Q1) CREATE Table Students (Sil Varchyr(20) name Varchar(20) age INTEGER gpa Float Primary May (pill) CREATETRISCE Courses (Cirl Varcharzo deptile Varchar (15) 194 me Varchan (20) PRiman hen (cire) CREATE TAGGE proflesers (SSN INTEGR

CREATE TABLE professe

SSN INTEGR

NAME VACUUM (24);

address vacuum (34);

phore varioum (34);

phore varioum (34);

phore varioum (34);

phore varioum (15)

Primary May (85N)

1;

Creuke Tess & envelopent (

5, & Var Charley

Cid van Charley

Sedien Integer

Grade Charley

Armanghay (5:4, and)

Forigon May (5:4) Raf

Shuderts

Forigon May (cid) Ref

Censes

Farigon May (cid, Section)

Raf Generes);

Create fasele Teaches (

cil varchar (se)

Section (Neger

SSN (Neger

Primary May (cirl, section)

Faricyn May (cirl) Reformes

Shudents

Foriegn May (SSN) Ref profesors

2) SELECT name FROM preffesers WHERE depile 1819 3) SELECT 3.374 MOM students ASS INVER JOIN small and ASC ON 5.512 e e sice INNER JUW conses AS GON E. aid = c. aid: WHERE C. clepie = 'Cs'; 4) SELECT p.ssn p.name FROM prellesors AS PINNER JOIN Ecaches AS E ON P.SSN - GSSN INNIER JOIN WHERE p. deptil = -cs AND c. deptil <> cs'

SELECT COUNT (cirl)'

FROM'S Courses : ""

Grupsy deptili

6) SELECT degit FROM Courses Group By deptil Having CoynT (cill) > do; 1) SELECT Spulentinare FROM Students 5 DOIN, enrement e on e. sill = 5.812 JUIN Courses a on c. ailee. aid DOIN Gentres & on b. cirl = c. cirl JUAN proflesers p on p. 85N = 6.55N WHERE piname 21he Mg 6 rup By Students in use; 8) SELECT depil, and (sid) As small, cent (314) >= 30 and conf (3141 486 As Medings Cent (section) >- 80 As Large 1 FROM enrollment 15, Censes C WHIERE E. cirla Cuil GROUP 134 15. section, cici 9) SELECT pinare FROM melloses P, courses c, teches & WHERE pulpil = c. dustil GROUPBY pinane having cont (pinane) > Zer

30) SELECT (1. section, (1. grade; (Count. (to stack) * 100/ (SELECT Count (*) FROM enrollement WHEATE (1.5 mile in (12,15)) Scere from enrellment. Gd, courses & where Go. ail: back Grap by Ga. Section, forques 10) SELECT clishment sure FROM pollosers p, anotheringe WHERE grant mire Granpiso nane 12) SELECT Sou X (SELECT cont (50m) FROM Students WHERE SPAZ 3.3) (cont (good) 35pm FROM Students and the state of the state of the state of

and the state of t

13) SELECT e. cid, e. section FROM envolvent e GROUP BY e.city e. secting Having Cant (CASE WHEN E. STELLE IN(10', F) THEN 1 = ND) / count (x) > (SELECT AVG (fuilis) FROM (SELECT Count (case when e-since IN (1), "F) THEN 1 END)/ Comf (x) As Failing FROM envolumente GROUP BY Outly oseching) As Subgrey

14) SELECT Codeptiel, AVG (Student-court) ASSPS AV6 (Cage when example = 'A' then I else 0 (EN D) * 100/ AV6 (Stulent-aun) AS "/01", AVG (Case WHEN eigrane 13' Then s else O(ENI)) x seo/ AVG (84melat-cont) AV6 (case when e.grade c'c' Then I elge o (END) X das /AVG (Student-Court) B'7007) AV6 (Case when e-grade IN ('D') F) Then I elge (END) & doo / AVG (Student - certif) A 5 11 /2 Dar F 11. FROM courses c JUN bours & ON c. cite 6. cirl JOIN (SELECT CIL geef En COUNT (x) AS shotent conf FROM consument (5mp 13/ cill, section) As e cm Gul = e. Cil AND 1-s ection = e. section JOW proflesers p ON E.SSN = p-SSN Group BY c. deptice;