# **DBMS LAB 7**

	WYNTHER THE MIT WORLD PER MIT WORLD PER UNIVERSITY I TO
	PB-05_Kushagra Suryawanshi
	DBMS LAG 7
	Aim: Design and develope two ther client server application in JAVA & MYSQL.
	OBJECTIVE: To design client server application.
	THEORY: TAVA/MYSQL connectivity steps.
	Define the connection URL
	Establish the connection.
4.	create a statement object for sending squ stat 5
5.	Execute a query using the statement.
	Process the result.
	Input: Any database.
	Output: (scrunshot)
	Platform: Myson, Ediple IDE
•	tur application. We have learned to design two
	FAQ's.

```
iliant tier

iliant tier

late default post for myssph service is TCP 3306.

3. Enceute update method is used for insert update and delete queries. It returns the no. of rows affected by the enceution of the Sph statement.

Example: 1. string sql = "INSERT INTO stud Values ('Amilia', 20)', stat. enceutellydate (sql);

2. Iting sql = "UTDATE stud SET name = 'abo' WHERE name = 'Arkita'; stant. enceutellydate (sql);

3. string sql = "PELETE FROM stud WHERE name = 'abo'"; stant. enceutellydate (sql);
```

#### Code:

```
do
                      {
       System.out.println("\nMENU:\n1.INSERT\n2.SELECT\n3.UPDATE\n4.DELETE\n5.EXIT
\nEnter your choice: ");
                             ch=s.nextInt();
                             switch(ch) {
                             case 1:
                                     System.out.println("Enter the Guest No: ");
                                     int i=s.nextInt();
                                     System.out.println("Enter the Guest Name: ");
                                     String n=s.next();
                                     System.out.println("Enter the Guest Ph.no: ");
                                     int a=s.nextInt();
                                     String sql = "Insert into guest
values(""+i+"','"+n+"','"+a+"');";
                             sm.executeUpdate(sql);
                             System.out.println("\nRecord is Inserted!");
                             break;
                             case 2: String sql1 = "SELECT * FROM guest";
                             ResultSet rs = sm.executeQuery(sql1);
                             while(rs.next())
                             {
                                     int gno = rs.getInt("guest_no");
```

String gname1 =rs.getString("guest\_name");

System.out.print("\nGuest Name: " +gname1);

System.out.print("\nGuest Phone No.: " +gphno);

int gphno = rs.getInt("guest\_phn");

System.out.print("\n");

}

System.out.print("\nGuest No.: " +gno);

```
break;
                             case 3:
                                     System.out.println("\nEnter the Guest No. for which
you want to update name: ");
                                     int i1=s.nextInt();
                                     System.out.println("\nEnter the Guest Name to be
updated: ");
                                     String n1=s.next();
                                     String sql2 = "update guest set guest_name=""+n1+""
where guest_no=""+i1+"";";
                             sm.executeUpdate(sql2);
                             System.out.println("Record is updated");
                             break;
                             case 4:
                                     System.out.println("\nEnter the Guest No.: ");
                                     int i2=s.nextInt();
                                     String sql3 = "delete from guest where
guest_no='"+i2+"';";
                             sm.executeUpdate(sql3);
                             System.out.println("\nRecord is deleted");
                             break;
                             }
                             }while(ch<5);</pre>
                             con.close();
                      }
               catch(Exception e)
              {
                      e.printStackTrace();
              }
```

```
}
```

### **OUTPUT:**

Connected to the database

MENU:

1.INSERT

2.SELECT

3.UPDATE

4.DELETE

5.EXIT

Enter your choice:

2

Guest No.: 1

Guest Name: Kush

Guest Phone No.: 7028

Guest No.: 2

Guest Name: Kshati

Guest Phone No.: 7057

Guest No.: 3

**Guest Name: DBMS** 

Guest Phone No.: 1234

MENU:
1.INSERT
2.SELECT
3.UPDATE
4.DELETE
5.EXIT
Enter your choice:
1
Enter the Guest No:
4
Enter the Guest Name:
Tony
Enter the Guest Ph.no:
2024
Record is Inserted!
MENU:
1.INSERT
2.SELECT
3.UPDATE
4.DELETE
5.EXIT
Enter your choice:
3
Enter the Guest No. for which you want to update name:
4
Enter the Guest Name to be updated:

Tony

## Record is updated

Record is deleted

MENU:
1.INSERT
2.SELECT
3.UPDATE
4.DELETE
5.EXIT
Enter your choice:
3
Enter the Guest No. for which you want to update name:
4
Enter the Guest Name to be updated:
Steve
Record is updated
MENU:
1.INSERT
2.SELECT
3.UPDATE
4.DELETE
5.EXIT
Enter your choice:
4
Enter the Guest No.:
4

### MENU:

- 1.INSERT
- 2.SELECT
- 3.UPDATE
- 4.DELETE
- 5.EXIT

Enter your choice:

5



