20/9/20

Poinciples of Data Base Systems CSI 1001

<u> 5et-1</u>

Name: Paras hanth .5

ROPEL NO : 19HI DOO 20

R (A, B, C, D)

FD,: {A ->B, B -> C, A -> C}

FD2: {A>B, B>C, A>D)

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A > Super bey and condidate bey ABOD >> { ABCDY

In both FD, and FD2 A is the condidate by. 10 definitely FD, and FD2 is a losolliers from

departery prosessing

2) b) Pour duced (Broducer Name (Title) Paragoram (theatre name, title, time) Liked (Viewsees, Sittle) See (vaiser, title) Maries (Title - Disactor, Actor) a) The Spm (Program)

> 3 iduoti Tproduced Do Libed Tollard (Produced Do Libed) Ttitle (Cheed . title). a) Various operations used in relational algebra. (bark bour) loan amount I loan amount >100000 custoner_detail Perojection (T) cultomes id Tuetonon_name customer north

customer AND (1) (Customer) customer id customer name customer name customer vame 1 lan amount 4100000 (hetomori) OR (Y) Tuestomos-name y lan-amount 2100000 Subquery Tustomer_name (Thom-amount 2100000 vi) (joints) I lear date (, Toustomer. austomer. id = Joan . customer - id (loan to customer) The con-date (Tuestoner austoner - id = loan customer - id

MID	union (v) Tuestomer_id=1 U loan_amount <=10000
viii)	
b)	SQL query Select drame forom Dogs WHERE
	SOL tome (solvet age from Dog whore and (solvet age from Dog whore age >5))
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σ	mid omd, did gaconumber mane Dags
	Roces) Hus hors

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a)
        It lolds good . since
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                  3 -) salman
                  4 -> Simoran
                 5 -> ROS han
                                         It doesn't lolde good
   Quartity - model
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          1 > Ferrari superfast
          polls-Royce Ghost -> prustka? It holds good
    Hodel > Name:
          Feoravi superfait > America
               BMD X7 -> Salman
                        -) simpar
           Rolls Royce Daw -> Roshan
   Hodel -) Quartity
           BUTH X7 ROOMS-Royce Ghost > 1 3 It would holds
Feorraria superfait > 1 900d
  Marie -> quartity
                            4 It holds good
          Jalman → 3
          simman > 4
          Roshan -> 5
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