- (6) 1. SELECT X, SID, Y, SIP

 FROM Calalog X, Catalog X

 WHERE X, PID= Y. PID AND X. PRICE > Y. PRICE
 - 2. SFLECT SID

 FROM (Suppliers John Catalog on (SID)) join (Parts join Catalog on (PID)) on (SID)

 WHERE color = 'red' or didness = 'Ruston City'
- (3) Student (SSN, SNAME, SADdress, HScode, HSname, HScity, GPA, Priority)

 FDED > E, F p.d

 G > H + 6.d

 A> p, C, G 3 p.d

 AD* = ADBC EFGH

R(ABCDEFGH) $\downarrow R_1(GH)$ $R_1(GH)$ $R_2(GABCDEF)$ $R_{22}(ABCG)$ $R_{22}(ABCG)$ $R_{22}(ABCG)$ $R_{22}(ABCG)$ $R_{22}(ABCG)$ $R_{22}(ABCG)$ $R_{22}(ABCG)$

Ostarname

Del pirector = ABCDEF

Oranguage = "German" Star Ins

Movie

A=BPd
A=PDpd
AFF->6pd

B

3. Step 1) Read R into memory completely and make it accessible through an in-memory index structure

L3R(AEFG)

- Step 2) for each tuple in 5, search if it already exists in R and deleter it
 - Step 3) butput all remaining tuples of 5.