

JAVA PROJECT

MUNISH PATWA BATCH33

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DOCUMENTATION

Code –

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.*;
import javax.lang.model.util.ElementScanner14;

public class Create_DB
{
    static final String DB_URL="jdbc:mysql://localhost:3306/";
    static final String USER = "root";
    static final String PASS = "Mun20ish03@";
    public static void main(String[] args)
    {
        int ch;
        Scanner cin = new Scanner(System.in);
        try(Connection conn = DriverManager.getConnection(DB_URL, USER, PASS);
            Statement stat = conn.createStatement();)
```

```

{
    String sql1 ="USE javaproj";
    stat.execute(sql1);

    while(true)
    {
        System.out.println(" 1 FOR INSERT DATA ");
        System.out.println(" 2 FOR UPDATING EMPLOYEE DETAILS ");
        System.out.println(" 3 FOR SEEING EMPLOYEE TABLE");
        System.out.println(" 4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION ");
        System.out.println(" 5 FOR DELETING RECORD ");
        System.out.println(" 6 FOR EXIT ");
        ch=cin.nextInt();
        if(ch==1)
        {
            System.out.println("ENTER Name ");
            String E_Name = cin.next();
            System.out.println("ENTER DOB ");
            String DOB = cin.next();
            System.out.println("ENTER DEPARTMENT ");
            String Department = cin.next();
            System.out.println("ENTER ADDRESS");
            String Address = cin.next();
            System.out.println("ENTER DATEJOIN");
            String DATE_JOIN = cin.next();
            System.out.println("CCC+ Exam Details");
            int CCC = cin.nextInt();
            System.out.println("ENTER HINDI EXAM DEETAILS");
            int Hindi = cin.nextInt();
            System.out.println("ENTER Appraisal Details");
            int apprais = cin.nextInt();
            String sql2 = " insert into employee
(E_name,DOB,Department,Address,DATE_JOIN,CCC_Exam,Hindi_Exam,Performance_app)
values("+E_Name+", "+DOB+", "+Department+", "+Address+", "+DATE_JOIN+", "+CCC+", "+H
indi+", "+apprais+")";
            stat.execute(sql2);
        }
        else if(ch==2)
        {
            int cho;
            System.out.println("ENTER 1 TO CHANGE Department");
            System.out.println("ENTER 2 TO CHANGE ADDRESS");
            cho = cin.nextInt();
            if(cho==1)
            {
                System.out.println("ENTER E_ID ON WHICH CHANGE IS
NEEDED");

                int eid=cin.nextInt();

```

```

        System.out.println("Enter NEW Department");
        String newdep = cin.next();
        String depquer="UPDATE employee SET
Department="+newdep+"WHERE E_ID="+eid;
        stat.execute(depquer);
    }
    else if(cho==2)
    {
        System.out.println("ENTER E_ID ON WHICH CHANGE IS
NEEDED");

        int eid=cin.nextInt();
        System.out.println("Enter New Address");
        String newadd = cin.next();
        String addquer = "UPDATE employee SET
Address="+newadd+"WHERE E_ID="+eid;
        stat.execute(addquer);
    }
}
else if(ch==3)
{
    String selemp = "SELECT * FROM employee";
    ResultSet result = stat.executeQuery(selemp);
    while(result.next())
    {
        String empdata = "";
        for(int i=1;i<=9;i++)
        {
            empdata+=result.getString(i)+ ":";
        }
        System.out.println(empdata);
    }
}
else if(ch==4)
{
    String quersort = "call sortemp()";
    stat.execute(quersort);
    String quer3 = "SELECT DISTINCT E_ID,E_Name FROM
promotion";

    ResultSet result = stat.executeQuery(quer3);
    while(result.next())
    {
        String promdata = "";
        for(int i=1;i<=2;i++)
        {
            promdata+=result.getString(i)+ ":";
        }
        System.out.println(promdata);
    }
}

```

```

    }
    else if(ch==5)
    {
        System.out.println("ENTER E_ID");
        int eid = cin.nextInt();
        String delquer1 = "DELETE FROM employee WHERE E_ID="+eid;
        String delquer2 = "DELETE FROM promotion WHERE E_ID="+eid;
        stat.execute(delquer2);
        stat.execute(delquer1);
    }
    else if(ch==6)
    {
        break;
    }
    else
    {
        System.out.println("Enter Correct Choice");
    }
}
}
catch(SQLException e)
{
    e.printStackTrace();
}
}
}

```

OUTPUT -

```
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
```

```
1
```

```
ENTER Name
```

```
'Aum'
```

```
ENTER DOB
```

```
'2022-11-11'
```

```
ENTER DEPARTMENT
```

```
'HR'
```

```
ENTER ADDRESS
```

```
'Gujarat'
```

```
ENTER DATEJOIN
```

```
'2022-12-12'
```

```
CCC+ Exam Details
```

```
90
```

```
ENTER HINDI EXAM DEETAILS
```

```
90
```

```
ENTER Appraisal Details
```

```
90
```

```
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
```

```
3
```

```
2:Munish:2003-04-14:Sales:A Ahmedabad:2022-11-27:90:90:90:
```

```
3:Aum:2022-11-11:HR:Gujarat:2022-12-12:90:90:90:
```

```
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
2
ENTER 1 TO CHANGE Department
ENTER 2 TO CHANGE ADDRESS
1
ENTER E_ID ON WHICH CHANGE IS NEEDED
3
Enter NEW Department
'Management'
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
3
2:Munish:2003-04-14:Sales:Ahmedabad:2022-11-27:90:90:90:
3:Aum:2022-11-11:Management:Gujarat:2022-12-12:90:90:90:
```

```
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
4
2:Munish:
3:Aum:
```

```
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
5
ENTER E_ID
3
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
4
2:Munish:
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
3
2:Munish:2003-04-14:Sales:Ahmedabad:2022-11-27:90:90:90:
```

```
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
7
Enter Correct Choice
1 FOR INSERT DATA
2 FOR UPDATING EMPLOYEE DETAILS
3 FOR SEEING EMPLOYEE TABLE
4 FOR EMPLOYEE ELIGIBLE FOR PROMOTION
5 FOR DELETING RECORD
6 FOR EXIT
6
PS C:\Users\MUNISH PATWA\Documents\jfolder\JAVASEM3PROJ>
```

