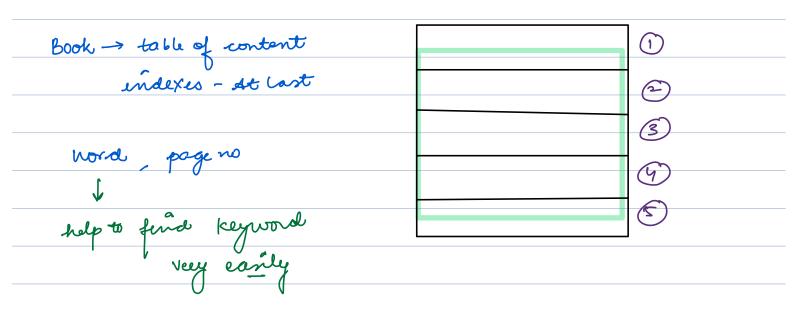
. Aamda :	
Aguda:	
· indexes?	
· How index works?	
· Eons ef Indexes  · Indexes on multiple columns	
Indexing on throng	
· Indexing on strungs	



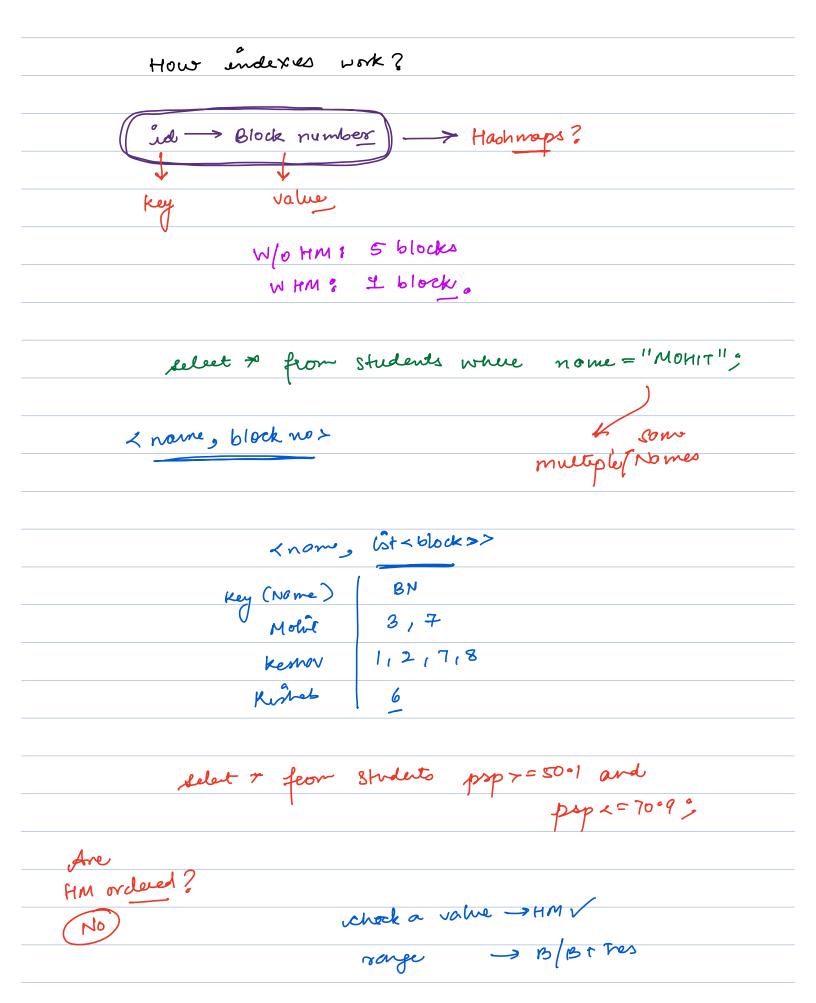
select  $\neq$  from Students where i'd = 1000;  $\downarrow$  O(n)

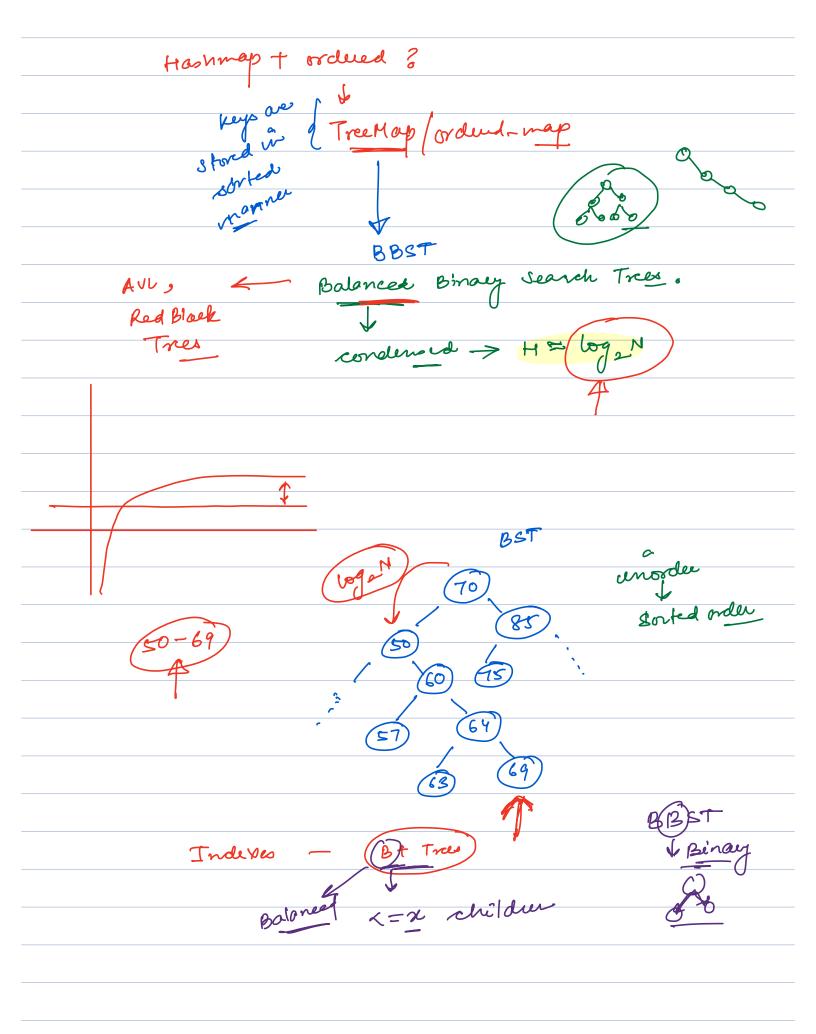


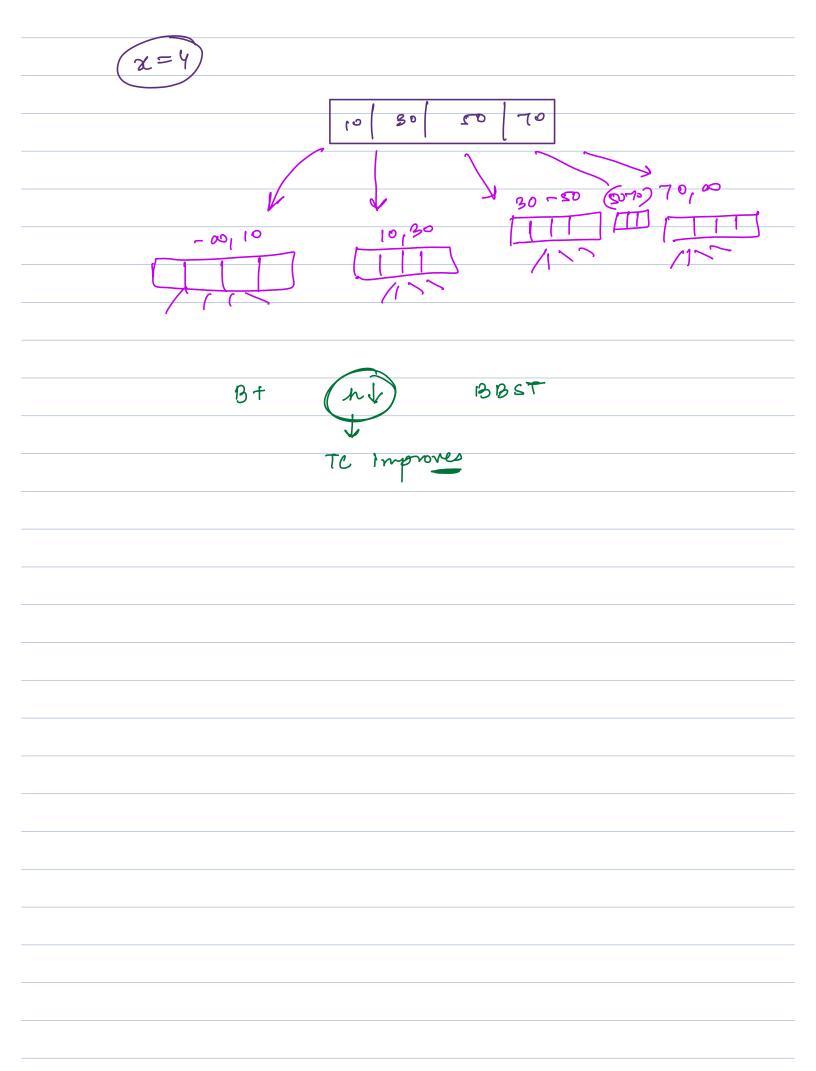
endexes -DB: Find for block seey fast

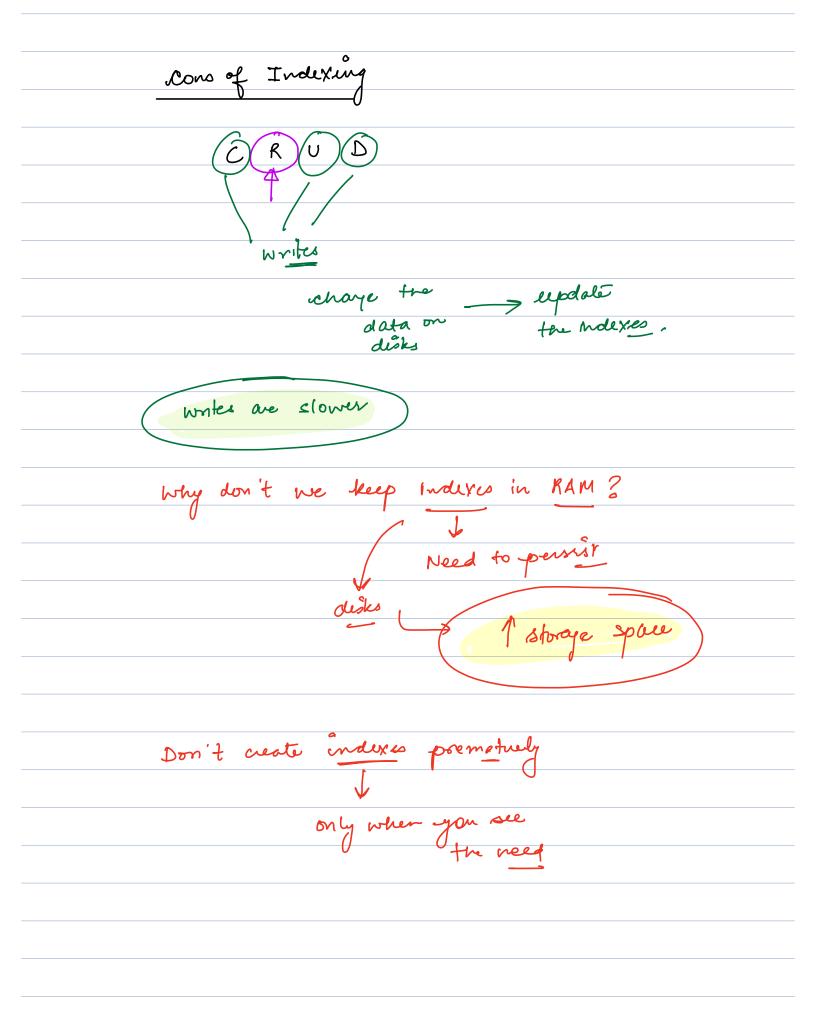
Reduce # disk accesses!











query	index
name	psp X
name	(nome) (psp) V
nome	(psp, name) X
nom	(name, psp) V
none = _ d psp = _	(pop, nome) V (nom, posp) V

Indexes on stringe
select 7 feom user
select 7 feom user where email = "_";
size of string (1)  String comparison is  80-90%.
J. Stein compaison is
80-90%
@ g mailo com
mohitishare e gmailir com
a [-,-,-,-
b
2B rend
(26) +26 +26
676 * 26 = 17576
264 = 4×105
$26^5 = 1 \times 10^7$ $26^6 = 3 \times 10^8$
(26° = 3710 (26° = 87109)
0,10