a SELECT COUNT (DISTINCT P. driver_id) FROM person P JOIN OWS o ON P. driver-id = 0. driver-id JOIN participated part ON b. licence -plate = part. license-plate JOIN accident a ON part. report_number = a. report_number WHERE a yew = 2017 DELETE FROM participated WHERE L'conse plate IN(SELECT c. Ucen se- plate FROM car c JoZN DWMS o ON C. L'anse-plate = O. l'anse-plate WHERE C.yem = 2010 AND O. dr. ver. 2d = 123251 DELETE PROM onns WHERE driver-id = 12345 AND liconse- place IN(SELECT broase-plane FROM com WHERE yem = ZOLO 1: DELETE PROM com WHERE break-phobe IN SELECT andicense plate FROM oms o WHERE ordriver - UN = 123451

1 AND yen = 2010

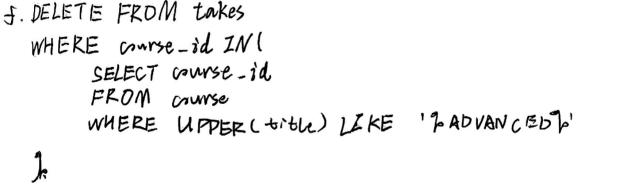
```
c. SELECT dept - name, MAX(salary) As mx - sulary
      FROM instructor
dy SECECT MIN(max_salony) As howert_mx_salony

FROM(

SELECT ---

---//MC

) AS--
      GROUP BY dept - nume
 3.12
    b. INSERT INTO section (course id, ser id, semester, year)
    VALUES ('OS -021', 11', Fal(1, 2017):
    C. INSERT INTO takes (ID, compse_id, sec_id, semester, you, grate)
      SELECT S.ID, YS-001, 41, Fall, 2017, Null
      FROM student &
       WHERE s.dept_name = ' Comp. si';
                                会拟文· section 中引用了 base-id
    C. DELETE FROM ause
                                   删除破坏数据序一致性
       WHERE connerad = 165-001
```





```
A. SELECT C. customer_ name
   FROM customen C
   WHERE NOT EXESTSC
        SELECT branch -name
        FROM brunch
        WHERE brunch_city = 'Brooklyn'
         AND branch-name NOT INC
                SELECT a. bunneh - name
                PROM account a, depositor d
                WHERE a.account-number = d.account_number
                 ANP d.10 = C.10
         )
     );
  C. SELECT
             bl. branch-name
      FROM
              branch 61
      WHERE
                b1. assets > ANY(
              SELECT branch to 1-ROM branch to 2
              WHERE bz. branch wity = Brooklyn1
       ):
                                                ID
```

3·30 如曾NULL值 Comnt会村接值 ID name... Salary 1 K1 900. 2 K2 850> 4·3·60

```
4.56 SELELT TO WILLOW
```

select student. X, Null As omise-td, Null As sec-i'd Null As semester Null As year, Null As grade

FROM student

WHERE student, ID NOT INC SELECT IP FROM takes

WHERE ID IS NOT NULL

)

UMON

SELECT NULL AS ID , NULL AS nume, NULL AS dept-rume,

NULL AS tot-cold, takes.comrse_id, takes, sec_id, takes.sec

takes.your. + mkes.grade

FROM talkes.

WHERE bubes. 20 NOT IN C

SELECT ID FROM, Student WHE RE ID IS NOT WALL.

4.18

SELECT e. ID

WHERE m. manager id IS NULL!

SELECT ID
FROM employee

WHEKE ID NOTIN(
SELECT ID
FROM manages
WHERE Managen

WHERE manager id IS NOT NULL

);

4.25 r, torz [SELECT L INSERT

外要性: 保证数据的完整与安全,否则可能有冲突

5.19 1.创建触发器:在5上创建一个触盆器,在时删除时能多

2. 生义解发器: 当触发刑除S中期是元组

eoin Delete fromv

WHERE BIDDA ENP;