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CMP020L012A	Data Analytics	2022/23

Week-2
Lab Task-1 (DDL and DML Operations) Solution

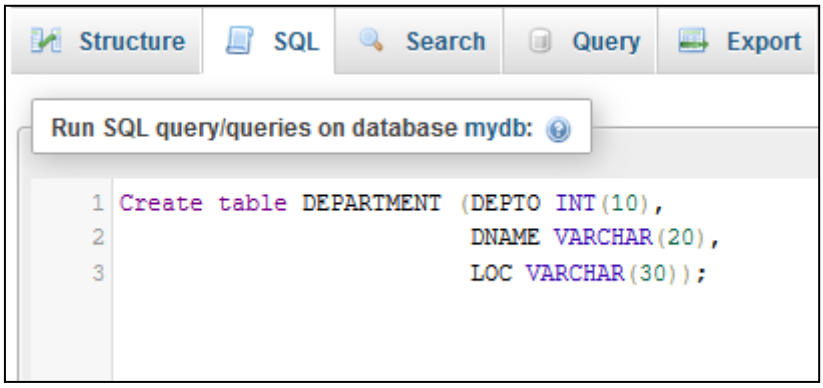
Department

DEPTNO	DNAME	LOC
10	ACCOUNTING	WANDSWORTH
20	RESEARCH	HOUNSLOW
30	SALES	CLAPHAM
40	OPERATIONS	HOUNSLOW

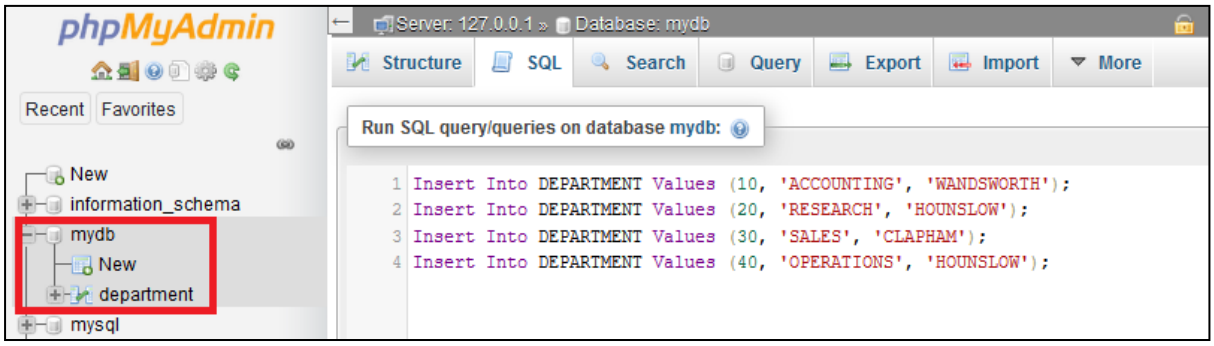
1. **Define table "Department" and populate the table with values (given as example) using SQL.**

   ANS:

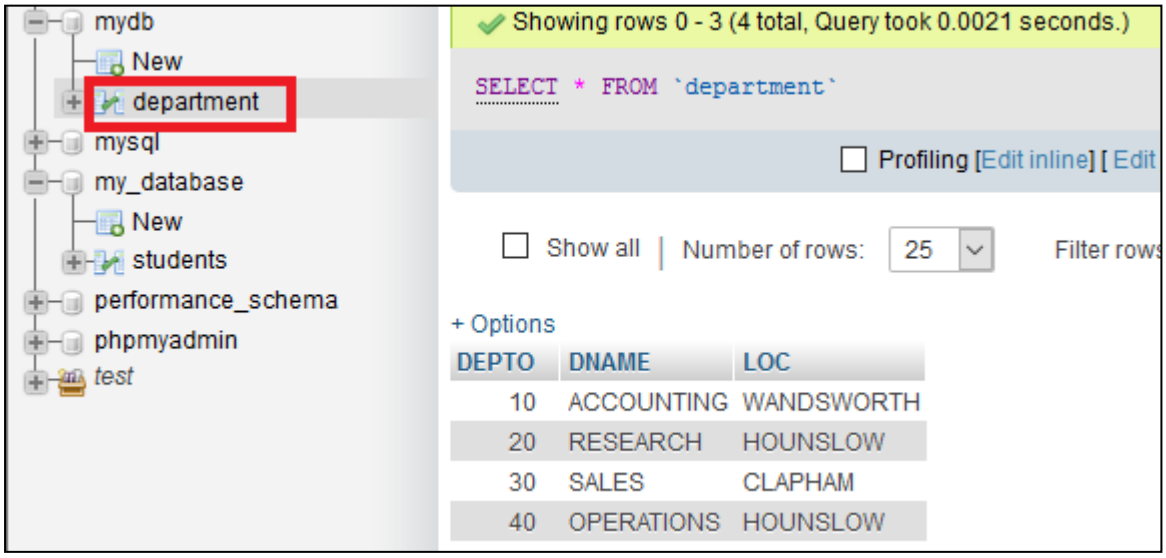
   Creating Department table:



Inserting values in the department table:

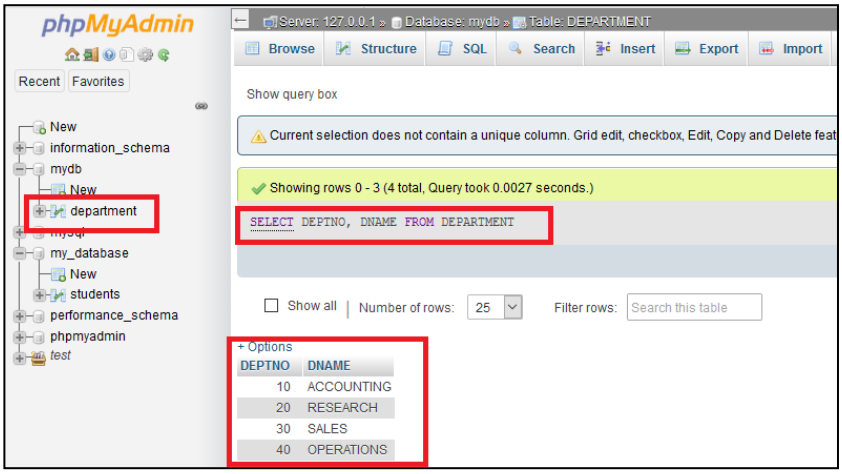


The table "Department":



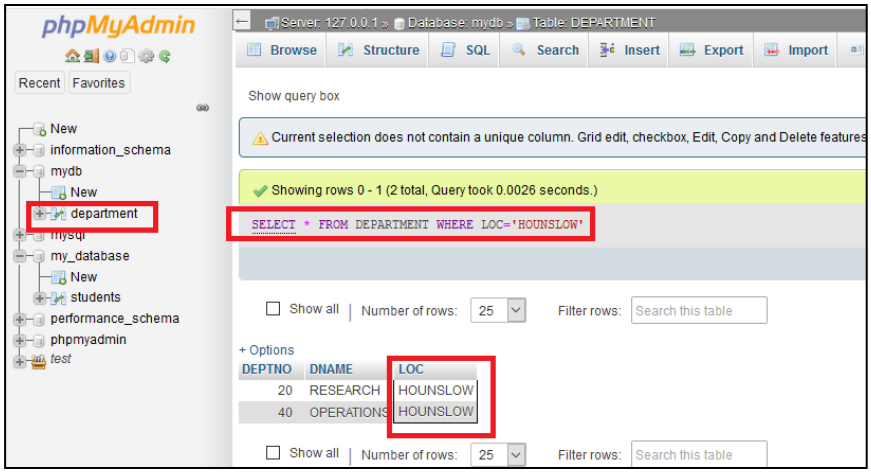
2. Find the Department numbers and department names from the table.

ANS:



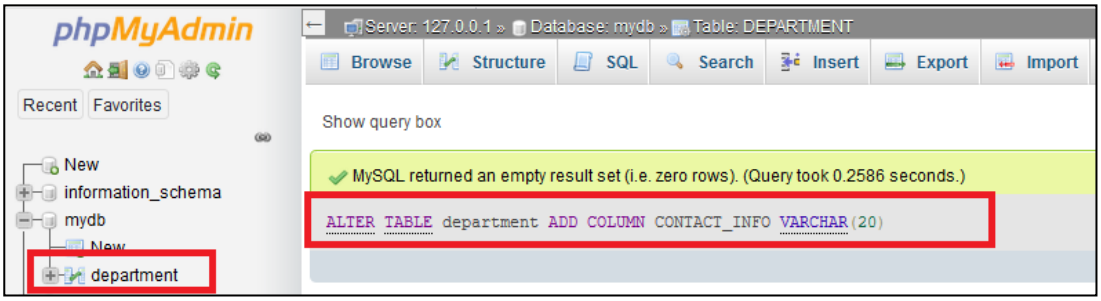
3. **Find all the details of the department which is in Hounslow.**

ANS:



4. **How can you add another attribute to the table to store the contact number of the departments?**

ANS:



5. **In this existing table "Department" you have to store contact numbers for each of the department.**

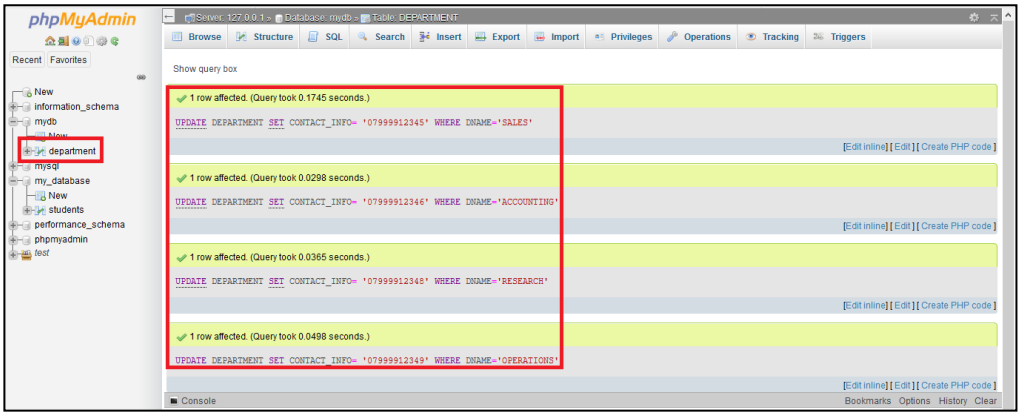
   Department of Sales: 07999912345

   Department of Accounting: 07999912346

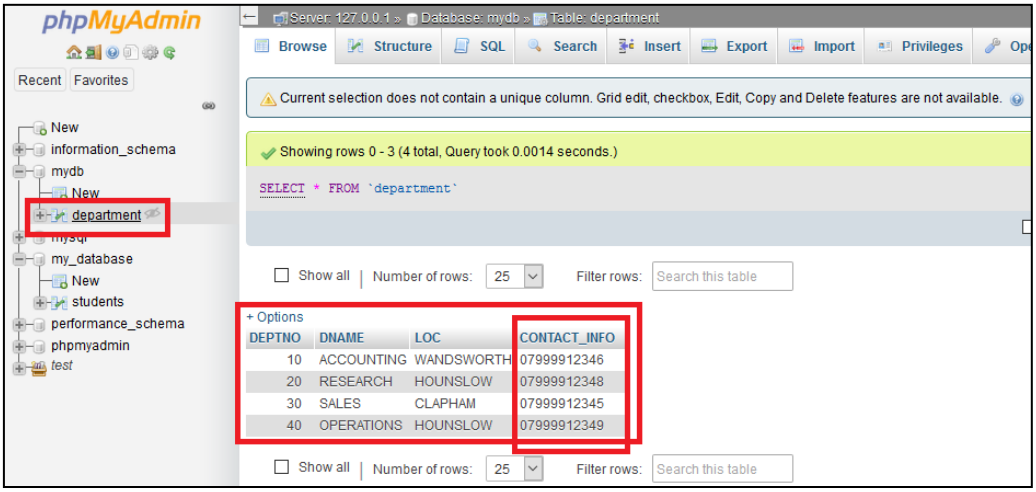
   Department of Research: 07999912348

   Department of Operations: 07999912349

ANS:

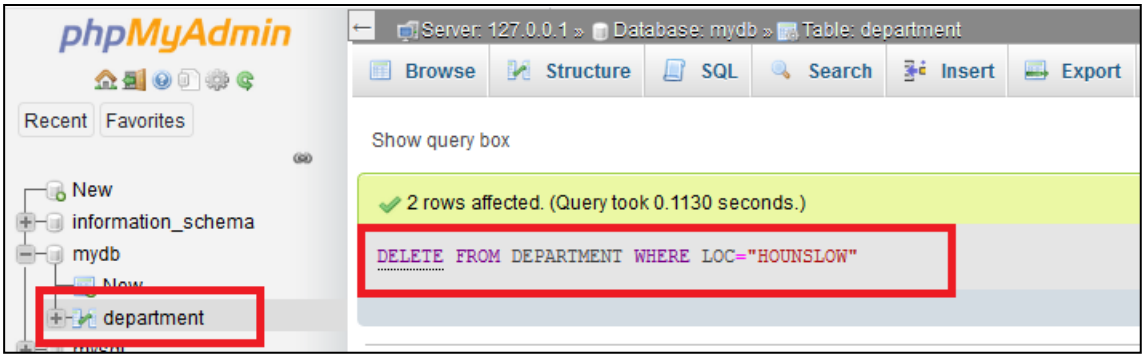


The update "Department" table looks like:

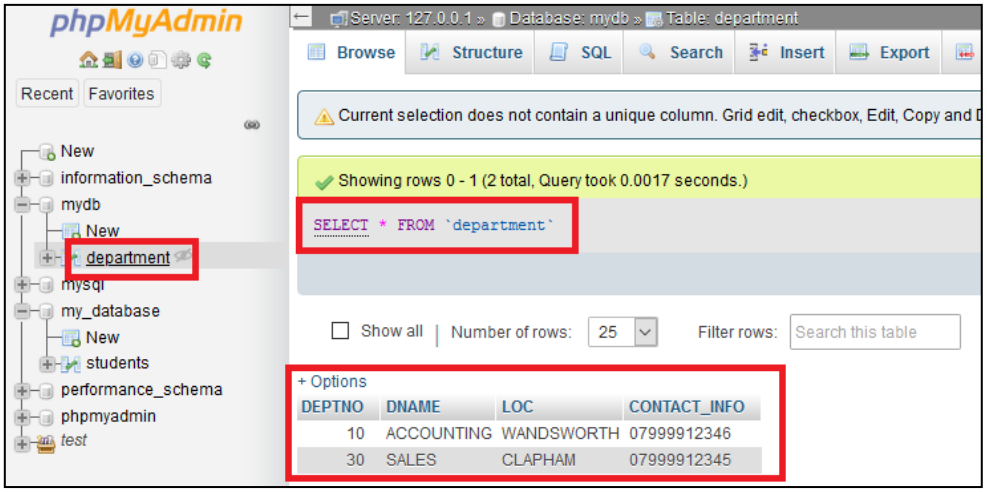


6. **Delete all the information of the department where the location is "Hounslow".**

ANS:

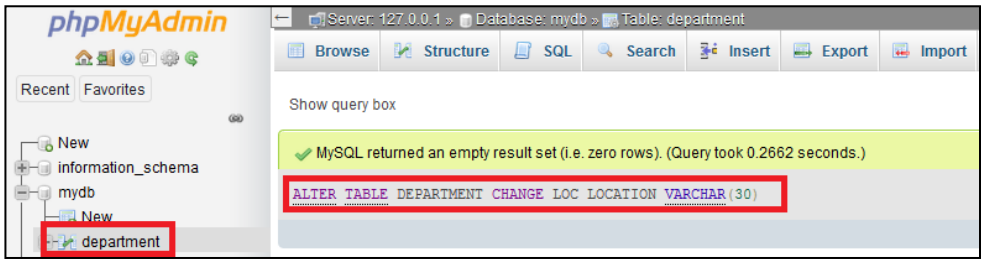
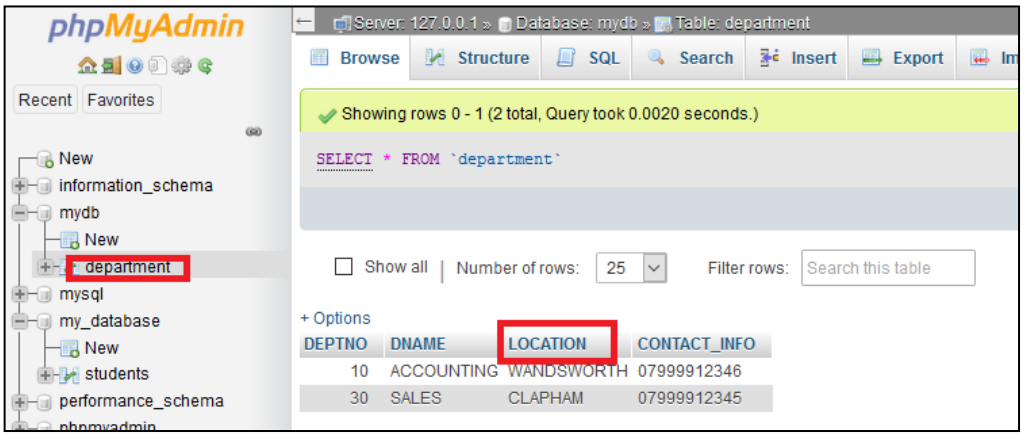


Finally, there is no data is there where the location of the department(s) was in Hounslow:



7. How can you change the attribute "LOC" to be presented as "LOCATIONS".

ANS:



The Department table after Alteration: