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package JDBCTest;

import javax.sound.midi.Soundbank;
import java.sql.*;
import java.util.Scanner;

public class fetena {

    static void insert(Connection x) throws Exception
    {
        String input;
        int NumOfFishes;
        Scanner scanner = new Scanner(System.in);
        String add = "insert into member
(Fname,Mname,Sex) "+"values(?,?,?) ";
        PreparedStatement ins = x.prepareStatement(add);

        System.out.println("Enter First Name");
        input = scanner.nextLine();
        ins.setString(1,input);

        System.out.println("Enter Middle Name");
        input = scanner.nextLine();
        ins.setString(2,input);

        System.out.println("Enter Members Sex");
        input = scanner.nextLine();
        ins.setString(3,input);
        ins.execute();
        System.out.println("sdfh");
        int small,big,med;

        String fish = "insert into fish
(AmtOfSmallFish,AmtOfMediumFish,AmtOfBigFish,TotalPrice) "+"values(?,?,
?,?) ";

        PreparedStatement statement = x.prepareStatement(fish);

        System.out.println("Enter The Amount of Small Fishes");
        NumOfFishes = scanner.nextInt();
        small=NumOfFishes;
        statement.setInt(1,NumOfFishes);

        System.out.println("Enter The Amount of Medium Fishes");
        NumOfFishes = scanner.nextInt();
        statement.setInt(2,NumOfFishes);
        med=NumOfFishes;

        System.out.println("Enter The Amount of Big Fishes");
        NumOfFishes = scanner.nextInt();
        statement.setInt(3,NumOfFishes);
        big=NumOfFishes;
    }
}

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        statement.setInt(4, (small*10)+(med*15)+(big*20));

        statement.execute();

    }
    static void update(Connection x) throws Exception
    {
        String upda="update member set Fname=?, Mname=?, Sex=? where
MID=?";
        PreparedStatement stat=x.prepareStatement(upda);
        String input;

        Scanner scanner = new Scanner(System.in);
        System.out.println("Enter the ID");
        int ID = scanner.nextInt();
        scanner.nextLine();
        stat.setInt(4, ID);
        System.out.println("Enter the New First Name");
        input = scanner.nextLine();
        stat.setString(1, input);

        System.out.println("Enter the New Middle Name");
        input = scanner.nextLine();
        stat.setString(2, input);

        System.out.println("Enter the New Sex Name");
        input = scanner.nextLine();
        stat.setString(3, input);

        stat.executeUpdate();

        System.out.println("Updated Successfully");
    }
    static void delete(Connection x) throws SQLException {
        String del="delete from member where MID=?";
        PreparedStatement stat=x.prepareStatement(del);

        String delF="delete from fish where FID=?";
        PreparedStatement Sta =x.prepareStatement(delF);
        Scanner scanner = new Scanner(System.in);
        System.out.println("Enter the ID");

        int ID = scanner.nextInt();

        stat.setInt(1, ID);
        Sta.setInt(1, ID);
        Sta.executeUpdate();
        stat.executeUpdate();
        System.out.println("Deleted Successfully");

    }
}

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static void showData(Connection x) throws Exception
{
    String fg = "select * from member, fish where member.MID =
fish.FID ";
    PreparedStatement show = x.prepareStatement(fg);
    ResultSet resultSet = show.executeQuery();
    System.out.println("ID      Fname      MiddleName      Sex
TotalPrice");
    while(resultSet.next()){

        System.out.print(resultSet.getInt("MID"));
        System.out.print("      "+resultSet.getString("Fname"));
        System.out.print("      "+resultSet.getString("Mname"));
        System.out.print("      "+resultSet.getString("Sex"));
        System.out.println("      "+resultSet.getInt("TotalPrice"));

    }
}

public static void main(String[] args) throws Exception{

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

    Connection AsaAtmaj =
DriverManager.getConnection("jdbc:mysql://localhost:3306/asabet","root
","");

    String tableCreate = "create table if not exists member(MID
int auto_increment not null," +
        "Fname varchar(15),Mname varchar(15),Sex varchar(5),
primary key(MID))";
    PreparedStatement statement =
AsaAtmaj.prepareStatement(tableCreate);
    statement.executeUpdate();

    String fish = "create table if not exists fish(FID int
auto_increment not null," +
        "      AmtOfSmallFish int,AmtOfMediumFish
int,AmtOfBigFish int," +
        "      TotalPrice int,foreign key(FID)
references member(MID))";
    PreparedStatement fishstate = AsaAtmaj.prepareStatement(fish);
    fishstate.executeUpdate();

    //      insert(AsaAtmaj);
    showData(AsaAtmaj);

    AsaAtmaj.close();

}

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