FINAL DATABASE LAB ASSIGNMENT

This task includes 3 questions . It has to be discussed within the last week in the term.

NOTICE: the discussion time will be announced soon by Eng.Inas

Use the spool command to capture the screen

QUESTIONS:

Q1:

Create new user "BANK" this user includes 2 tables. The first one represents the customer and the second represents the transaction. The customer has an account id which is unique for each one, first name , last name , address , mobile, id (national identity number), balance that can not be less than 100$, all the attributes are required to be filled. The transaction must be identified with from , to (the accounts id that made the transactions between from → to), the time stamp for the transaction , amount . When the customer is deleted all his transactions will be deleted as well.

HINT: check current_timestamp and timestamp sql type , Add the right privileges to BANK

Q2:

- Create new records in the tables mentions in Q1 4 customers and 3 transactions at least.
- Delete the second customer in your customer table using the account_id as key
- Create new index to facilitate the search method using the id column
- Search for any customer (as user input) using the id. *Hint :check the extra code file*
- Create a new view that shows the account_id , full name and the number of transactions made by this account.

Q3:

Use UNIV/1234 user to answer the following questions:

1- Show the title of courses that is taught in Fall, 2017 and the lecture hour and day for each section
2- Get the name and the course id for the courses a student takes but the instructor hasn't evaluated him yet
3- Get the number of students in each department
4- Increase the capacity for classroom by 2% if the capacity is more than or equal 70 either increase by 10%

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