Query!: List SSN of emp who work on a project in depty

Select essn

from works on

where Pro IA NOT IN

Where EXISTS

(Select Prumber from Project where Drum=4):

(Select * from Proj

where drum=4 and Pro=Prumber);

Query 2: Lest SSN of emp who do not work on any

proof in dep 4.

Salect SSN

Salect SSN

Salect SSN

From Emp

where NOT EXISTS

Calect * from works, Proof

where drum = 4 and Proo = Pnumber

and SSN = essn);

for i = 1 to nemp

for j = 1 to nemp

Salect SSN from Emp

where not exists

(Salect * from works

where ssn = essn and exists

(Salect * from Project

where dnum = 4 and Pno = Pnumber);

Query 3: List emp who work in all projects controlled by dept 4.

\$10,303

works-on

A: xi project

21

22

23

24

y2

y3

y3

print zi if \$ (y \ B s.t y \ Ai)

ALJA2 Jorg All

Select SSN

from Emp

where not exists

(Select ** from Project where Dnum = 4

and Pnumber NOT IN

(Select Pno from workson where essn = SSN);

Ai

print zi if \$ (yes and \$ yeAi)

from Emp
where not exists

(Select * from Project where Drum = y
and not exists

(Select * from works-on Ai
where essn= Ssn and pro = prumber));

what is the output when there are no projects in dept 4?

Ø Jon