

Deleting from Table

we are not
REMOVING a record from
file:

we are marking record as
deleted:

delete record 5

*
Joe
Benson
CS
23

3
5
9
12

- read record 5
- Mark first field w/ "*"
- write it back into file,
in the same position

A. first field of any record is
the "deleted" field:
Blank if not deleted
* if it is

B. when doing select:

• Poorman's version

OK ✓

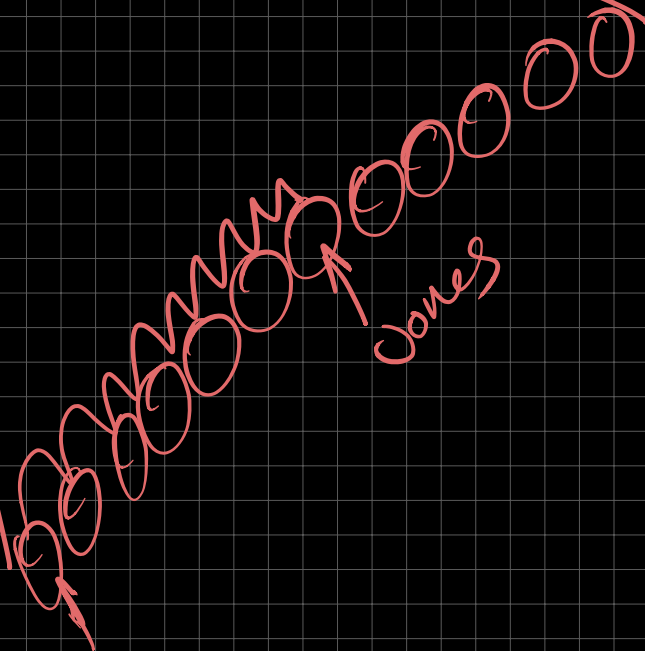
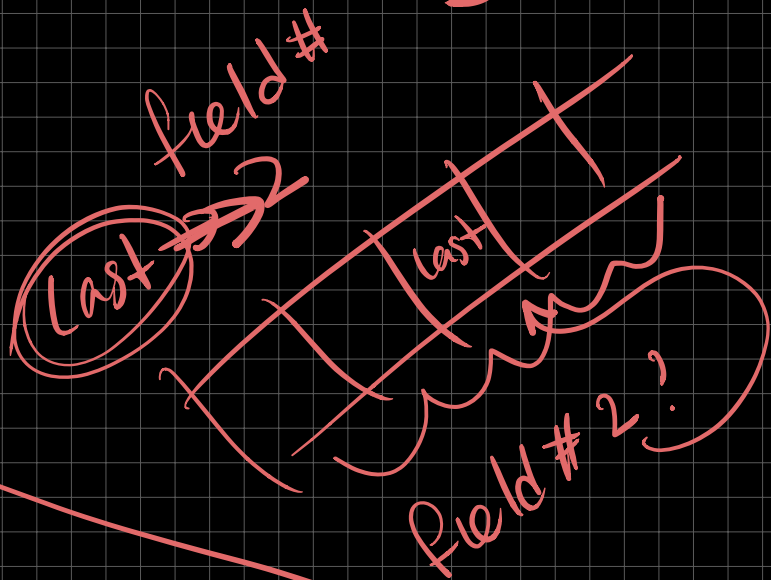
always print the deleted field
along with all other fields

insert into table you are
returning;

select last, first from emp

deleted	last	first
	Joe	Blow
	Jack	Smith
*	Joe	Benson

delete from emp[where
< where clause >]



Drop table:

file needs to be deleted

name of table needs to be removed from all structures and files

SQL

Table tables ("tables")

table name object

strings Table

tables.tbl

emp	emp t

employee
student
Parts
Courses
faculty

Intersection / Union

		<u>U</u>	<u>I</u>
5	3	3	5
10	5	5	15
15	8	8	
20	12	10	
25	15	12	
30	19	15	
	25		
	30		
	35		

* 1 2 3 4 5 6 7 8 9	
1	1 2 3 4 5 6 7 8 9
2	2 4 6 8 10 12 14 16 18
3	
4	
5	
6	
7	
8	
9	

shunting yard

case field/value
push \rightarrow output

(push \rightarrow stack

) pop stack \rightarrow output
until left
throw away left

op: = < .. and or

pop stack \rightarrow output
until top = f
stack < me: then op
push op \rightarrow stack
watch out for
empty stack

pop stack \rightarrow output