

1)

```
mysql> select JOB, ENAME
-> from EMP
-> where DEPTNO in
-> (select DEPTNO
-> from DEPT
-> where DNAME = 'RESEARCH');
```

JOB	ENAME
CLERK	SMITH
MANAGER	JONES
ANALYST	SCOTT
CLERK	ADAMS
ANALYST	FORD

5 rows in set (0.00 sec)

2)

```
mysql> select ENAME, DEPTNO
-> from EMP
-> where MGR in
-> (select MGR
-> from EMP
-> where ENAME = 'TURNER');
```

ENAME	DEPTNO
ALLEN	30
WARD	30
MARTIN	30
TURNER	30
JAMES	30

5 rows in set (0.00 sec)

3)

```
mysql> select ENAME, JOB, SAL
-> from EMP
-> where SAL in
-> (select SAL
-> from EMP
-> where ENAME = 'FORD')
-> and JOB in
-> (select JOB
-> from EMP
-> where ENAME = 'FORD')
-> order by ENAME;
```

ENAME	JOB	SAL
FORD	ANALYST	3000
SCOTT	ANALYST	3000

2 rows in set (0.00 sec)

4)

```
mysql> select NAME, TIME
-> from class
-> where NAME in
-> (select CLASS_NAME
-> from ENROLLMENT
-> where STUDENT_NUMBER in
-> (select SID
-> from STUDENT
-> where NAME = 'RYE'));
```

NAME	TIME
BA200	M-F9
BF410	MWF8
CS250	MWF12

3 rows in set (0.34 sec)

5)

```
mysql> select ENAME
-> from EMP
-> where MGR in
-> (select EMPNO
-> from EMP
-> where ENAME = 'FORD');
```

ENAME
SMITH

1 row in set (0.00 sec)

6)

```
mysql> select NAME
-> from STUDENT
-> where SID in
-> (select STUDENT_NUMBER
-> from ENROLLMENT
-> where CLASS_NAME in
-> (select NAME
-> from CLASS
-> where ROOM = 'SC110'))
-> order by NAME;
```

NAME
PARKS
RYE

2 rows in set (0.00 sec)

7)

```
mysql> select ENAME
-> from EMP
-> where JOB in
-> (select JOB
-> from EMP
-> where ENAME = 'BLAKE')
-> or SAL >=
-> (select SAL
-> from EMP
-> where ENAME = 'SCOTT');
```

ENAME
JONES
BLAKE
CLARK
SCOTT
KING
FORD

6 rows in set (0.00 sec)

8)

```
mysql> select ENAME, JOB
-> from EMP
-> where JOB in
-> (select JOB
-> from EMP
-> where ENAME = 'BLAKE');
```

ENAME	JOB
JONES	MANAGER
BLAKE	MANAGER
CLARK	MANAGER

3 rows in set (0.00 sec)

9)

```
mysql> select ENAME
-> from EMP
-> where JOB in
-> (select JOB
-> from EMP
-> where ENAME = 'BLAKE')
-> or SAL >=
-> (select SAL
-> from EMP
-> where ENAME = 'SCOTT');
```

ENAME
JONES
BLAKE
CLARK
SCOTT
KING
FORD

6 rows in set (0.00 sec)

10)

```
mysql> select NAME, Major
-> from STUDENT
-> where SID in
-> (select STUDENT_NUMBER
-> from ENROLLMENT
-> where CLASS_NAME in
-> (select NAME
-> from CLASS
-> where ROOM = 'SC213'))
-> order by NAME;
```

NAME	Major
BAKER	MATH
JONES	HISTORY
RYE	ACCOUNTING

3 rows in set (0.00 sec)