INFO 2415
Enterprise Database Systems
Lab 04

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1

```sql
Create View ReorderList As
Select ProductId, ReorderQuantity, VendorId
From Product
Where UnitsInStock < ReorderLevel and ReorderFlag = 'N';
```

2 and 3

```sql
--2
Select *
From ReorderList;


--3
update Product
set ReorderFlag = 'N'
where productid = 'ORP55';
```

4 and 5

```sql
--4
select fname||' '||lname
from myemployee
where sal = (select max(sal) from myemployee);

--5
select fname||' '||lname
from myemployee
where deptno = (select deptno from mydepartment where dname like 'Accounting');
```

6

```
--6
select fname||' '||lname
from myemployee
where deptno IN (select deptno from mydepartment);
```

7

```sql
select fname
from myemployee
where mgr NOT IN (select mgr from myemployee
where fname like 'M%' OR fname like 'J%')
```

8

```sql
select deptno, fname,sal
from myemployee e1
where sal =
    (select max(sal)
     from myemployee
     e2 where e1.deptno = e2.deptno)
order by 1;
```

9

```sql
select fname,sal, (select max(sal)
             from myemployee e1
             where e1.deptno = e2.deptno) AS "Highest"

from myemployee e2;
```

10

```sql
select sal
from myemployee
where(empno, hiredate) IN (select empno,hiredate
                          from myemployee
                          where fname = 'JOAN');
```

11

```sql
select *
from (select lname,sal
        from myemployee
        order by sal desc)
where rownum <=5;
```

12

```sql
SELECT FName||' '||LName AS Name
FROM myEmployee
WHERE Sal > (SELECT Sal
                FROM myEmployee
                WHERE EmpNo = 7902);
```

13

```sql
SELECT FName||' '||LName AS "Name", JobTitle, Sal
FROM myEmployee
WHERE Sal IN (SELECT MIN (Sal)
        FROM myEmployee);
```

14

```sql
SELECT FName||' '||LName as "NAME"
FROM myEmployee
WHERE DeptNo = (SELECT DeptNo
                FROM myDepartment
                 WHERE DName = 'Sales');
```

15

```sql
SELECT FName||' '||LName as "NAME", Sal, DeptNo
FROM myEmployee
WHERE EmpNo IN (SELECT EmpNo
               FROM myEmployee
                   WHERE (DeptNo, Sal) IN (SELECT DeptNo, MIN (Sal)
                                           FROM myEmployee
                                       GROUP BY DeptNo));
```

15

```sql
select deptno,fname,sal
from myemployee e1
where sal=(select min(sal) from myemployee e2 where e1.deptno=e2.deptno)
order by 1;
```

16

```sql
SELECT FName||' '||LName as "NAME"
FROM myEmployee
WHERE (JobTitle, DeptNo) = (SELECT JobTitle, DeptNo
                            FROM myEmployee
                            WHERE EmpNo = 7654);
```

17

```
CREATE ROLE HR_MANAGER;
```

18

```sql
GRANT INSERT ON myEmployee TO HR_MANAGER;
```