**package** pack;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.Statement;

**import** java.util.\*;

**class** Worker

{

**static** **void** insert() {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/worker","root","Password123");

PreparedStatement stmt = con.prepareStatement("insert into work values(?,?,?,?,?)");

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("enter id:");

**int** id=sc.nextInt();

System.***out***.println("enter name:");

String name=sc.next();

System.***out***.println("enter age:");

**int** age=sc.nextInt();

System.***out***.println("enter salary:");

**int** salary=sc.nextInt();

System.***out***.println("enter Designation:");

String desig=sc.next();

stmt.setInt(1, id);

stmt.setString(2, name);

stmt.setInt(3, age);

stmt.setInt(4, salary);

stmt.setString(5, desig);

stmt.execute();

con.close();

System.***out***.println("data inserted successfully............!");

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

**static** **void** display() {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/worker","root","Password123");

Statement stmt=con.createStatement();

ResultSet rs=stmt.executeQuery("select \* from work");

**while**(rs.next())

{

System.***out***.println(rs.getInt(1)+":"+rs.getString(2)+":"+rs.getInt(3)+":"+rs.getInt(4)+":"+rs.getString(5));

}

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

**static** **void** update() {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/worker","root","Password123");

PreparedStatement stmt = con.prepareStatement("update work set salary=? where id=?");

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("enter id:");

**int** id=sc.nextInt();

System.***out***.println("enter salary:");

**int** salary=sc.nextInt();

stmt.setInt(1, salary);

stmt.setInt(2, id);

stmt.execute();

con.close();

System.***out***.println("data updated successfully............!");

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

**static** **void** delete() {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/worker","root","Password123");

PreparedStatement stmt = con.prepareStatement("delete from work where id=?");

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("enter id:");

**int** id=sc.nextInt();

stmt.setInt(1, id);

System.***out***.println("do you want to delete? yes/no");

String ch=sc.next();

**if**(ch.equalsIgnoreCase("yes")) {

stmt.execute();

System.***out***.println("data deleted");

}

**else** {

System.***out***.println("data not deleted");

}

con.close();

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

}

**public** **class** Project {

**public** **static** **void** main(String args[])

{

**int** ch1=0;

**do**{

System.***out***.println("--------------------------------");

System.***out***.println("1.Insert");

System.***out***.println("2.Display");

System.***out***.println("3.Upadate");

System.***out***.println("4.Delete");

System.***out***.println("5.exit");

System.***out***.println("--------------------------------");

System.***out***.println("Enter your Choice: ");

Scanner sc1=**new** Scanner(System.***in***);

ch1=sc1.nextInt();

**if**(ch1==1)

{

Worker.*insert*();

}

**if**(ch1==2)

{

Worker.*display*();

}

**if**(ch1==3)

{

Worker.*update*();

}

**if**(ch1==4)

{

Worker.*delete*();

}

}**while**(ch1!=5);

}

}