

CARSALE MANAGEMENT SYSTEM(Using Netbeans and java-sql connectivity)

MY SQL:-

DATABASE AND TABLES:-

DATABASE CARSALE

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
Enter password: ***
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.1.33-community MySQL Community Server (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> create database carsale;
Query OK, 1 row affected (0.01 sec)

mysql> use carsale;
Database changed
```

TABLE EMPLOYEE

```
mysql> create table employee
-> (
-> empid integer,
-> empname varchar(25),
-> address varchar(40),
-> phno varchar(11),
-> salary integer,
-> city varchar(20),
-> dateofjoin date,
-> dept varchar(20),
-> primary key(empid)
-> );
Query OK, 0 rows affected (0.11 sec)
```

TABLE SERVICE

```
mysql> create table service
-> (
-> modelid varchar(20),
-> ocleaningcharges integer,
-> icleaningcharges integer,
-> tyreupgcharges integer,
-> accupgcharges integer);
Query OK, 0 rows affected (0.11 sec)
```

TABLE CARDETAILS

```
mysql> create table cardetails
-> (
-> modelno integer,
-> modelname varchar(20),
-> company varchar(20),
-> manufacturer varchar(25),
-> colour varchar(20),
-> cost integer
-> );
Query OK, 0 rows affected (0.09 sec)
```

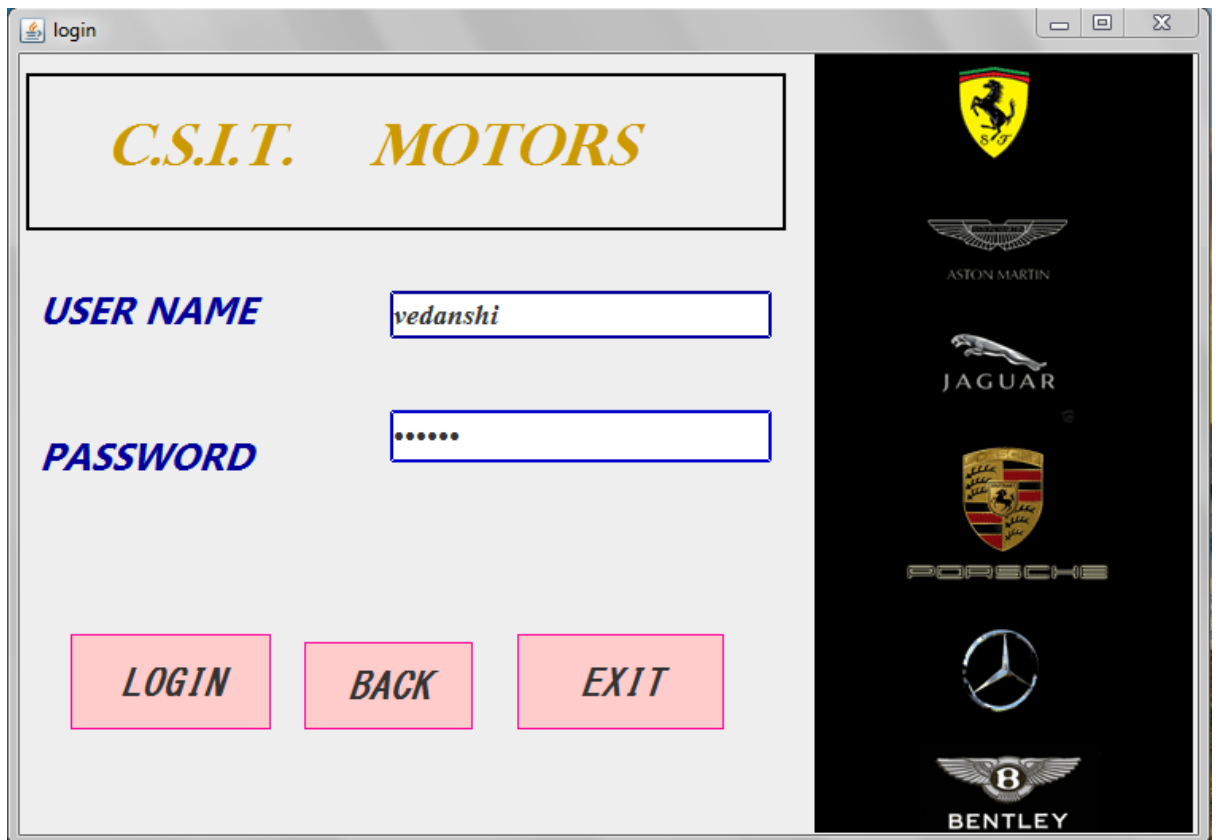
MY SQL AND JAVA CONNECTIVITY:-

❖ WELCOME FRAME



```
new loginframe().setVisible(true);
this.setVisible (false);
```

LOGIN FRAME



CODE FOR LOGIN BUTTON :-

```
String uname = tf1.getText();  
String pwd = new String (pw1.getPassword());  
if (pwd.equals("jaguar"))  
{ new mainmenu().setVisible(true);  
  this.setVisible(false);  
}  
else  
  System.exit(0);
```

CODE FOR BACK BUTTON:-

```
new welcome().setVisible (true);  
this.setVisible(false);
```

CODE FOR EXIT BUTTON:-

```
System.exit(0);
```

- **MAIN MENU FRAME**



```
new ADD_EMPL_DETAILS().setVisible(true);  
this.setVisible(false);
```

```
new DELETE_EMPLOYEE_DETAILS().setVisible(true);  
this.setVisible(false);
```

```
new update_empl_details().setVisible(true);  
this.setVisible(false);
```

```
new VIEW_EMPLOYEE_DETAILS().setVisible(true);  
this.setVisible(false);
```

```
new add_car_details().setVisible(true);  
this.setVisible(false);
```

```
new delete_car_details().setVisible(true);  
this.setVisible(false);
```

```
new update_car_details().setVisible(true);  
this.setVisible(false);
```

```
new view_car_details().setVisible(true);  
this.setVisible(false);
```

```
new add_service_details().setVisible(true);  
this.setVisible(false);
```

```
new delete_service_details().setVisible(true);  
this.setVisible(false);
```

```
new update_service_details().setVisible(true);  
this.setVisible(false);
```

```
new view_service_details().setVisible(true);  
this.setVisible(false);
```

ADD EMPLOYEE DETAILS

ADD EMPLOYEE DETAILS

Emp_id: 29

Emp_name: RUPALI

Address: CHANDPOLE

Ph_no: 6543799807

Salary: 31000

City: JAIPUR

Date_of_join: 2008/07/15

Department: SERVICE

DEPARTMENT

☒ SERVICE

☐ SALES

ADD_DETAILS

MAIN MENU

Message: Record Saved

OK

CODE FOR ADD_DETAILS BUTTON :-

```
try
{
Class.forName("java.sql.DriverManager");
String userid= "root";
    String pwd= "bls";
    String db_url = "jdbc:mysql://localhost:3306/carsale";
```

```

        Connection con = DriverManager.getConnection(db_url,
userid, pwd);
        String dept = "";
        int sal = 0;
        if(rb1.isSelected() == true)
        {sal = 31000;
        dept = "SERVICE";}
        if(rb2.isSelected() == true)
        {sal = 36000;
        dept = "SALES";}
        tf8.setText("" + dept);
        tf5.setText("" + sal);
        String sql = "insert into employee
values("+tf1.getText()+", "+tf2.getText()+", "+tf3.getText()+"" +
        ", "+tf4.getText()+", "+sal+", "+tf6.getText()+", "+
        tf7.getText()+", "+dept+"");";
        Statement st=con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Record
Saved");}
        catch (Exception
e){JOptionPane.showMessageDialog(null,e.getMessage());}

```

CODE FOR MAIN MENU BUTTON:-

```

new mainmenu().setVisible(true);
this.setVisible(false);

```

❖ UPDATE EMPLOYEE DETAILS

UPDATE EMPLOYEE DETAILS

Emp_id. 29

Emp_name URMILA

Address JUHU

Ph_no 9978088543

City MUMBAI

UPDATE_DETAILS

MAIN MENU

Message

Record updated

OK

CODE FOR UPDATE_DETAILS BUTTON

```
try {  
    Class.forName("java.sql.DriverManager");  
    Connection con =  
    DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root"  
    ,"bls");  
    String sql = "UPDATE employee SET empname =  
    '"+tf2.getText()+"',address = '"+tf3.getText()+"' +
```



```

        ",phno = '"+tf4.getText()+"',city = '"+tf5.getText()+"' WHERE
empid = '"+tf1.getText()+"';";
        Statement st=con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Record updated");

    }
    catch(Exception e) {
        JOptionPane.showMessageDialog(null,"Error"+e.getMessage());

    }
}

```

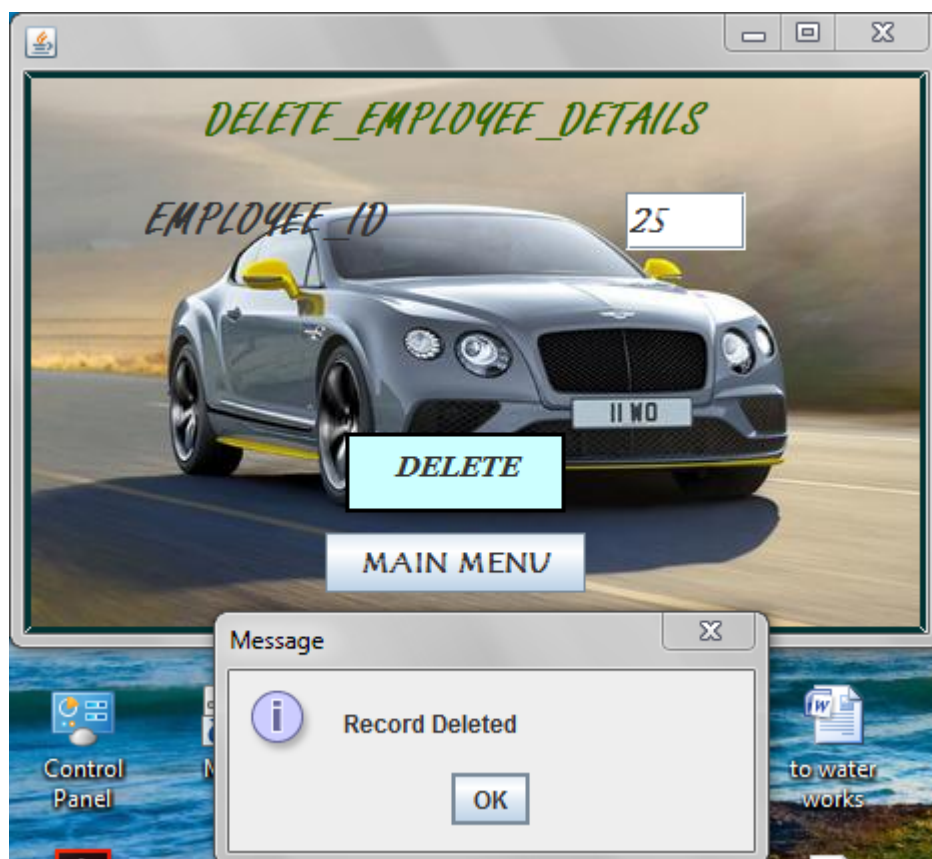
CODE FOR MAIN MENU BUTTON

```

new mainmenu().setVisible(true);
this.setVisible(false);

```

❖ DELETE EMPLOYEE DETAILS



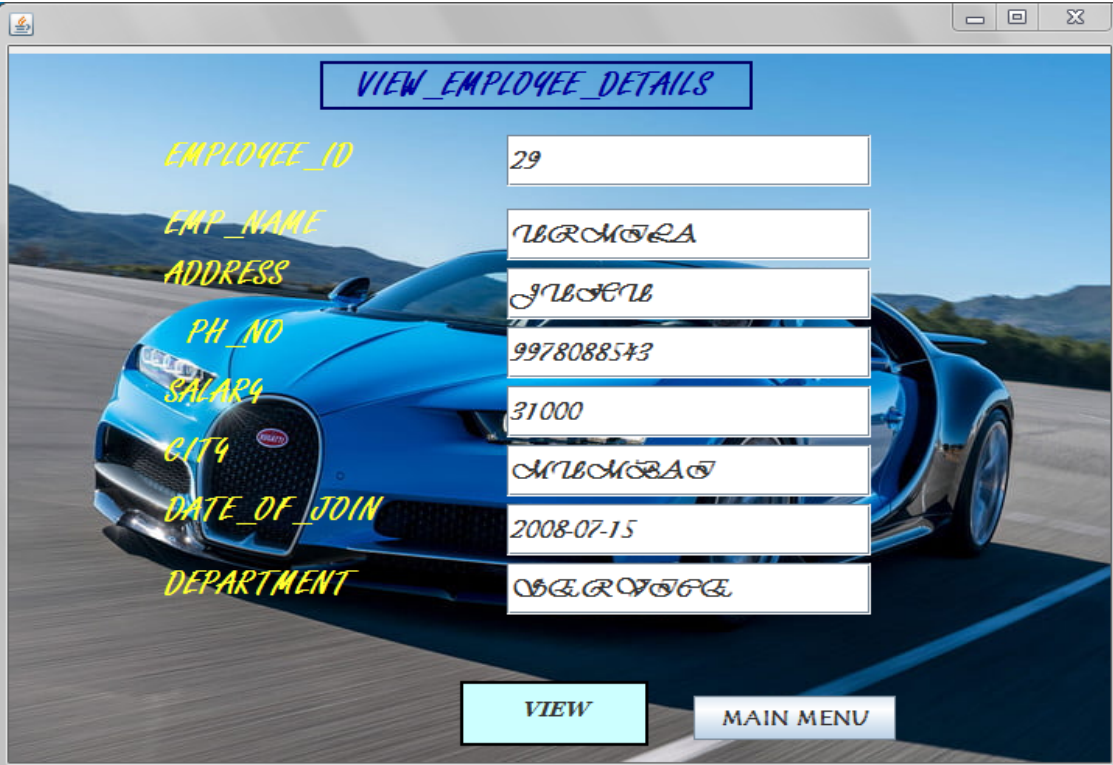
CODE FOR DELETE BUTTON

```
try {
    Class.forName("java.sql.DriverManager");
    Connection
    con=DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","
    root","bls");
    String sql = "delete from employee where empid = "+tf1.getText()+";";
        Statement st=con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Record DELETED" ); }
    catch(Exception e)
    JOptionPane.showMessageDialog(null,"Error"+e.getMessage());
}
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);
this.setVisible(false);
```

_VIEW EMPLOYEE DETAILS



Label	Value
EMPLOYEE_ID	29
EMP_NAME	WROHOLA
ADDRESS	JNBHLE
PH_NO	9978088543
SALARY	31000
CITY	ALBOMBAO
DATE_OF_JOIN	2008-07-15
DEPARTMENT	WEROWOGE

CODE FOR VIEW BUTTON

```
try {  
    Class.forName("java.sql.DriverManager");  
    Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root"  
,"bls");  
    String sql = "select * from employee where empid =  
"+tf1.getText()+"";  
    Statement st=con.createStatement();  
    ResultSet rs=st.executeQuery(sql);  
    if (!rs.next())  
        JOptionPane.showMessageDialog(null,"No such record");  
    else {  
        tf2.setText(rs.getString("empname"));  
        tf3.setText(rs.getString("address"));  
        tf4.setText(rs.getString("phno"));  
        tf5.setText(rs.getString("salary"));  
    }  
}
```

```

        tf6.setText(rs.getString("city"));
        tf7.setText(rs.getString("dateofjoin"));
        tf8.setText(rs.getString("dept"));
    }
}
catch(Exception e) {
    JOptionPane.showMessageDialog(null,"Error"+e.getMessage());
}

```

CODE FOR MAIN MENU BUTTON

```

new mainmenu().setVisible(true);
this.setVisible(false);

```

ADD SERVICE DETAILS

The screenshot shows a Java Swing window titled "ADD SERVICE DETAILS". The window has a dark green background. At the top, there is a red-bordered box with the text "ADD SERVICE DETAILS" in red, italicized font. Below this, there are five input fields, each with a label in a yellow-bordered box to its left. The labels are "Model_ID", "Outer_Cleaning_Charges", "Inner_Cleaning_Charges", "Tyre_Upgradation_Charges", and "Accessories_Upgradation_Charges". The corresponding values in the input fields are "GR56", "4100", "3800", "7600", and "2400". At the bottom of the window, there are two buttons: "ADD_DETAILS" and "MAIN MENU". A small "Message" dialog box is open in the foreground, displaying an information icon, the text "Record Saved", and an "OK" button.

Field Label	Value
Model_ID	GR56
Outer_Cleaning_Charges	4100
Inner_Cleaning_Charges	3800
Tyre_Upgradation_Charges	7600
Accessories_Upgradation_Charges	2400

Message Dialog: Record Saved (OK)

CODE FOR ADD DETAILS BUTTON

```

try
{
Class.forName("java.sql.DriverManager");
String userid= "root";
    String pwd= "bls";
    String db_url = "jdbc:mysql://localhost:3306/carsale";
    Connection con = DriverManager.getConnection(db_url, userid,
pwd);
String sql = "insert into service
values('"+tf1.getText()+"','"+tf2.getText()+"','"+tf3.getText()+"','"+tf4.getText()
+"" +
    "','"+tf5.getText()+"');";
        Statement st=con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Record Saved");}
catch (Exception
e){JOptionPane.showMessageDialog(null,e.getMessage());}

```

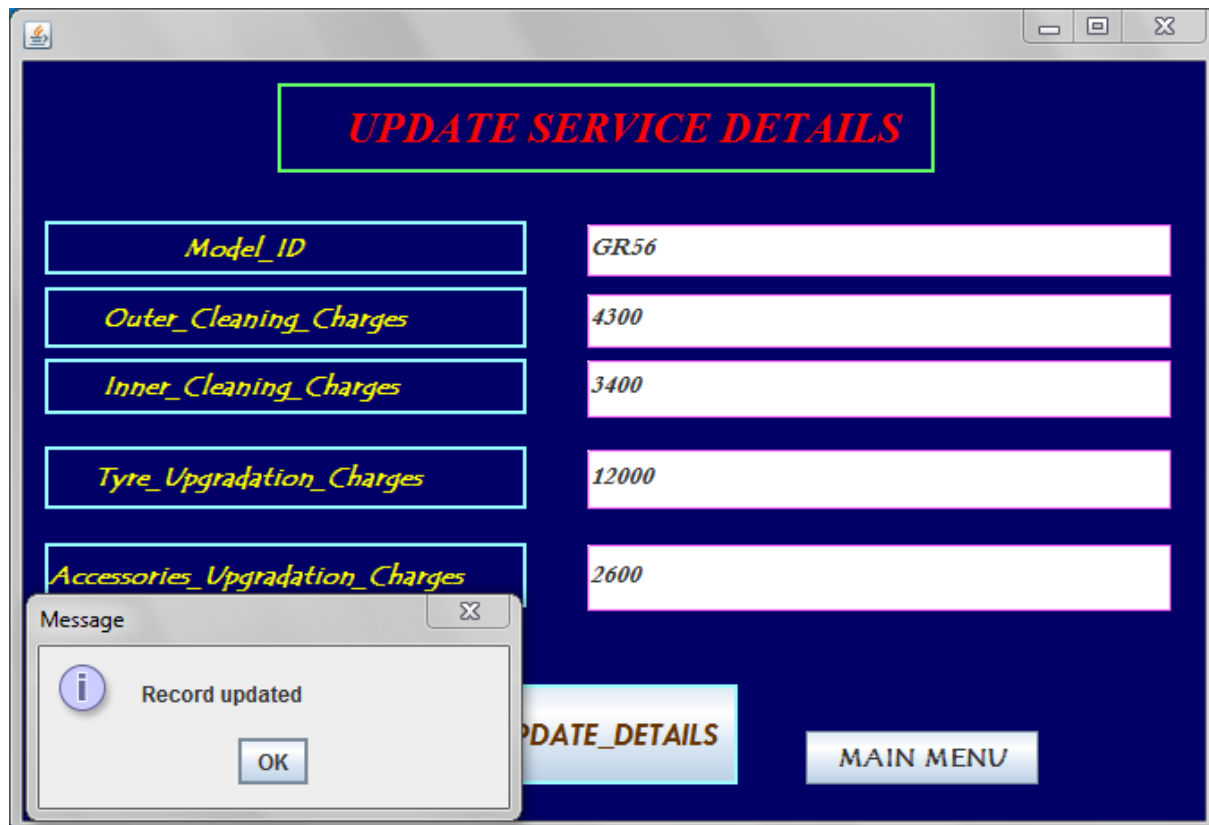
CODE FOR MAIN MENU BUTTON

```

new mainmenu().setVisible(true);
this.setVisible(false);

```

❖ UPDATE SERVICE DETAILS



CODE FOR UPDATE_DETAILS BUTTON

```
try {
    Class.forName("java.sql.DriverManager");
    Connection con =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root","bl
s");

    String sql = "UPDATE service SET ocleaningcharges =
    "+tf2.getText()+",icleaningcharges = "+tf3.getText()+" +
    ",tyreupgcharges = "+tf4.getText()+",accupgcharges = "+tf5.getText()+"
    WHERE modelid = "+tf1.getText()+"";

    Statement st=con.createStatement();

    st.executeUpdate(sql);

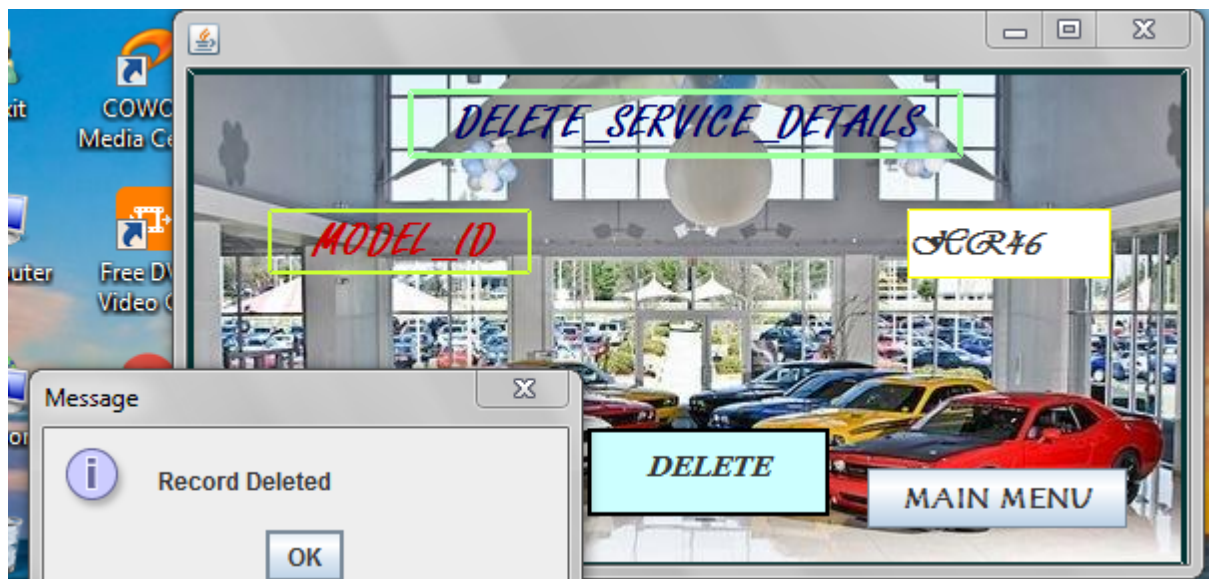
    JOptionPane.showMessageDialog(null,"Record updated"); }
catch(Exception e) {
```

```
JOptionPane.showMessageDialog(null,"Error"+e.getMessage()); }
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);  
this.setVisible(false);
```

❖ DELETE SERVICE DETAILS



CODE FOR DELETE BUTTON

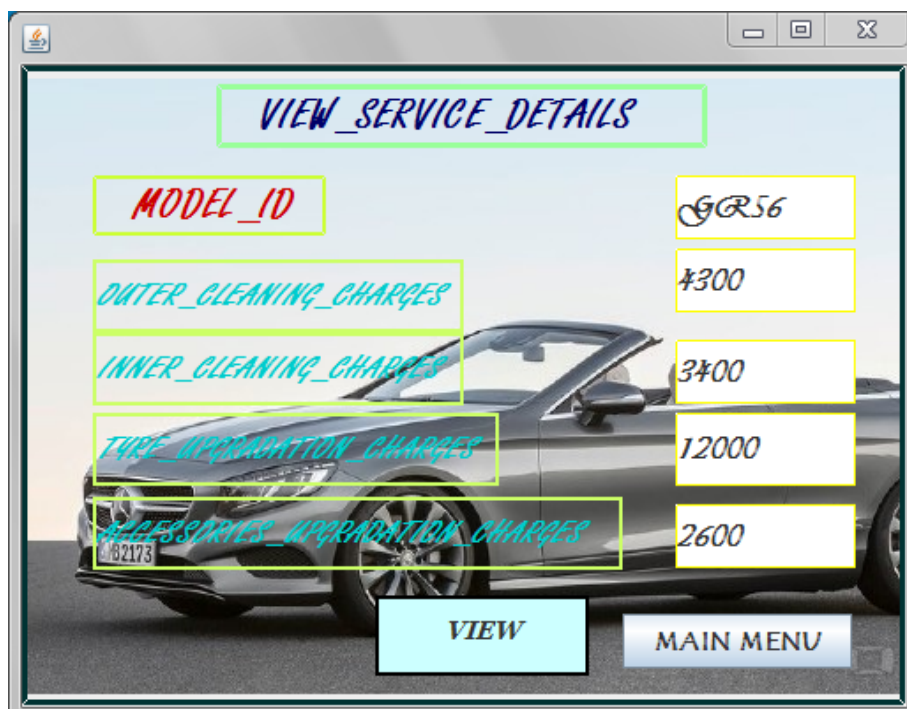
```
try {  
    Class.forName("java.sql.DriverManager");  
  
    Connection  
    con=DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root","bls");  
  
    String sql = "delete from service where modelid = '"+tf1.getText()+"';";  
  
    Statement st=con.createStatement();  
  
    st.executeUpdate(sql);  
  
    JOptionPane.showMessageDialog(null,"Record Deleted"); }  
catch(Exception e) {
```

```
JOptionPane.showMessageDialog(null,"Error"+e.getMessage()); }
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);  
this.setVisible(false);
```

❖ VIEW SERVICE DETAILS



CODE FOR VIEW BUTTON

```
try {  
    Class.forName("java.sql.DriverManager");  
    Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root","bl  
s");  
    String sql = "select * from service where modelid = '"+tf1.getText()+"';";  
    Statement st=con.createStatement();  
    ResultSet rs=st.executeQuery(sql);
```



```

if (!rs.next())

    JOptionPane.showMessageDialog(null,"No such record");

else {

    tf2.setText(rs.getString("ocleaningcharges"));

    tf3.setText(rs.getString("icleaningcharges"));

    tf4.setText(rs.getString("tyreupgcharges"));

    tf5.setText(rs.getString("accupgcharges"));

}

```

CODE FOR MAIN MENU BUTTON

```

new mainmenu().setVisible(true);

this.setVisible(false);

```

❖ ADD CAR DETAILS

The screenshot shows a Java Swing window titled "ADD CAR DETAILS" with a light blue background. The window contains several text input fields with labels: "Model_no" (value: 27), "Model_name" (value: XFGRAND), "Company" (value: LEXUS), "Manufacturer" (value: ITALIANA), "Colour" (value: RED), and "Cost" (value: 7800000). To the right of the fields are two buttons: "ADD_DETAILS" and "MAIN MENU". A "Message" dialog box is overlaid on the bottom right, displaying an information icon, the text "Record Saved", and an "OK" button.

CODE FOR ADD_DETAILS BUTTON

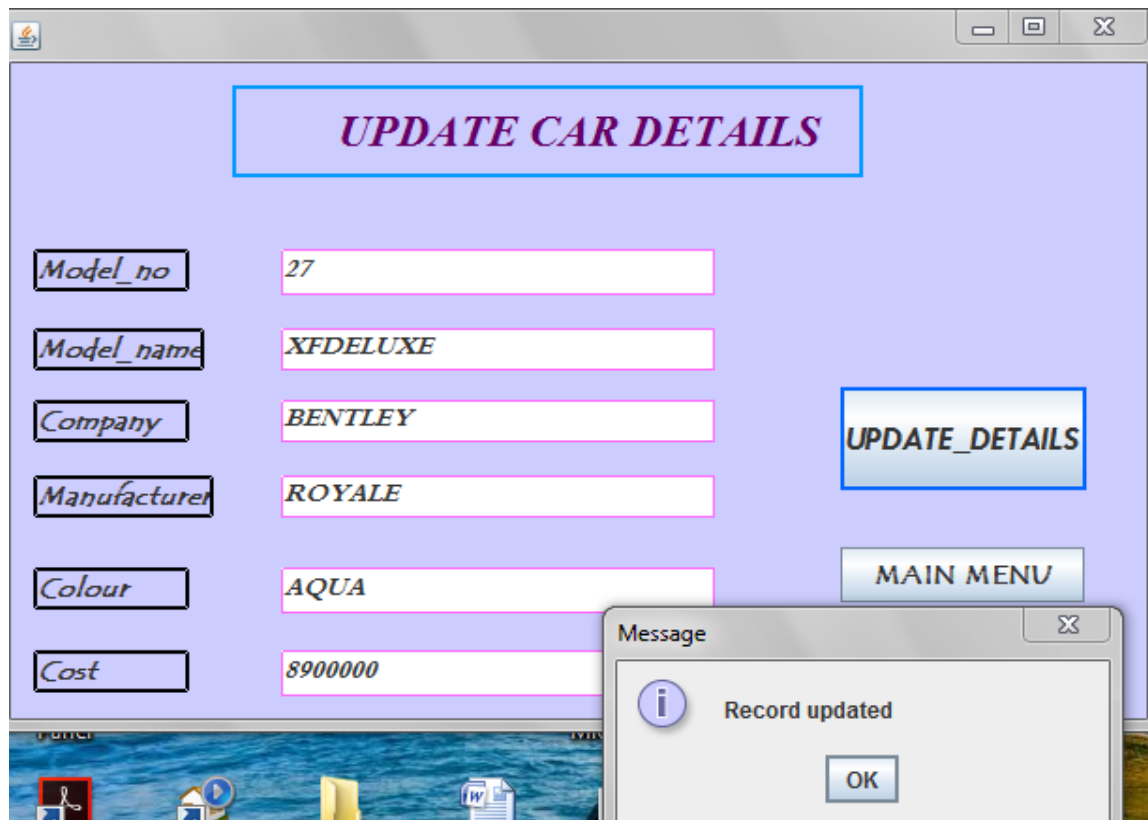
```
try
{
Class.forName("java.sql.DriverManager");
String userid= "root";
    String pwd= "bls";
    String db_url = "jdbc:mysql://localhost:3306/carsale";
        Connection con = DriverManager.getConnection(db_url, userid,
pwd);
String sql = "insert into cardetails
values("+tf1.getText()+", "+tf2.getText()+", "+tf3.getText()+"" +
    ", "+tf4.getText()+", "+tf5.getText()+", "+tf6.getText()+")";
        Statement st=con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Record Saved");}
catch (Exception
e){JOptionPane.showMessageDialog(null,e.getMessage());}
}
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);

this.setVisible(false);
```

❖ UPDATE CAR DETAILS



CODE FOR UPDTAE DETAILS BUTTON

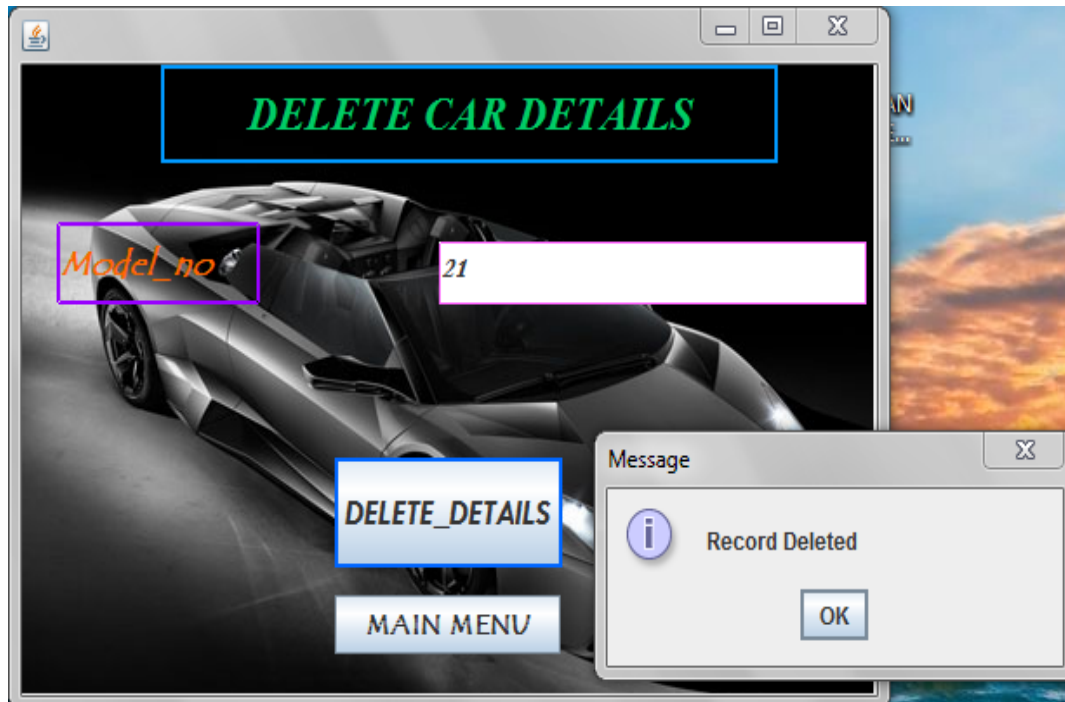
```
try {
    Class.forName("java.sql.DriverManager");
    Connection con =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root"
    ,"bls");
    String sql = "UPDATE cardetails SET modelname =
    '"+tf2.getText()+"',company = '"+tf3.getText()+"' +
    ",manufacture = '"+tf4.getText()+"',colour = '"+tf5.getText()+"',cost =
    '"+tf6.getText()+" " +
    "WHERE modelno = '"+tf1.getText()+"';";
    Statement st = con.createStatement();
    st.executeUpdate(sql);
    JOptionPane.showMessageDialog(null,"Record updated"); }
catch(Exception e) {
    JOptionPane.showMessageDialog(null,"Error"+e.getMessage());}
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);
```

```
this.setVisible(false);
```

❖ DELETE CAR DETAILS



CODE FOR DELETE BUTTON

```
try {  
    Class.forName("java.sql.DriverManager");  
    Connection  
    con=DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","  
    root","bls");  
    String sql = "delete from cardetails where modelno = "+tf1.getText()+"";  
    Statement st=con.createStatement();  
    st.executeUpdate(sql);  
    JOptionPane.showMessageDialog(null,"Record Deleted");  
} catch (Exception e) {  
    JOptionPane.showMessageDialog(null,"Error"+e.getMessage());  
}
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);
```

```
this.setVisible(false);
```

❖ VIEW CAR DETAILS



CODE FOR VIEW BUTTON

```
try {  
    Class.forName("java.sql.DriverManager");  
    Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/carsale","root"  
,"bls");  
    String sql = "select * from cardetails where modelno =  
"+tf1.getText()+"";  
    Statement st=con.createStatement();  
    ResultSet rs=st.executeQuery(sql);  
    if (!rs.next())  
        JOptionPane.showMessageDialog(null,"No such record");  
    else {  
        tf2.setText(rs.getString("modelname"));  
        tf3.setText(rs.getString("company"));  
        tf4.setText(rs.getString("manufacture"));  
        tf5.setText(rs.getString("colour"));  
        tf6.setText(rs.getString("cost"));  
    }  
}
```

CODE FOR MAIN MENU BUTTON

```
new mainmenu().setVisible(true);
```

```
this.setVisible(false);
```