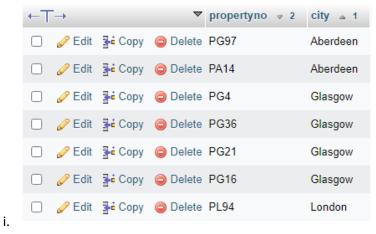
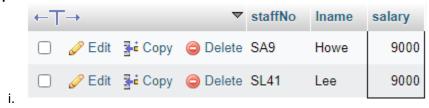
Assignment: DML

Download SQLAssignment.sql database from Blackboard and import the database to phpMyAdmin as a new database named "SQLAssignment". Write the SQL commands for the following queries and execute those in your machine. Also, show the output tables.

- List the property numbers and city of all properties that have been viewed. You need to
 eliminate duplicates from the list. Also, arrange the list by ascending order of city (alphabetic
 order), and within city, in descending order of property number (alphabetic order).
 [3 Points]
 - a. SQL Command:
 - i. SELECT DISTINCT propertyno
 FROM PropertyForRent
 Order By city ASC, propertyno DESC;
 - b. Output Table:



- 2. Assume, the salary column in staff table presents the annual salary of a staff. Now, list all staff with monthly salary less than 1000. In your list, show staff number, last name, and monthly salary. [2 Points]
 - a. SQL Command:
 - i. SELECT staffNo, lName, salary FROM staff WHERE salary/12 < 1000;
 - b. Output Table:



- 3. Find all clients with the string 'flintyrock' in their email address. In your list, show client number, last name, and email address. [1 Point]
 - a. SQL Command:
 - i. SELECT clientNo, Iname, email

FROM client WHERE email LIKE '%flintyrock%';

b. Output Table:



- 4. Find the total number of female staff in the Staff table. You need to name the output column as 'NumOfFemaleStaff'. [1 Point]
 - a. SQL Command:
 - i. SELECT COUNT(staffNo) as NumOfFemaleStaff FROM staff WHERE sex='F';
 - b. Output Table:

- 5. For each branch office with at least two members of staff, find the number of staff working in each branch and the average of their salaries. Your output table should have three columns: BranchNumber, MyCount, MyAverage. [2 Points]
 - a. SQL Command:
 - i. SELECT branchNo AS BranchNumber, COUNT(staffNo)>=2 as MyCount, AVG(salary) as MyAverage FROM staff GROUP BY branchNo HAVING count(staffNo) >= 2;
 - b. Output Table:

	BranchNumber	MyCount	MyAverage
i.	B003	1	18000.0000
	B005	1	19500.0000

- 6. Increase the number of rooms by 1 and rent by 10% of property PL94. Show your updated row. [1 Point]
 - a. SQL Command:
 - i. UPDATE PropertyForRent
 SET rooms = rooms + 1, rent = rent + (rent * 0.10)
 WHERE propertyno='PL94';
 - b. Output Table:

```
6 Argyll Street London NW2 Flat 6 484 CO87 SL41 B005 images/house3.jpg images/plan1.jpg
```