X 1   قارن بين أنواع

① • select ID, name
count (course-id, section-id, year,
semester) as Number of sections
from instructor natural left outer join
teaches
group by ID, name

② • select ID, name
(select count(*) as Number of sections
from teaches T where T.id = I.id)
from instructor I

X 9

ماجد حزين كمبيوتر

③ • select course_id , section_id , ID ,
name
decode (name , null , (_) , name)
from (section naturelleft outerjoin
teaches)
natural left outer join instructor
where semester = (spring) and
year = 2018

④ • select dept_name , count (ID)
from department naturelleft outer join
instructor
group by dept_name

تمارين في فيرش ستاتمنت   ×2

① select *

from section inner join classrom

using (building)

② select *

from section inner join classrom

on section.building = classrom.building

حارس قادسية

X3
③ Creat view student-GPAS
(names , GPAs) as
select name , grade
from student S , takes T
where S.ID = T.ID

X4
④ Create Role register
① grant register to Ahmed
grant register to khalid
grant register to Ali

تمارين اضافية

- grant all on takes to register

- grant select, update on student to register

- grant select on section to register

- revoke delete on takes from register

- grant select on instructor to register

- revoke register to Ali