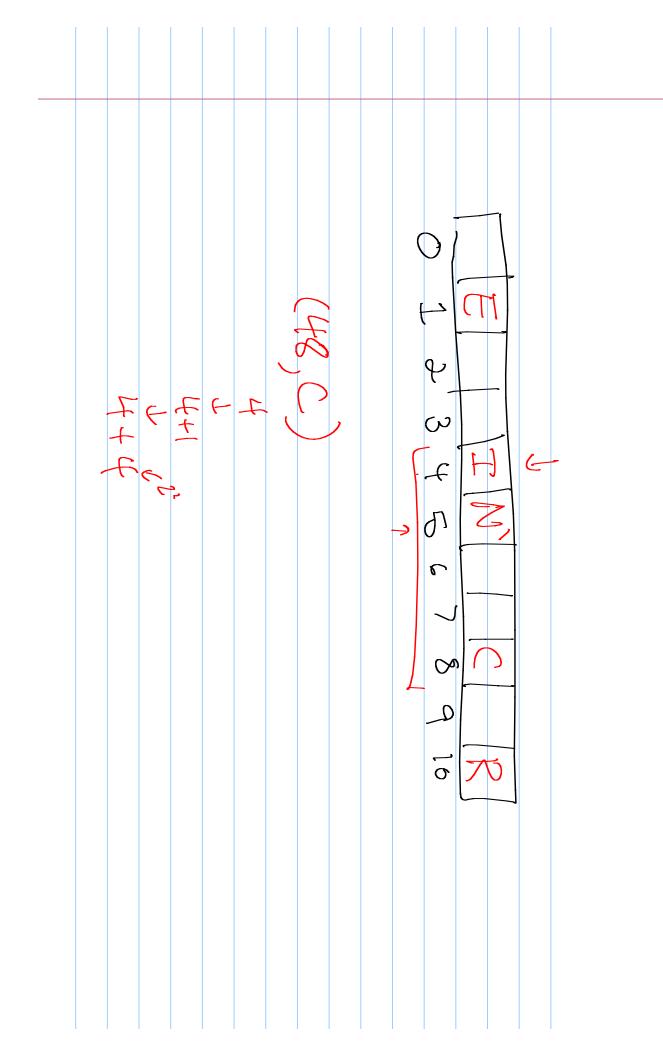


Trobins: Instead of lists from we hash to a till spot just seep checking next spot 255mming table never fills up

Ma D Insert (12) F) INSERT (JE N INSERT (JE) Xのかりん 1 (K)1 Mad V) 21 mod 1 pom of mod Mod 11 11 0

Usmily take a Shortant an mark	or O(n²)	the state		Twent /	Find ()(n) n= #1tons inserted)	Running Anes: N= size of table	
		Stopped Tak!					6	

Quadratic Probins Notice: Linear Problems Checks Spot lo avoid clusters, instead try A[(n(i) + j2) mod N] where j=0,12,3... C) + 1 mod N



Lucdratic Pablic Even with Still cause "Secondary really must be actual Drime , may [SShes: Some Co chustering " fall it away

Soulde TRShira 4 [h(i) + f(j) mod N Store & the for times IS another hash function a ready

020 Most Suppo of these was k chaining. 00 de repressions ech majnes Dession ca Worse lly ducks