

**CSE302 (Section 02)**

**[Summer 2022]**

**Lab Assignment Submission Report**

**Assignment Title:Lab02**

**Submitted by:**

**Md.Abu Zafor**

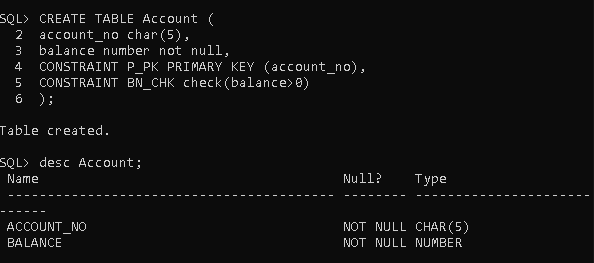
**Your Student ID**

**2020-2-60-158**

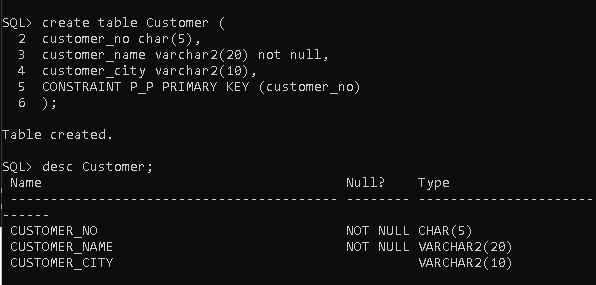
1. **Screenshots**

**Lab Task #01: (Schema Definition)**

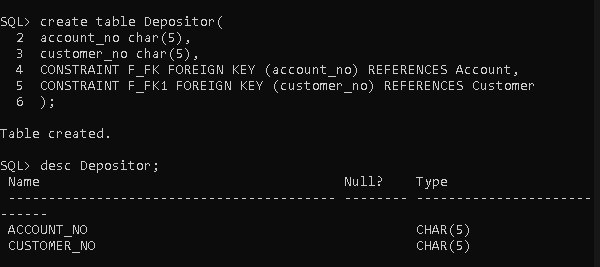
**1.Account Table**

**.**

1. **Customer Table**

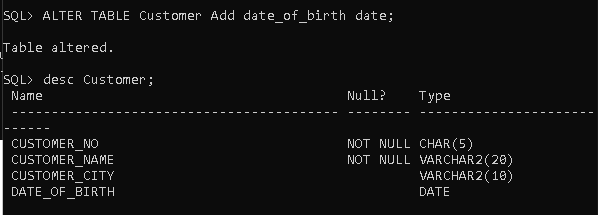


**3.Depositor Table:**

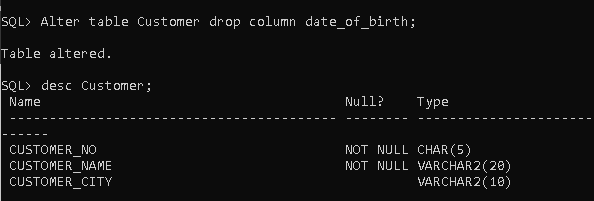


**Lab Task #02: (Schema Modification)**

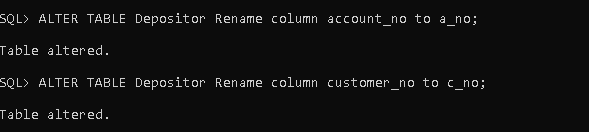
1. **Write SQL statement to add a new attribute ‘date\_of\_birth’ (date type) in customer table.**

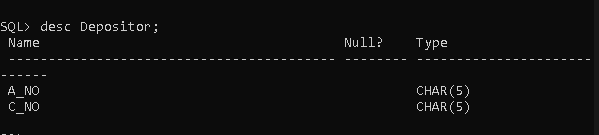


**ii. Write SQL statement to drop the attribute ‘date\_of\_birth’ from customer table.**



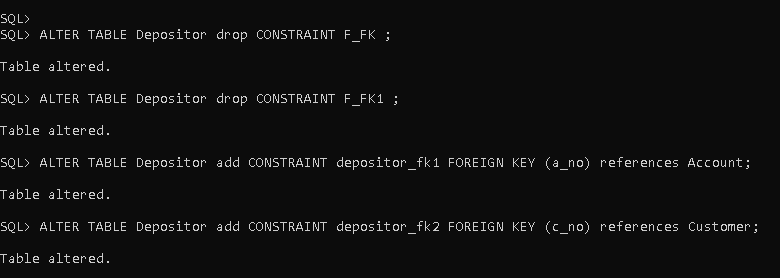
1. **Write SQL statement to rename the attribute account\_no, customer\_no from depositor table to a\_no and c\_no, respectively.**





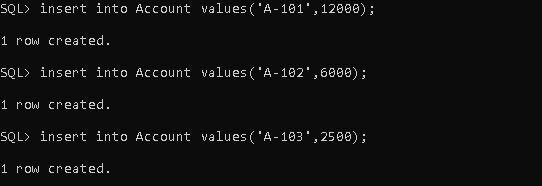
1. **Write SQL statements to add two foreign key constraints ‘depositor\_fk1’**

**and ‘depositor\_fk2’ which identifies a\_no and c\_no as a foreign key.**



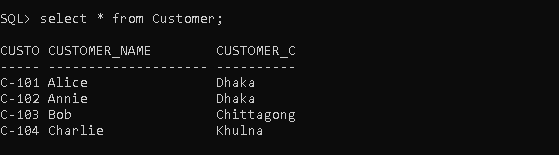
**Lab Task # 03 (Inserting Records into Tables):**

**Inserting value into Account table**





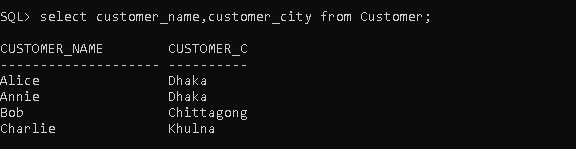
**Inserting value into Customer table**



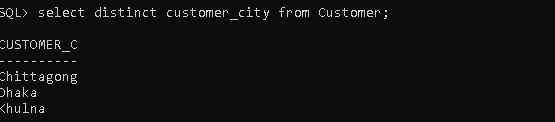
**Inserting value into Depositor table**



**Problem 1:**



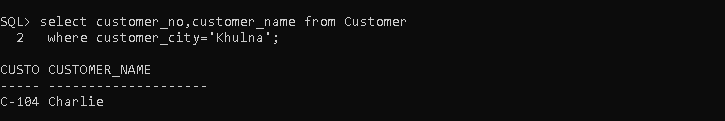
**Problem 2:**



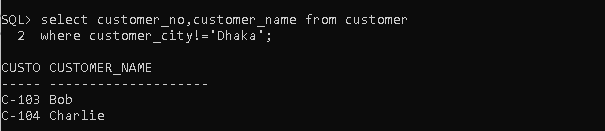
**Problem 3:**



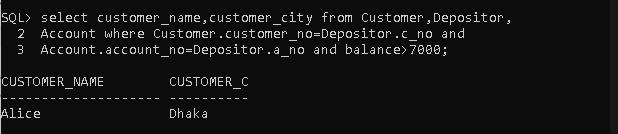
**Problem 4:**



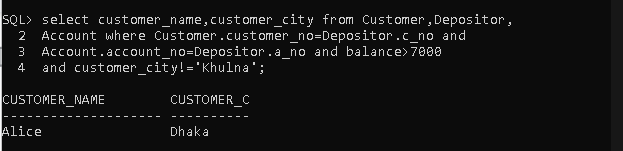
**Problem 5:**



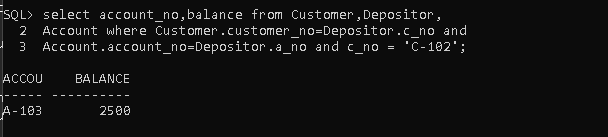
**Problem 6:**



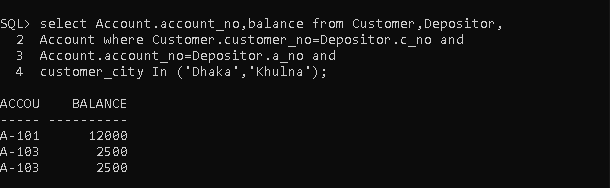
**Problem 7:**



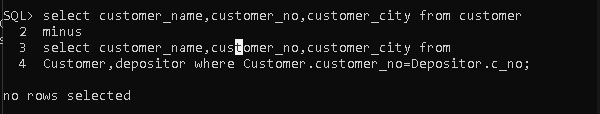
**Problem 8:**



**Problem 9:**



**Problem 10:**



1. **Learning Outcomes**

**My learning outcomes are given below of lab 02:**

**Schema Modification:**

1. **How to add a new attribute;**
2. **How to drop an attribute;**
3. **How to modify data type of an attribute;**
4. **How to rename an attribute;**
5. **How to rename a table;**
6. **How to add a new constraint into a table;**
7. **How to delete a constraint from a table;**
8. **How to check all constraints;**
9. **Learned about Cartesian product and natural join;**
10. **How to use natural join conditions.**