Lab 3

**In Oracle databases, each user has a user account which refers to the database schema for the specific user. Without permission, a user will not able to see tables or other objects in another database schema. However, if the owner of the table gives permission another user, then the relevant objects like tables will be visible to the relevant user. Here, I have given permission to all of you to access my three tables:**

**s(sno, sname, status, city)**

**p(pno, pname, colour, weight, city)**

**sp(sno, pno, qty)**

**s table refers to a table for supplier information, it contains information about supplier number, supplier name, supplier status and the city where the supplier locates. p table is a table for parts, it includes information such as part number , part name, part colour, part weight and the city where the part is stored. sp table records which supplier delivered which part and the quantity of the delivery.**

**You can access these tables by DOT notation:**

**ops$yyang00.s  
 ops$yyang00.p  
 ops$yyang00.sp**

**For example**

**select \* from ops$yyang00.s;**

**Task 1.**

**Examine the three tables, identify PKs and FKs. Then run the following query (s refers to supplier, p refers to part)**

**List the status and city for all s;**

**List all s which are located in London;**

**List the sno and status for s located in London;**

**List all p which are located in London;**

**List all p which are not located in London;**

**List all p with known weight;**

**List the number of s (how many s);**

**List the number of s in each city (how many s);**

**List the maximum weight of parts;**

**List the total quantity of p delivered by s1;**

**List pno for p supplied by more than one s;**

**List all colours of parts delivered by Obhi;**

**List the names of all known collocated suppliers and parts and their city;**

**According to the data provide in s and p, list all possible collocated suppliers and parts and their city;**

**In each city, find out the supplier name who located in that city and delivered the highest number of parts in each delivery;**

**List pair of suppliers located in the same city and have at least two deliveries with quantity equal or higher than 200.**