- 6.1 Select s. SID, p. SID from CATALOGS, CATALOGS, CATALOGS, Where s. SID! = p. SID and s. pid = p. pid and s. price > p. price;
- G.2 Select * From (Select s. sid from SUPPLIER's where address LIKE

 1% Ruston City %') union (select c.sid from (ATALOG &

 Join Part p on c.pid = p.pid) where p. color = 'red');
- 8.1 SSN SName Saddress Hiscode His Name His city GPA priority

HScode: pd STUDENT, (HScode, Hsname, Hscity) Hscode: Hscode, nave, city

GPA: Pd STUDENT, (Hs code, SSN, Sname, Sadress, GPA, Priority)

SSN: Pd STUDENT, (SSN, Sname, Saddress) SSN: SNAM, Saddress, SSN

STUDENTZI (SSN, Sname, Saddress) SSN. STUDENTZI (SSN, Hacode, GPA, Priority)

STUPENTZZI (GPA, Priority) GPA+: GRA, Priority

STUDENTZZZ (GPA, SSN, HS Code)

STUDENT, (HScode, Hsname, Hsaddress)

STUDENTZ(SSN, Sname, Saddress)

STUDENT3 (GPA, priority)

STUDENT4 (GPA, SSN, Hscode)

3.2 Syntactic Checks: Malces sure the query has all required syntax

Entity checks: Checks that all referenced tables are valid

view expansion: parse trees are created for views and placed at their nodes

Attribute checks: checks that all referenced attributes are valid

Type checks: ensures all referenced attributes have to correct types

For their operations.

9.1 St Usubi USTUSubz = (CWID, Name, Subject, Location, Store) STU SUB, A STU SUBZ = CWID V STU SUB, A STU SUBZ & STUSUB, OF STUSUBZ X STU sub, USTU, whiz= (CWID, Name, Location, score) & STUDET X d) both 1 and 2 are lossy 9,2 RID Title AID Author Subject Report, (RID, Title, Subject) RID: pd Report, (RID, Title) Title: td Reportiz (Title, subject) A10: pd Report 2 (AID, Author) Report 3 (RID, AID) Report, (RID, Title) Reportz (title, Subject) Reports (AID, Author) Report 4 (RID, AID)