No: 1306170114

Name: Enver Usta

Signature: A & A

1. SELECT Student.*

FROM student o

JOIN take t ON o. sid = t. sid

WHERE notu > SOME (SELECT grade

FROM take t1

JOIN course c ON £1. ders_kodu = c.ders_kodu

WHERE Godi = 'Veri Yapıları');

2. SELECT *

FROM teacher

WHERE tid in (

SELECT tid

FROM teach

WHERE ad m

SELECT ad

FROM course

WHERE title |= "Operating Systems"

AND title = Database Systems"

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Signature. A de A

3. SELECT sid, COUNT(sid), avg(grade)

FROM take

GROUP BY ad

MAVING ang (grade) > 50;

iliskisel Cebir: Tad, AVG (grade), COUNT (sid) (DAVG(grade) >50 (Yad, AVG (grade), COUNT (sid)) (bake)

CREATE TRIGGER course Court AFTER

INSERT OR DELETE OR UPDATE OF Ed ON teach
REFERRING OLD ROW AS O NEW ROW AS A BEGIN

IF (INSERTING OR UPDATING)

UPDATE teacher d

SET course Count = (

SELECT COUNT (x)
FROM teach t
WHERE tid = d.tid)

WHERE d.tid = n.tid;

IF (DELETING OR UPDATING)

LIPDATE teacher d SET courseCount = (

SELECT COUNT(*)
FROM teach t
WHERE t.did = d.did)

WHERE d did - o. did,

END

```
Nos 1306170114
Name: Enver Usta
Signature: A & A
```

LANGUAGE PIPASAL

```
6. CREATE FUNCTION
    dersnotOgr (ogr_no Arpument integer)
         RETURNS table (
              ders - kodul THEGET,
              adril varchar (30),
              notul integer
     AS $ my-stored-function$
     BEGIN
         RETURN QUERY
         SELECT ders-al. ders-kodu, ders-adi, ders-al. notu
         FROM ders-al
         JOIN ogrence ON ders_al.ogr-no = ogrence.ogr_no
         1011 ders ON ders- al. ders-kody = ders ders kody
         WHERE ogi-no = ogr-noArgument;
      ENDI
      #my-stored-function$
```

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Signature: ARA

4.

4.2. db. Student. aggregate ([{ #group": { -id: "#name", count: { #sum: []]]])

4.b. ab. Student. find (#and: [{ "courses.cid": 101},
{ "courses.grade": { #gt: 703}]])

tekimlik adi) tektono

bak ye Mikton

bak ye Mikton

fiklome - Saat

wiklownTL

mikton

hat

id bakiye

This bisel veritabing senoch:

misteri (tekimlik, adi, telefon-ne, bakye)
ysklene(tekimlikid, tarin, saat, mileta)

hat (1d, bolige)

garagme (telemble, id, ocret, dolibsoyisi)

sahip (telemble, id)