Assignment 22

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**package** jdbc;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**public** **class** Datedemo {

**int** studentno ;

String studentname;

**int** studentmarks;

String studentjdate ;

String studentbirth ;

**public** Datedemo(**int** studentno, String studentname, **int** studentmarks, String studentjdate, String studentbirth) {

**super**();

**this**.studentno = studentno;

**this**.studentname = studentname;

**this**.studentmarks = studentmarks;

**this**.studentjdate = studentjdate;

**this**.studentbirth = studentbirth;

}

**public** **int** insertdemo (Datedemo e ) **throws** ClassNotFoundException, SQLException, ParseException{

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

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

PreparedStatement st = con.prepareStatement("insert into studentinfo values (? ,?, ?, ?, ?)");

st.setInt(1,studentno);

st.setString(2, studentname);

st.setInt(3, studentmarks);

SimpleDateFormat sdf = **new** SimpleDateFormat ("MM/dd/yyyy");

SimpleDateFormat sdf2 = **new** SimpleDateFormat("dd/MM/yy");

java.util.Date d1 = sdf.parse(studentjdate);

java.util.Date d2 = sdf2.parse(studentbirth);

**long** l1 = d1.getTime();

**long** l2 = d2.getTime();

java.sql.Date sd1 = **new** java.sql.Date(l1);

java.sql.Date sd2 = **new** java.sql.Date(l2);

st.setDate(4, sd1);

st.setDate(5, sd2);

**int** i = st.executeUpdate();

**return** i ;

}

**public** **static** **void** main (String[ ] args ) **throws** ClassNotFoundException, SQLException, ParseException{

Datedemo d1 = **new** Datedemo (430, "Shashi", 100, "04/20/2016","22/04/93");

**int** i = d1.insertdemo(d1);

**if** (i != 0 )

System.***out***.println(" record inserted in students table ");

**else**

System.***out***.println(" record not inserted in students table ");

}

}

**Output –**

record inserted in students table