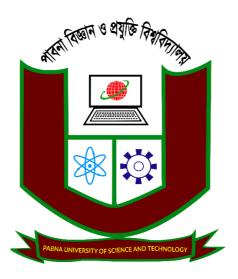
# PABNA UNIVERSITY OF SCIENCE AND TECHNOLOGY



# Faculty of Engineering and Technology

# Department of Information and Communication Engineering

# Lab Report

Course Title: Database Management Systems Sessional

Course Code: ICE-3106

# Submitted by

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Submission Date: 05-11-2023	Signature

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**Experiment Name:** Study and Implementation of DML Commands of SQL with Suitable (Insert, Delete, Update)

#### **Objectives:**

- i. To insert elements in a database
- ii. To delete elements in a database
- iii. To update element in a database

#### **Theory:**

Structured collection of data that is organized in a way that allows for efficient storage, retrieval, and manipulation of information. SQL (Structured Query Language) is a programming language used for managing and manipulating relational databases. In this experiment, focusing on Data Manipulation Language (DML) commands of SQL, which are used to interact with the data stored in the database. The three main DML commands, i.e., insertion, deletion, and updating of data in a database

The SQL statement INSERT INTO is used to insert new rows of data into a table in the database. Almost all the RDBMS provide this SQL query to add the records in database tables.

The syntax of INSERT INTO statement is

INSERT INTO TABLE\_NAME (column1, column2...columnN) VALUES (value1, value2...valueN);

The SQL statement insert new column the SQL query is

ALTER TABLE table name ADD column name datatype;

To delete a column in a table, use the following syntax (notice that some database systems don't allow deleting a column):

ALTER TABLE table\_name DROP COLUMN column\_name;

Delete a record from table

DELETE FROM table\_name WHERE condition;

To rename a column in a table, use the following syntax:

ALTER TABLE table\_name RENAME COLUMN old\_name to new\_name;

```
To update records in a table using SQL, you can use the UPDATE statement. Here's
the basic syntax:
UPDATE table_name SET column1 = value1, column2 = value2, ... WHERE
condition;
Example
UPDATE customers SET email = 'newemail@example.com'
WHERE customer_id = 5;
Code:
create database university
use university
create table department(
                     dept name varchar(20),
                     building varchar (15),
                     budget numeric(8,2),
                     primary key(dept name)
);
insert into department values('ICE', 'Engineering', 87000)
insert into department values('CSE', 'Engineering', 90000)
insert into department values('EEE', 'Science', 95000)
insert into department values('EECE', 'Science', 80000)
insert into department values('BANGLA','BANGLA',68000)
insert into department values ('ENGLISH', 'ENGLISH', 55000)
insert into department values('IE', 'ENGINEERING', 55000)
select * from department
--deleting
delete from department where dept name ='CSE'
select * from department
--update
update department set budget = budget + budget*1.05 where budget <90000
```

select \* from department

**Output:** After inserting the values the table is

	dept_name	building	budget
1	BANGLA	BANGLA	68000.00
2	CSE	Engineering	90000.00
3	EECE	Science	80000.00
4	EEE	Science	95000.00
,	ENGLISH	ENGLISH	55000.00
5	ICE	Engineering	87000.00
7	IE	Engineering	87000.00

# After deleting value the table is

	dept_name	building	budget
1	BANGLA	BANGLA	68000.00
2	CSE	Engineering	90000.00
3	EECE	Science	80000.00
4	EEE	Science	95000.00
5	ENGLISH	ENGLISH	55000.00
6	IE	Engineering	87000.00

# After updating the table is

	dept_name	building	budget
1	BANGLA	BANGLA	170000.00
2	CSE	Engineering	225000.00
3	EECE	Science	200000.00
4	EEE	Science	237500.00
5	ENGLISH	ENGLISH	137500.00
6	IE	Engineering	217500.00

**Experiment Name:** Study and Implementation of DDL Commands of SQL with Suitable. Example (Create, Alter, Drop)

# **Objectives:**

- (i) To study and implement how to create a table in a database
- (ii) To study and implement how to alter a table in database
- (iii) To study and implement how to drop a record or attribute

**Theory:** In a database the for implementing the DDL commands of SQL with suitable are given below.

#### (i) CREATE:

The CREATE command in SQL is used to create objects in a database. The primary object that is created using CREATE is a table, but it can also be used to create other objects like indexes, views, and databases (depending on the DBMS).

Examples

```
For creating a table
```

```
CREATE TABLE table_name (
    column1 datatype1 constraints,
    column2 datatype2 constraints,
    ...
);
```

For creating an index

CREATE INDEX index name ON table name (column name);

#### (i) ALTER:

The ALTER command is used to modify the structure of an existing database object. It can be used to add, modify, or drop columns, constraints, indexes, etc.

#### Examples:

(a)Adding a Column:

ALTER TABLE table name ADD column name datatype;

(b) Modifying a Column:

ALTER TABLE table\_name MODIFY column\_name new\_datatype;

This allows you to change the datatype of an existing column.

(c) Dropping a Column:

ALTER TABLE table name DROP COLUMN column name;

#### (iii) DROP:

The DROP command is used to remove objects from the database. Be cautious when using this command, as it permanently deletes data.

#### Examples:

Dropping a Table:

DROP TABLE table name;

This deletes an entire table from the database.

Dropping an Index:

DROP INDEX index name;

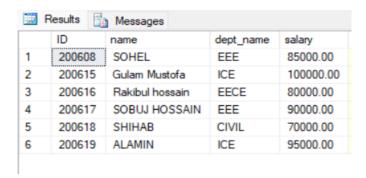
#### Code:

```
create database university
use university
create table instructor(
ID varchar(20),
name varchar(15) not null,
dept name varchar(15),
salary numeric(8,2),
primary key(ID));
insert into instructor(ID,name,dept_name,salary) values('200610','alamin','ICE','86000')
insert into instructor(ID,name,dept_name,salary) values('200611','Nirob','CSE','80000')
insert into instructor(ID,name,dept_name,salary) values('200601','Naima
Islam', 'EEE', '70000')
insert into instructor(ID,name,dept_name,salary) values('200622','Sajeeb
kumur', 'EECE', '90000')
insert into instructor(ID,name,dept name,salary) values('200605','Uamme
kulsum', 'CE', '95000')
insert into instructor(ID,name,dept_name,salary) values('200600','Gopal bhar','Arct','68000')
select * from instructor
alter table instructor add course id varchar(20)
```

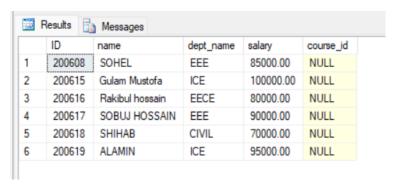
select \* from instructor drop table instructor select \* from instructor

# Output:

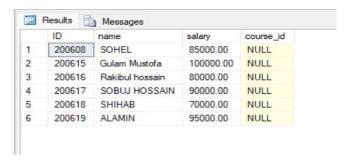
#### Create a table



#### Alter a table



#### Drop a column from table



Drop table: No table found

**Experiment Name:** Study and Implementation of DML Commands of (Select Clause, From Clause, Where Clause)

### **Objectives:**

- (i) To study and implement how select clause table in a database
- (ii) To study and implement how from clause table in a database
- (iii) To study and implement how where clause table in a database

#### **Theory:**

DML (Data Manipulation Language) commands: SELECT, FROM, and WHERE clauses in SQL.

(i) SELECT Clause:

The SELECT statement is used to retrieve data from a database. It is one of the most fundamental and frequently used commands in SQL.

SELECT column1, column2, ...FROM table name;

#### Example:

SELECT first\_name, last\_name FROM customers;

This query retrieves the first name and last name columns from the customers table.

(ii) FROM Clause:

The FROM clause specifies the source table or tables from which to retrieve data.

#### Syntax:

SELECT column1, column2, ...FROM table1, table2, ...;

#### (iii) WHERE Clause:

The WHERE clause is used to filter records based on a specified condition.

#### Syntax:

SELECT column1, column2, ...FROM table name WHERE condition;

#### Example:

SELECT \*FROM products WHERE category = 'Electronics' AND price > 500;

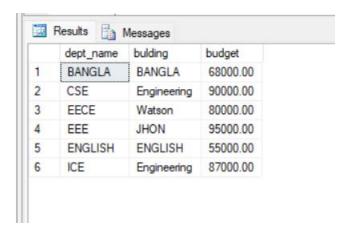
This query retrieves all columns from the products table where the category is 'Electronics' and the price is greater than 500.

#### Code:

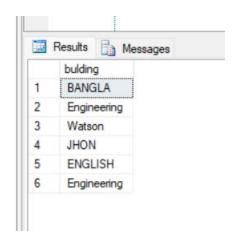
```
create database university
use university
create table insertvalue(
                   dept name varchar(15),
                   bulding varchar(15),
                   budget numeric(8,2)
                   primary key(dept name)
);
insert into insertvalue values('ICE', 'Engineering', 87000)
insert into insertvalue values('CSE','Engineering',90000)
insert into insertvalue values('EEE','JHON',95000)
insert into insertvalue values('EECE','Watson',80000)
insert into insertvalue values('BANGLA','BANGLA',68000)
insert into insertvalue values ('ENGLISH', 'ENGLISH', 55000)
select * from insertvalue
select dept name from insertvalue
select dept name from insertvalue where dept name = 'EECE'
```

# **Output:**

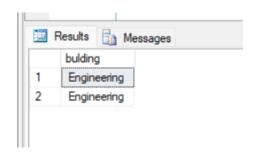
# Select clause



# From clause



### Where clause



**Experiment Name:** Study and Implementation of DML Commands of

- Group By & Having Clause
- Order By Clause
- Create View, Indexing & Procedure Clause

# **Objectives:**

- (i) To understand and implement the data definition language for using the Group by & Having Clause
- (ii) To understand and implement the data definition language for using the Order By clause
- (iii) To understand and implement the data definition language for using the Create View, Indexing & Procedure Clause

# Theory:

DML (Data Manipulation Language) commands in SQL.

Group By & Having Clause:

1. Group By Clause:

The GROUP BY clause is used to group rows with identical data into summary rows. It is often used with aggregate functions like COUNT, SUM, AVG, etc.

Syntax:

SELECT column1, aggregate\_function(column2)

FROM table\_name

GROUP BY column1;

column1: The column by which you want to group the data.

aggregate\_function(column2): An aggregate function applied to column2.

2. Having Clause:

The HAVING clause works like a WHERE clause but is used specifically with aggregate functions. It filters the results after they have been grouped.

Syntax:

SELECT column1, aggregate\_function(column2)

FROM table name

GROUP BY column1

HAVING condition;

condition: The condition that must be met for a group to be included in the result set.

3.Order By Clause:

The ORDER BY clause is used to sort the result set based on one or more columns.

SELECT column1, column2, ...

FROM table name

ORDER BY column1 [ASC | DESC], column2 [ASC | DESC], ...;

column1, column2, ...: The columns by which you want to sort.

ASC: Ascending order (default).

DESC: Descending order.

Create View, Indexing & Procedure:

(i). Create View:

A view is a virtual table that is based on the result of a SELECT query. It does not store the data itself, but it provides a way to represent complex queries in a simplified form.

Syntax:

CREATE VIEW view name AS

SELECT column1, column2, ...

FROM table\_name

WHERE condition;

(ii). Indexing:

Indexes are data structures that improve the speed of data retrieval operations on a table at the cost of additional storage and decreased performance on data modification operations (like INSERT, UPDATE, DELETE).

Syntax to Create an Index:

CREATE INDEX index name

ON table name (column1, column2, ...);

Syntax to Drop an Index:

DROP INDEX index name;

(iii). Procedure:

A stored procedure is a set of SQL statements that can be stored in a database and executed by calling the procedure. It helps in modularizing and reusing code.

Syntax to Create a Procedure:

CREATE PROCEDURE procedure\_name

AS

**BEGIN** 

-- SQL Statements

END;

Syntax to Execute a Procedure:

EXEC procedure name;

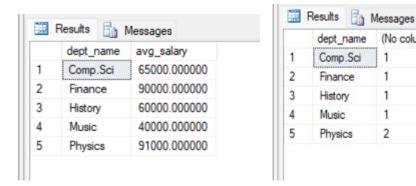
These DML commands provide advanced capabilities for querying and managing data in a database. Remember to replace column\_name, table\_name, and other placeholders with actual names from your database.

#### Code:

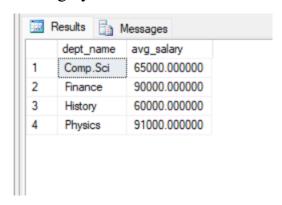
```
----create alter and drop
create database uinversity
use university
create table instructor(
       ID varchar(20),
       name varchar(20) not null,
       dept name varchar(20),
       salary numeric(8,2),
       primary key(ID)
);
insert into instructor values ('10101', 'Srinivasan', 'Comp. Sci', 65000);
insert into instructor values ('12121','Wu','Finance',90000);
insert into instructor values ('15151','Mozart','Music',40000);
insert into instructor values ('22222', 'Einstein', 'Physics', 95000);
insert into instructor values ('32343','EI Said','History',60000);
insert into instructor values ('33456', 'Gold', 'Physics', 87000);
select * from instructor
select dept name from instructor
--- group by
select name from instructor group by name;
select dept name, avg(salary) as avg salary from instructor group by dept name
select dept name,count(*) from instructor group by dept name
select * from instructor
---having clause
select dept name,avg(salary) as avg salary from instructor group by dept name having
avg(salary)>55000;
----order by clause
select * from instructor order by salary asc,name desc;
---view
create view faculty as
select ID,name,dept name from instructor
select * from instructor
----index
create index dept inx on instructor(dept name)
---procedure
create procedure instruct proc
AS
BEGIN
select name as authors name from instructor where ID = '15151'
exec instruct proc
```

# **Output:**

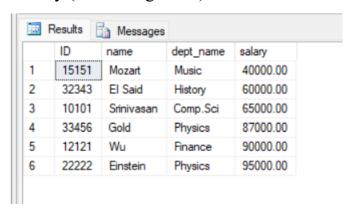
#### Group By Clause



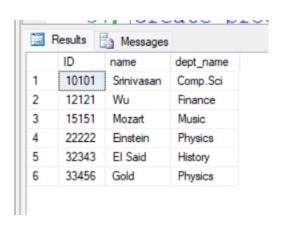
# Having by cluse:



# Order By (Ascending order)



### Create view as faculty:



(No column name)

1

1

1

2

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**Experiment Name:** Study and Implementation of SQL Commands of Join Operations with Example

□ Cartesian Product, Natural Join, □ Left Outer Join, □ Right Outer Join, □ Full Outer Join

# **Objectives:**

- (i)To understand and implement the Cartesian product, Natural join in a database
- (ii) To understand and implement the Left Outer Join ,□Right Outer Join in a database
- (iii) To understand and implement the Full Outer Join in a database

### Theory:

#### 1. Cartesian Product:

The Cartesian Product combines every row from the first table with every row from the second table. It results in a table with m x n rows (where m is the number of rows in the first table and n is the number of rows in the second table).

#### Syntax:

SELECT \* FROM table1 CROSS JOIN table2;

#### Example

Consider two tables A and B:

Table A:		Table B	:
ID Na	me	Course	Grade
1 Alio	ce	Math	A
2 Bol	0	Science	В

The Cartesian Product (A x B) will be:

ID Name Course Grade1 Alice Math A1 Alice Science B

- 2 Bob Math A
- 2 Bob Science B

#### 2. Natural Join:

A Natural Join combines two tables based on columns with the same name and data type. It eliminates duplicate columns, keeping only one instance of each column.

#### Syntax:

SELECT \* FROM table1 NATURAL JOIN table2;

#### Example:

Consider two tables A and B:

Table A:	Table B
ID Name Course	ID Grade
1 Alice Math	1 A
2 Bob Science	2 B

The Natural Join (A NATURAL JOIN B) will be:

ID Name Course Grade1 Alice Math A

2 Bob Science B

#### 3. Left Outer Join:

A Left Outer Join returns all the records from the left table (first table) and the matched records from the right table (second table). The result will contain NULL values for the columns from the right table where there is no match.

#### Syntax:

SELECT \* FROM table1

LEFT JOIN table 2 ON table 1.column = table 2.column;

#### 4. Right Outer Join:

A Right Outer Join is similar to a Left Outer Join, but it returns all the records from the right table and the matched records from the left table. The result will contain NULL values for the columns from the left table where there is no match

#### Syntax:

### SELECT \* FROM table1 RIGHT JOIN table2 ON table1.column = table2.column;

#### Example:

Consider two tables A and B:

Tab	le A:	Table	e B:
ID	Name	ID	Grade
1	Alice	1	A
2	Bob	2	В
3	Charlie		

The Left Outer Join (A LEFT JOIN B ON A.ID = B.ID) will be:

ID	Name	Grade
1	Alice	A
2	Bob	В
3	Charlie	NULL

The Right Outer Join (A RIGHT JOIN B ON A.ID = B.ID) will be:

#### 5. Full Outer Join:

A Full Outer Join returns all records when there is a match in either left or right table. It returns NULL values for unmatched columns on either side.

#### Syntax:

SELECT \* FROM table1 FULL JOIN table2 ON table1.column = table2.column;

#### Example

Consider two tables A and B:

Table A:	Table B:
ID Name	ID Grade
1 Alice	1 A
2 Bob	3 B

The Full Outer Join (A FULL JOIN B ON A.ID = B.ID) will be:

ID Name Grade

```
1
                       Alice
                                  Α
               2
                       Bob
                                 NULL
               NULL NULL
                                 B
Code:
use university
create table depart(
       dept name varchar(20),
                 bulding varchar(20),
                 budget numeric(8,2),
                 primary key(dept name)
);
insert into depart values('ICE','Watson','90000')
insert into depart values('CSE', 'Science', '85000')
insert into depart values('EEE', 'Engineering', '80000')
insert into depart values('CE','Engineering','68000')
insert into depart values('EECE','Science','55000')
insert into depart values('Arct', 'Painter', '95000')
create table instruct(
         ID varchar(20),
                        name varchar(15) not null,
                        dept name varchar(15),
                        salary numeric(8,2),
                        primary key(ID));
insert into instruct(ID,name,dept_name,salary) values('1012','sumu','ICE','1000')
insert into instruct(ID,name,dept_name,salary) values('3245','summuu','CSE','1001')
insert into instruct(ID,name,dept_name,salary) values('3865','raiyan','BANGLA','1002')
insert into instruct(ID,name,dept_name,salary) values('4755','RIYA','ENGLISH','1003')
insert into instruct(ID,name,dept_name,salary) values('6789','MAHI','PHYSICS','10004')
select * from depart
select * from instruct
```

---cartesian product

select bulding, salary from instruct, depart where depart.dept name = instruct.dept name;

----join product

select ID,name,budget from instruct join depart on depart.dept\_name = instruct.dept\_name;

---left outer join

select \* from instruct left outer join depart on depart.dept name=instruct.dept name;

---right outer join

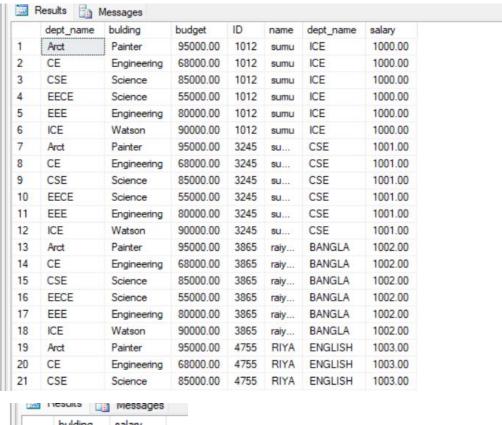
select \* from instruct right outer join depart on depart.dept name=instruct.dept name;

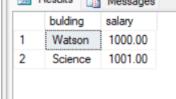
---full outer join

select \* from instruct full outer join depart on depart.dept name=instruct.dept name;

### Output:

#### ---cartesian product

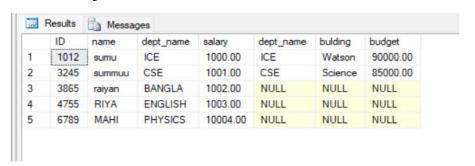




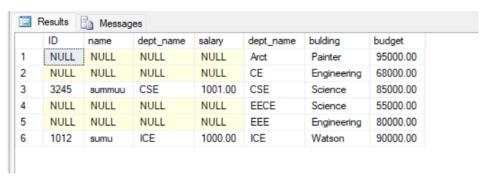
# ----join product



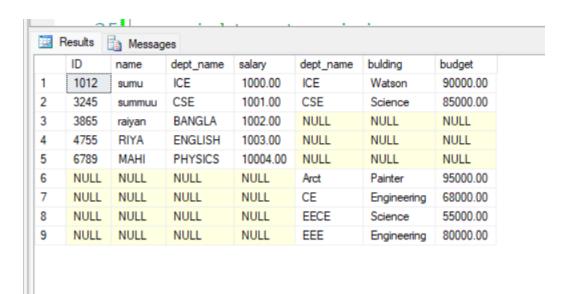
# ---left outer join



# ---right outer join



---full outer join



**Experiment Name:** Study and Implementation of Aggregate Function with Example (Count Function, Max Function, Min Function Avg Function)

# **Objectives:**

- (i) To understand the different issues in the design and implementation of a database system
- (ii) To apply and implement the Aggregate Function

**Theory:** SQL aggregation function is used to perform the calculations on multiple rows of a single column of a table. It returns a single value. It is also used to summarize the data. The five type of aggregation function is Count Function, Max Function ,Min Function Avg Function ,Sum

Function.

#### 1. COUNT Function:

The COUNT function is used to count the number of rows that meet a specified condition.

Syntax:

SELECT COUNT(column name) FROM table name WHERE condition;

#### 2. MAX Function:

The MAX function returns the highest value in a column.

Syntax:

SELECT MAX(column name) FROM table name WHERE condition;

Example:

Consider a table products:

ID Product\_Name Price
1 Laptop 1200
2 Smartphone 800
3 Tablet 500

SELECT MAX(Price) FROM products;

This will return:

MAX(Price)

1	2	0	0

3. MIN Function:

The MIN function returns the lowest value in a column.

Syntax:

SELECT MIN(column name) FROM table name WHERE condition;

Example:

Using the same products table:

SELECT MIN(Price) FROM products;

This will return:

MIN(Price)

500

4. AVG Function:

The AVG function calculates the average value of a column.

Syntax:

SELECT AVG(column name) FROM table name WHERE condition;

Example:

Using the same products table:

SELECT AVG(Price) FROM products;

This will return:

markdown

AVG(Price)

833.33

These aggregate functions are invaluable when you need to perform calculations on sets of data, such as finding totals, averages, maximum and minimum values, etc. They allow you to summarize and analyze your data effectively

#### Code:

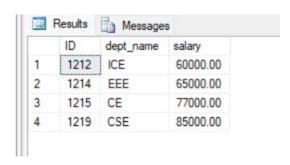
insert into instructorSalary values('1212','ICE','60000') insert into instructorSalary values('1215','CE','77000') insert into instructorSalary values('1219','CSE','85000') insert into instructorSalary values('1214','EEE','65000')

select \* from instructorSalary

select count(ID) as count\_ID from instructorSalary select max(salary) as max\_salary from instructorSalary select min(salary) as min\_salary from instructorSalary select avg(salary) as avg\_salary from instructorSalary select SUM(salary) as total salary from instructorSalary

#### **Output:**

#### --Table



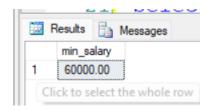
#### --count



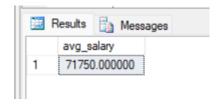
#### --max



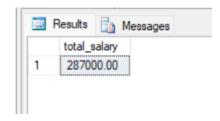
#### --min



#### --Avg



#### --sum



# **Experiment No: 07**

**Experiment Name:** Study and Implementation of Triggering System on Database Table Using SQL Commands with Example

# **Objectives:**

- (i) To understand and implement the triggering system on database table using sql
- (ii) To applying triggering on database.
- (iii) To understand how to access the data within the trigger

**Theory:** An SQL trigger is a database object that is associated with a table and automatically executes a set of SQL statements when a specific event occurs on that table. Triggers are used to enforce business rules, maintain data integrity, and automate certain actions within a database. They can be triggered by various events, such as inserting, updating, or deleting data in a table, and they allow you to perform additional operations based on those events

A triggering system in a database allows you to define actions that should be automatically executed when certain events occur on a table, such as inserting, updating, or deleting records. These actions are defined using triggers, which are blocks of SQL code associated with a specific event on a table.

# Syntax:

```
create trigger [trigger_name]
[before | after]
{insert | update | delete}
on [table_name]
[for each row]
[trigger_body]
```

Insert Trigger: When data is inserted into the original table, a trigger can automatically add the same data to a backup table. This ensures that a copy of the data is kept for future reference or recovery.

Delete Trigger: When data is deleted from the original table, a trigger can add the deleted data to a backup table. This is valuable for maintaining an audit trail or keeping a history of changes.

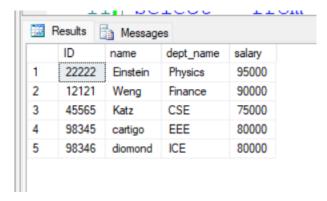
#### Code:

```
use University
create table instructor
(ID int, name nvarchar(50), dept_name nvarchar(50), salary int)
select * from instructor
insert into instructor values(22222, 'Einstein', 'Physics', 95000)
insert into instructor values(12121,'We','Finance',90000)
insert into instructor values(32343, 'El Said', 'History', 60000)
insert into instructor values(45565, 'Katz', 'CSE', 75000)
insert into instructor values(98345,'Kim','EEE',80000)
insert into instructor values(98346,'AL AMIN','ICE',80000)
select * from instructor
--create another table for update value keeping
create table backup ins
(ID int, name nvarchar(50), dept name nvarchar(50), salary int)
select * from backup ins
--create another table for deleted value keeping
create table backup del
(ID int, name nvarchar(50), dept_name nvarchar(50), salary int)
select * from backup del
--creating trrigger
create trigger ins trigger
on instructor
after insert
as begin
print'The tigger inserted successfully'
end
--update trigger
alter TRIGGER ins trigger
ON instructor
AFTER INSERT
AS
BEGIN
  INSERT INTO backup ins(ID, name, dept name, salary)
  SELECT ID, name, dept name, salary
  FROM inserted;
END;
--deleted tigger
create TRIGGER del trigger
ON instructor
AFTER DELETE
AS
BEGIN
  INSERT INTO backup del (ID, name, dept name, salary)
  SELECT ID, name, dept name, salary
  FROM deleted:
END;
DELETE FROM instructor WHERE ID = 32343;
```

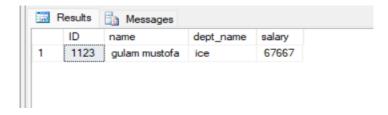
select \* from backup\_del

# Output:

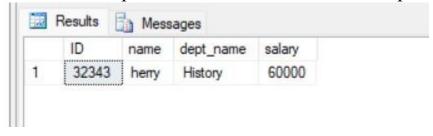
The orignal table instructor is



After inserting one element the inserted table



After deleted tuple from instructor table the backup table is



**Experiment Name:** Study and Implementation of SQL Commands to Connect MySQL Database with Java or PHP.

#### **Objectives:**

- 1.To study and implement the php and html form for inserting information to the database in local server xampp
- 2. To create a database in xampp Mysql and connect with php

**Theory:** PHP is a server-side scripting language commonly used for web development. It is particularly well-suited for database interactions. MySQL is a popular open-source relational database management system. Connecting PHP with MySQL allows web applications to dynamically interact with and manipulate data stored in a MySQL database

The objective is to learn and apply SQL commands for connecting a MySQL database with PHP. This involves creating an HTML form to input data, establishing a connection to a local XAMPP server with MySQL, and executing PHP scripts to insert information into the database. Additionally, the goal is to create a database within XAMPP's MySQL environment and establish a connection using PHP, facilitating the seamless interaction between web-based forms and the underlying database. This exercise aims to provide hands-on experience in setting up a functional database-driven web application locally.

#### Code:

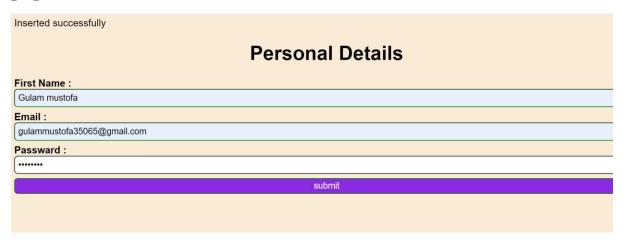
```
<?php
$base = mysqli connect('localhost', 'root', ", 'insert');
if(isset($ POST['submit'])){
  $name = $ POST['name'];
  $email = $ POST['email'];
  $password = $ POST['password'];
  $sql = "INSERT INTO insertform(name, email, password) VALUES ('$name', '$email',
'$password')";
  if(mysqli query($base, $sql)){
    echo "Inserted successfully";
  }
  else {
    echo "Insertion failed: " . mysqli_error($base); // Added error message for debugging
}
mysqli close($base); // Close the connection after use
?>
<!DOCTYPE html>
```

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>indert form</title>
  <style>
    body{
       background-color: antiquewhite;
       font-family: Arial, Helvetica, sans-serif;
    h1{
       text-align: center;
    label {
       font-weight: bold;
       margin-bottom: 5px;
    }
    input {
       width: 100%;
       padding: 8px;
       margin-bottom: 10px;
       border-radius: 8px;
       border-color: green;
    input[type="submit"] {
       background-color: blueviolet;
       color: white;
       cursor: pointer;
       padding: 5px 5px;
       margin: 0 auto;
       display: block;
  </style>
</head>
<body>
  <h1>Personal Details</h1>
  <form action="insert.php" method="POST">
    <label for="name">First Name : </label>
    <input type="text" id="name" name="name" placeholder="Enter your name"><br/>br>
    <label for="email">Email : </label>
    <input type="email" id="email" name="email" placeholder="Enter valid email "><br>
    <label for="passward">Passward : </label>
    <input type="password" id="password" name="password" placeholder="Enter 6 digit
password"><br>
```

```
<input type="submit" name="submit" value="submit">
</form>
</body>
</html>
```

# **Output:**

# php form



# Mysql database

