package com.tutorialspoint.test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

//import java.util.List;

public class ConnectDB {

//DB connection variable

static Connection connection = null; static String databaseName = "";

static String url = "jdbc:mysql://localhost:3306/" +databaseName;

static String username = "root";

static String password = "Welcome2@";

public static void addItemtoDB(String s1, String s2, String s3, double d1, String s4) {

try {

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

connection = DriverManager.getConnection(url, username, password);

connection.setAutoCommit(true);

PreparedStatement ps1 = connection.prepareStatement("INSERT INTO `stuffbaydatabase`.`product` (`product\_name`, `product\_url`, `product\_desc`, `product\_price`, `product\_category`) VALUES (?, ?, ?,?,?);");

ps1.setString(1,s1);

ps1.setString(2,s2);

ps1.setString(3,s3);

ps1.setDouble(4,d1);

ps1.setString(5, s4);

int status1 = ps1.executeUpdate();

if(status1 != 0) {

System.out.println("Database has Connected for table");

System.out.println("Record was Inserted");

}

} catch (ClassNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

public static ArrayList<Item> getItemfromDB() {

try {

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

connection = DriverManager.getConnection(url, username, password);

Statement stmt=connection.createStatement();

ResultSet rs=stmt.executeQuery("select \* from `stuffbaydatabase`.`product`");

final ArrayList<Item> items = new ArrayList<Item>();

while(rs.next()) {

System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));

items.add(new Item (rs.getString(2), 0, rs.getString(3), rs.getString(4), String.valueOf(rs.getDouble(5)), rs.getString("product\_category")));

}

connection.close();

return items;

} catch (ClassNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return null;

}

public static ArrayList<Item> getItemfromDB1(String category) {

try {

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

connection = DriverManager.getConnection(url, username, password);

PreparedStatement ps1 ;

if(!category.equals("All")) {

ps1 = connection.prepareStatement("select \* from `stuffbaydatabase`.`product` where product\_category like ? ;");

ps1.setString(1,"%" + category + "%");

}else {

ps1 = connection.prepareStatement("select \* from `stuffbaydatabase`.`product` ;");

}

ResultSet rs=ps1.executeQuery();

final ArrayList<Item> items = new ArrayList<Item>();

while(rs.next()) {

System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));

items.add(new Item (rs.getString(2), 0, rs.getString(3), rs.getString(4), String.valueOf(rs.getDouble(5)), rs.getString("product\_category")));

}

connection.close();

return items;

} catch (ClassNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return null;

}

}