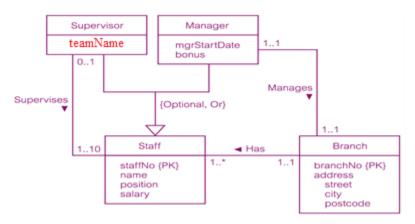
Section B: Write SQL statements based on the given schema below. 5 marks for questions.

Th	e following tables form part of a database held in a relational DBMS. Hotel (hotelName , hotelAddress) Room (roomNo , hotelNo, type, price) Booking (hotelNo , guestNo, dateFrom, dateTo, roomNo) Guest (guestNo , guestAddress)					
1.	List the price and type of all rooms at the Grosvenor Hotel.					
2.	List the number of rooms in each hotel in London.					
Section C: Answer the following questions.						
3.	Staff (staffNo, name, address, position, salary, branchNo, bAddress)					
	3.1. Explain why the given table is not in third normal form.					
	3.2. Transform the given table into third normal form. Indicate the primary key for each table.					

4. Derive relations from the following conceptual data model, indicate the primary keys and foreign key(s) as well. For each foreign key, state the relation it is associated with.

	_				_		
Doctor	writes >		Prescription				Patient
docID {PK}	11	0*	presNo {PK}		0*	11	patNo {PK}
name							name
speciality							phone
							DOB
			0*				
			▲ app	ears in			
			11		_		
	Drug						
			drugCode {PK}				
			name				
			price				

5. Answer questions based on the given enhanced Entity relationship Model. (16 marks)



- 5.1. Is it possible for a staff to be both a supervisor and a manager? Justify your answer.
- 5.2. Is it required that every entity instance in the Staff entity be associated with an entity instance in either the Supervisor or the Manager entity? Justify your answer.
- 5.3. List the attributes of a manager.