SQL Assignment 0) select frame planare PROM ACTOR WHERE actor-id in (select cractorial from CAST C . W FINDM NIOC on emovie-id = m.id WHERE minamps 11 the last Emperor"); b) select frame, I have to PROM DIRECTOR d JOIN MOVIE-DIRECTOR M GROUP BX m ORDER BY Count (m. movie id) des c; SELECT frame, land name PROM ACTOR WHERE actuald in (SELECT C. actor_id FROM CAST C DOTH WATE LU on conspired smild WHERE voryeor (1960);

d) update movie

set rating-noting+ I

whole id in (

select mimorie-id f

PROM MOVIE-DIRFERTOR MO

TOIN DIRFCHOR d

on migractorisqiqiq MAIBRE d'Anarop = 11 Stephen ! AND delarge = 11 Spielberg"); Cannonical cover and extrageous attributes eg1: Given F= & A > C, AB > C, To enect extragerors attributes for X>B where d= A, A, A, A, A, A, Then AB -> C HEE, ATEAC, since , this closure includes CIBis extrageous eg 2. Gren F= SA>C, AB>CD, Is C extreneous m ABSOD? -> We find of young dependencies in F where FI= (F-2 x) By V 2 x > (B-A)4 = \$ \$AB > C , AB> CD - \$ AB > CD 3 0 = SA>CJUSAB>RZ Mes, x is AB, so we and (AB) weng pl (AB)+ = ABCA since, of the contains A 120, C is exagreous. PP: (BB) + containe (. Mence, Cis extraneors m AB->CD.