Write a JDBC Program to store date in SQL

Table Defination in SQL

SQL> create table birthinfo(

2 htno number(5),

3 dob date);

Table created.

**package** com.sssit.product.controller;

**import** java.sql.Connection;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Scanner;

**import** com.sssit.product.util.JDBCConnection;

**public** **class** SaveDateInDB {

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

Connection con = **null**;

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

System.***out***.println("Ener htno:");

**int** h = s.nextInt();

System.***out***.println("Enter Date of Birth(dd-mm-yy):");

String dob = s.next();

SimpleDateFormat sdf = **new** SimpleDateFormat("dd-MM-yy");

java.util.Date udob = **null**;

**try** {

udob = sdf.parse(dob);

} **catch** (ParseException e1) {

e1.printStackTrace();

}

java.sql.Date sqdob = **new** java.sql.Date(udob.getTime());

/\* Date format should be YYYY-MM-DD \*/

// java.sql.Date sqdob = java.sql.Date.valueOf(dob);

PreparedStatement pst = **null**;

**try** {

// Step 2: Establish the connection with Oracle DB

con = JDBCConnection.*getConnection*();

System.***out***.println("Connection Estd. successfully");

pst = con.prepareStatement("insert into birthinfo values(?,?)");

pst.setInt(1, h);

pst.setDate(2, sqdob);

pst.executeUpdate();

} **catch** (SQLException e1) {

e1.printStackTrace();

}

}

}

Write a JDBC program to read Date from database

**package** com.sssit.product.controller;

**import** java.sql.Connection;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** java.text.SimpleDateFormat;

**import** com.sssit.product.util.JDBCConnection;

**public** **class** RetreiveDateFromDB {

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

// **TODO** Auto-generated method stub

Connection con = **null**;

**try** {

// Step 2: Establish the connection with Oracle DB

con = JDBCConnection.*getConnection*();

System.***out***.println("Connection Estd. successfully");

Statement st = con.createStatement();

ResultSet rs = st.executeQuery("select \* from birthinfo");

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

**int** no = rs.getInt(1);

java.sql.Date sqdt = rs.getDate(2);

java.util.Date udob = (java.util.Date) sqdt;

SimpleDateFormat sdf = **new** SimpleDateFormat("dd-MM-yy");

String sdt = sdf.format(udob);

System.***out***.println(no + "::" + sdt);

}

} **catch** (SQLException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

}

}

Write a JDBC Program to save an Image in Database?

SQL> create table imgtable(

2 htno varchar2(10),

3 photo blob);

Table created.

**package** com.sssit.product.controller;

**import** java.io.File;

**import** java.io.FileInputStream;

**import** java.sql.Connection;

**import** java.sql.PreparedStatement;

**import** com.sssit.product.util.JDBCConnection;

**public** **class** SaveImageInDB {

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

Connection con = **null**;

// Step 1: Loading the oracle driver into JVM

**try** {

// Step 2: Establish the connection with Oracle DB

con = JDBCConnection.*getConnection*();

System.***out***.println("Connection Estd. successfully");

File f = **new** File("d:\\star.png");

FileInputStream fin = **new** FileInputStream(f);

PreparedStatement ps =

con.prepareStatement("insert into imgtable values(?,?)");

ps.setString(1, "S1");

ps.setBinaryStream(2, fin, (**int**) f.length());

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

System.***out***.println(i + " records are affected");

ps.close();

con.close();

} **catch** (Exception e) {

e.printStackTrace();

}

}

}