

9.2 ~~Rid~~  $\rightarrow$  Title  $R_1(Rid, Title)$   
~~Title~~  $\rightarrow$  Subject  $R_2(Title, subject)$   
~~Rid~~  $\rightarrow$  ~~Aid~~  $R_3(Aid, Author)$   
~~Title~~  $\rightarrow$  Author  $R_4(Author, title)$   
~~Aid~~  $\rightarrow$  Author

10.1 Query  $\begin{cases} \text{cond} - \text{attr} = \text{value} - \text{Abcdef} - \\ \text{Where} \\ \text{Join-type} - \\ \text{from} \\ \text{select} \end{cases}$

10.2 D  $R_1(C, F), R_2(E, D)$

10.3 R can go into S

Select sid from Catalog

6.1 ~~Select from Catalog~~

Where  $R1.pid = R2.pid$  and  $R1.sid \neq R2.sid$   
and  $R1.price > R2.price$ ;

6.2 Select sid from Suppliers

~~where~~ Inner

Join PARTS p

on  $p.color = 'red'$

or

Supplier s

on  $s.address = 'Ruston City'$

8.1

8.2

9.1 ~~1~~ = lossy because  $sub_1(Name) = sub_2(Name)$   
2 = lossy because  $sub_1(Name) \neq sub_2(Name)$

Report

Author

9.2

Title	RID	Subject	AID	Name