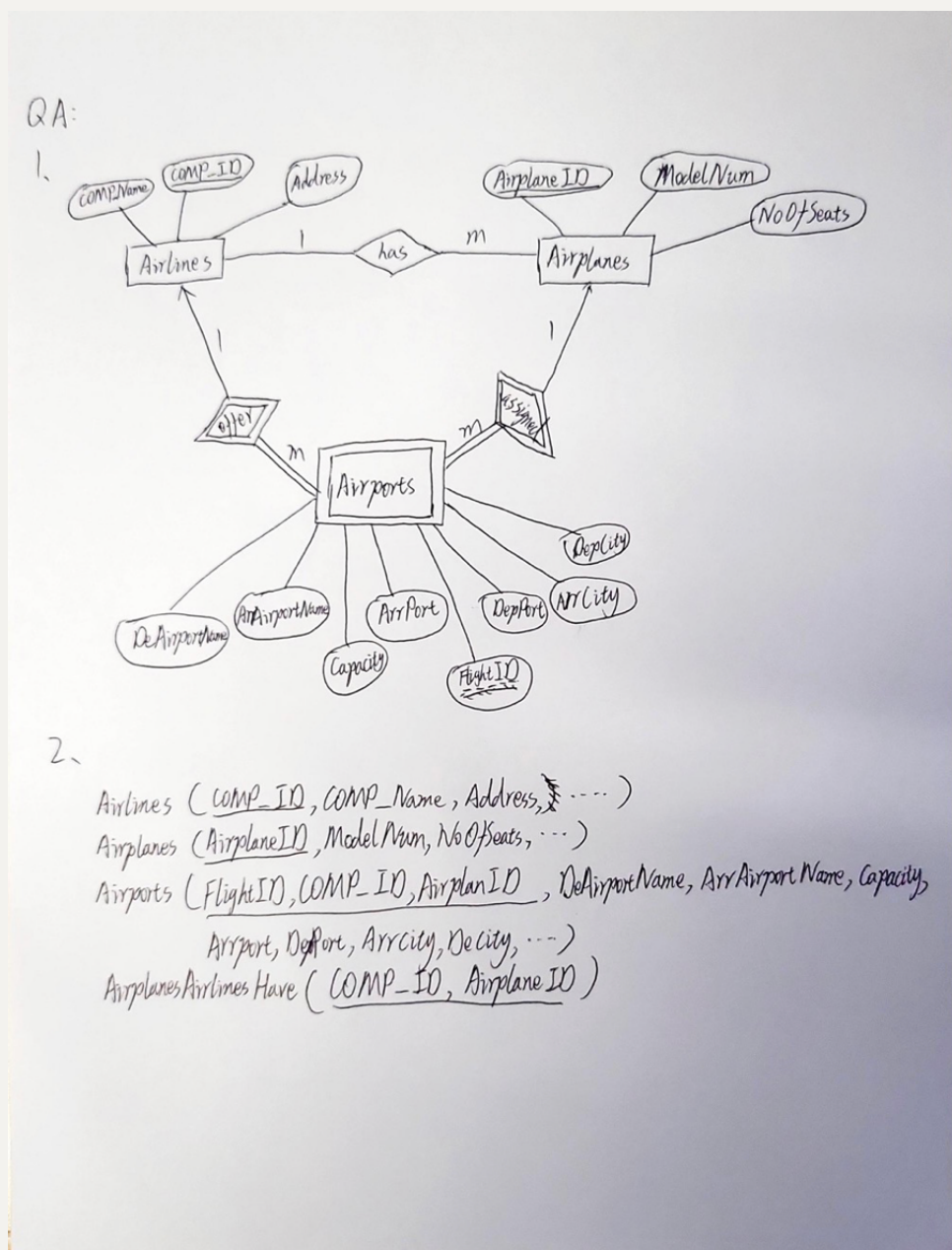


COMP 2411 Homework 1

JIANG Guanlin (21093962d)

Question A.



Question B.

1).

```
SELECT * FROM STAFF
WHERE GENDER = 'female' AND (SALARY < 5000 OR SALARY > 30000);
```

2).

```
SELECT * FROM STAFF
WHERE DEPARTMENT NOT IN ('ACCOUNTING', 'HISTORY');
```

3).

```
SELECT * FROM STUDENT
WHERE STUDENT_NAME LIKE '%JONES%'
ORDER BY GENDER, BIRTHDATE;
```

4).

```
SELECT * FROM COURSE
WHERE STAFF_ID = (
    SELECT STAFF_ID FROM STAFF
    WHERE STAFF_NAME = 'Raymond J. JOHNSON'
);
```

5).

```
SELECT STAFF_NAME FROM STAFF
WHERE SALARY > (
    SELECT SALARY FROM STAFF BOSS
    WHERE BOSS.STAFF_ID = STAFF.BOSS_ID
);
```

6).

```
SELECT * FROM STAFF
WHERE DEPARTMENT IN (
    SELECT DEPARTMENT FROM STAFF
    WHERE STAFF_NAME = 'Amy Dancer' OR STAFF_NAME = 'Jack Nelson'
);
```

7).

```
SELECT STAFF_NAME FROM STAFF
WHERE SALARY > ALL (
```

```
SELECT SALARY FROM STAFF
WHERE DEPARTMENT = 'ACCOUNTING'
);

8).
SELECT DEPARTMENT, AVG(SALARY) FROM STAFF
GROUP BY DEPARTMENT HAVING COUNT(*) > 3;
```