(1-a)

select S.name

from MovieStar as A, StarsIn as B

where S.movieTitle = 'Titanic'and S.starName = F.name and F.gender ='male';

(1-b)

select B.starName

from Movies as A , StarsIn as B

where A.year =1995 and A.studioName ='MGM' and B.movieTitle =A.title ;

(1-c)

select presc#

from Studio

where name ='MGM';

(1-d)

select  F.name

from Movies as A , Movies as B

where A.length > S.length and S.title ='Gone With the Wind';

(1-e)

select A.name

from MovieExec as A,MovieExec as B

where A.netWorth > B.netWorth and B.name ='Merv Griiffin';

(2-a)

select A.starName

from StarsIn as A , Movies as B

where (B.year =1980 or B.title like '%Love%') and B.title =A.movieTitle;

(2-b)

select name

from MovieExec

where netWorth > 10000000;

(2-c)

select name

from MovieStar

where gender ='male' or address like '%Malibu%';

(3-a)

(1)

select Model

from Printer

where Price >= all( select Price from Printer);

(2)

select Model

from Printer

where Price = (select Max(Price) from Printer);

(3-b)

(1)

with A(Model ,Price) as

((  select Model ,Price from Printer    )union(

    select  Model ,Price from PC        )union(

    select  Model ,Price from Laptop    ))

select Model

from A

where A.Price >= all(select Price from A);

(2)

with A(Model ,Price) as

((  select Model ,Price from Printer    )union(

    select  Model ,Price from PC        )union(

    select  Model ,Price from Laptop    ))

select Model

from A

where A.Price = (select Max(Price) from A);

(3-c)

(1)

select \*

from PC

where   PC.speed >= all(select speed from PC )

        and PC.ram <= all (select ram from PC);

(2)

select \*

from PC

where   PC.speed = (select Max(speed) from PC )

        and PC.ram = (select Max(ram) from PC);

(4-a)

select avg(speed)

from PC;

ANS=>2.25

(4-b)

with A(Price,Model) as

((select Price,Model from PC)

union (select Price,Model from Laptop))

select avg(Price)

from A

where A.Model in (

    select Model

    from Product

    where maker = 'D'

);

maker   |Model  | type  | Price

D       |1008   |PC     |770

D       |1009   |PC     |650        => avg= 730

D       |1010   |PC     |770

(5-a)

insert into Classes

values ('Italian Vittorio Veneto', 'bb', 'Italy', 9, 15, 41000);

insert into Ships

values

    ('Vittorio Veneto', 'Vittorio Veneto', 1940),

    ('Italia', 'Vittorio Veneto', 1940),

    ('Roma', 'Vittorio Veneto', 1942);

結果是Classes新增一個turple

在Ships中新增三艘船

(5-b)

Delete from Ships

where name in (select ship from Outcomes where result ='sunk')

結果是將在outcomes table中result = 'sunk'的船從Ships中刪掉