

enrolls (student-id, course_number, year, semester section num grade)

leaches (inst-id, course_number, year, semester section num)

presequisites (couse=numbu, presequisite_number)

A1.2 (a) (DURSE. Course_number SECTION. Course_number OURSE. Department PREREQUISITE. Course number PREREQUISITE, Course_number Set Course coursenanter as the number without (b) add a course identification number to each courses STUDENT remains COURSE (Course-id, Gourse-number, Credit-hours Department_id) DEPARTMENT (Department_it, name) SECTION (Section_Id Coruse_id, Semoster · [ear, Instrum) PREREQUISITE (Course-id Prerequisuria)

A1.3

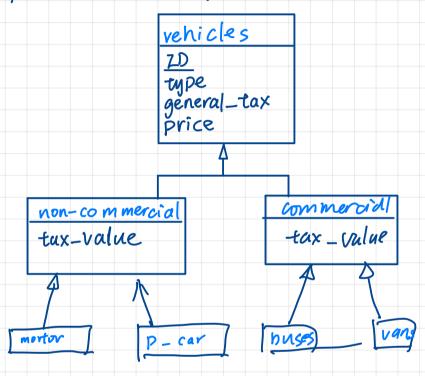
ASSUME: MotorEycle: non commercial

Passenger cars: noncommerzial

vans : commercial

Bus: commerced

Assume the company records the type, id, prize lax infor



A1.440 Frame, Nimit, Lname, Address (EMPLOYEE) Dno= Dnumber Dname="Research" (DEPARTM)
ENT 5, TPnumber, Lnume, Address, Bdate (OPIOCOLTION: "Sean ford" (PROJECT) Monum = Dnumber DEPARTMENT MAGRISSN = SSN EMPLOYEE 6, Mpnumber (& Iname: "Smith & (EMPLOYEE) MSm= NIgr_SSN (DEPART MENT) Mpnumber = Dyum (PRDJECT) UTPanumber (

France: "Smin (EMPLOYEE)

MSsn=Essn (WURK_OM)

7 TT Frame, Minit, Lname (ENNPLOYEE) - TI Frame, Minit, Lname (EMPLOYEE WSSN = ESSN DEPENDENT DEPARTMET Myrssn=Ssn EMPLOYEE DI SON = ESSA DE PENDENT PEM (EMPLOYEE) HEM, Super Son = Sison Ps (OFName = "James" 1 Lhame = "Borg" (EMPLOYEE

10. TEOSSA (PEO(EMPLOTEE) JE. Super_ssn = E, Ssn PE, (EMPLD PEE) XI En Super-isn = S. San PS (OFName = "James" 1 Lnane = "Borg" (
EMPLOYEE 2't 's impossible, Beceuse the queryis rescersive and which, 's not supported by RA

