3.4 (a) SELECT COUNT (Distant person, driver_id) From owns as 0 WHERE O. livense-plate in C SELECT Kense-plate FROM accident participated WHERE accident. report-number = participated-report-number AND actident year= 2017) 311 C SELECT dept-name, max (salary) as max-salary FROM instructor group by dept-name d WITH dept-max (dept-name/max-salary) as (SELECT dept-name (max (salary)) as man-salary FROM instructor Group by dept-name SELECT MM (max-salary) FROM Jept-max 3.12 a INSERT INTO course Course ids title, dept_name credits) VALVES C'CS-001', 'Weekly Seminar (Comp · Sci (O) b INSERT INTO section (course-id, sec-id) semester year) VALVES (CS-001, 1, Fall, 2017)

[INSERT INTO takes (ID, sourse -id, sec-td, sene SELECT ID.'CG-001', '|', 'fall', '2017' ster, year)

FROM Student WHERE dept name= 'Comp-Si'

DELETE FROM takes WHERE ID='12345'

AND (course-id sec-id, senester, year)=C'cs-001',

'|', 'Fall' (2017')

3,13 CREATE TABLE person C driver-12 int, name varchar (20) not mull address varchar C500 not null PRIMary Keyl driver -in/1)

CREATE TABLE COTC license-plate charce) model varcharcio) year int, PRIMARY-KEY Clivenge-plates) CREATE TABLE OCEIDENT C report number int, year int location varchar (50) PRIMARY_KEY Creport. number)); CREATE TABLE DWILS C driver-id int, license-plate char (8) PRIMARY-KEY Cdriver- Ids Hense-plate) FOREZGN _KEY (driver-id) references person POREIGN_ KEY Clicerser-plate) references car); CREACE TABLE participated G report-number int, license-plate char(8) driver-id Mt. danage-amount

Numeric (10,2), PRIMARY-KEY Creport-number, livence-plate), PDREIGN-KEY Creport-number) reference accident, FOREZGN-KEY Clivense-plate) references car FOREZ GN- KET. Cdriver-id) references person);

3,28 SELECT id, name PROM instructor as i

WHERE not exists (SELECT course-id From

Course WHERE dept-name=i-dept-name) Except

(SELECT course-id FROM teaches WHERE teachesid

=i,id) ORDER BY name ASC

4.3 a SELECT & FROM student WATURAL John takes
UNION

SELECT ID, name, dept.name, tot, cred, null, null, null, null, null

FROM student S

WHERE not exists CSELECT ID FROM takes
To WHERE Told = Spid)

- b (SELECT & FROM student NATURAL Joh tales)
 UNION
 - C SELECT IP, name, dept. name, tot_cred, nM null, null, null, null FROM student SI

WHERE not exists CSELECT ID FROM tales To WHERE Tivid= S. Id))

UNION

C SELECT ID, MM, MM, mM, course-id, sec-id, se

4.17 SELECT S.id FROM student S LEFT OUTER JOIN advisor a ON S.id = 9.5-id WHERE a.i-id IS NULL DR a.s.id IS NULL