**Bahria University, Lahore Campus**

Department of Computer Sciences

Lab Journal 03

**(Fall 2023)**

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| Course: | **Database Management System Lab** |  |
| Course Code: | CSL 220 | Max Marks: |
| Faculty’s Name: | Maryam Munawar | Lab Engineer: |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enroll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Objectives

* CREATE - to create objects in the database
* ALTER - alters the structure of the database
* DROP - delete objects from the database
* TRUNCATE - remove all records from a table, including all spaces allocated for the records are removed

**Task 1 3 Minutes**

1. Write a SQL statement to create a simple table countries including columns country\_id,country\_name and region\_id.
2. Write a SQL statement to create a table countries set a constraint NULL.
3. Write a SQL statement to create a table named Location including columns loc\_id, Loc\_title, min\_salary, max\_salary

**Task 2 3 Minutes**

1. Write a SQL statement to add column in the table countries to country\_new\_id
2. Add column location.
3. Write a SQL statement to add a column region\_id to the table locations
4. Write a SQL statement to add a columns ID in the table locations
5. Write a SQL statement to add a column region\_id after state\_province to the table locations

**Task 3 3 Minutes**

1. Write a SQL statement to drop the column city from the table locations
2. Delete Std\_current\_semester column from table
3. Drop column region\_id

**Task 4 3 Minutes**

1. Write a SQL statement to drop column ID from table Location
2. Write a query to delete all data from table location
3. Write a query to delete all data from table Country
4. Delete table Country
5. Delete table Location

**Lab Grading Sheet :**

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| --- | --- | --- | --- |
| **Task** | **Max Marks** | **Obtained Marks** | **Comments(*if any*)** |
| 1. | 3 |  |  |
| 2. | 3 |  |  |
| 3. | 3 |  |  |
| 4. | 3 |  |  |
| 5. | 3 |  |  |
| **Total** | **15** |  | **Signature** |

**Note : Attempt all tasks and get them checked by your Lab. Instructor**