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**Q1)**

create table employee

(

person\_name varchar2(40) not null,

street varchar2(40),

city varchar2(40)

);

create table company

(

company\_name varchar2(100) primary key,

city varchar2(100) not null

);

create table works

( company\_name varchar2(100),

salary decimal(7,2) ,

id number ,

FOREIGN KEY (ID) REFERENCES employee(ID) ,

FOREIGN KEY (company\_name) REFERENCES company(company\_name);

);

create table manages

(manager\_id number not null,

id number ,

FOREIGN KEY (ID) REFERENCES employee(ID)

);

**Q2)**

**A)** select ID

from depositor

where ID not in (select ID from borrower);

**B)**select ID

from customer

where customer\_street = (select customer\_street from customer where ID = '12345')

AND customer\_city = (select customer\_city from customer where ID = '12345');

**C)**select account.branch\_name

from account, depositor, customer

where account.account\_number = depositor.account\_number

AND depositor.ID = customer.ID

AND customer.customer\_city = 'Harrison';

**Q3)**

**A)**

select

day ,qty ,

sum(qty) over (order by day) as cumQty

from demand;

**B)**

select

product , day, qty,

ROW\_NUMBER() over (partition by product order by qty ASC) as RN

from

demand

where

ROW\_NUMBER() over (partition by product order by qty ASC) <= 2;