**DRIVING SCHOOL**

**MANAGEMENT**

**SYSTEM**

***DONE BY:-***

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***IT B***

***1602-19-737-103***

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**ABSTRACT:**

The Driving School Management System is a web- based system that provides a single-stop for registration and maintenance of driving school database of Cherry Driving School (Name of driving school). The database consists of all the details of customer, details of staff allotted to a particular customer, registration status, payment with license or without license, vehicle number and number of class the customer has opted for. We provide online as well as offline registrations whereas classes are not virtual, there will be people who will approach at your specified address and pick you up and train you on a kilometer basis for one particular day. Driving School Management System (DSMS) is important for ensuring the correct operation of driving school and in maintaining the services that run on them. This project has total of 6 tables. It describes how the network is being connected all across the customers and the particular staff. When you enter the data, it is stored in the data base and is displayed whenever you need it. The data can be updated or changed only by the people of the driving school.

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**REQUIREMENT ANALYSIS:**

List of tables:

* Customer\_details
* Vehicle\_time
* Further\_details
* Staff\_details
* Id\_proofs & postal
* Payment\_status

List of attributes with their domain types:

1.Customer\_details:

Cust\_Id: cust\_id number (5)

C\_name: C\_name varchar2 (20)

Date of join: date of join varchar2 (20)

Licence\_type: licence\_type varchar2 (20)

Mobile\_num: Mobile\_num number(20)

Email\_id: email\_id varchar2 (20)

Address: Address varchar2 (20)

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2.Vehicle\_time:

Cust\_name: cust\_name varchar2(20)

Period: period varchar2(15)

Time of attending: time of attending varchar2 (20)

Vehcile\_type: vehicle\_type varchar2 (20)

Vehcile name: vehicle name varchar2 (20)

3.Further details:

Customer\_id: customer\_id number (5)

Course days: course days number (2)

Licence\_required: Licence\_required varchar2 (20)

Pickup Address: pickup address varchar2 (20)

4.Staff details:

Staff\_id: staff\_id number (5)

Person\_Name: Person\_name varchar2 (20)

Mobile\_number: mobile\_number number (15)

Email: email varchar2 (30)

Staff\_add: Staff\_add varchar2 (30)

5.Id\_proofs& postal:

Person\_id: Person\_id number (5)

Name: name varchar2 (20)

Aadhar No: aadhar number (16)

Tenth\_memo: tenth memo varchar (20)

Postal\_Address: postal address varchar2 (20) **4**

6. Payment Status:

id: id number (5)

Customer\_Name: customer\_name varchar2 (20)

Total Money: total money number (5);

Money Paid: money paid number (5);

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**MAPPING CARDINALITY AND PARTICIATION**

* **CONSTRAINTS**

The internet is connected to server. So, every servers connected to the internet, which is one to many participations. In this you can only opt for a one particular vehicle type at a time and the time of attending to driving classes cannot be changed once you are done with filling the form. You will be allotted one staff member who will pick you and drop you depending upon the pickup location. Your Id proofs are must in order to opt for a driving licence. You will receive licence only when your payment is completely done. For the driving registration you have two means i.e online and offline. Each computer will have only one operating system which is one to one participation.

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ARCHITECTURE AND TECHNOLOGY

*Software used:*

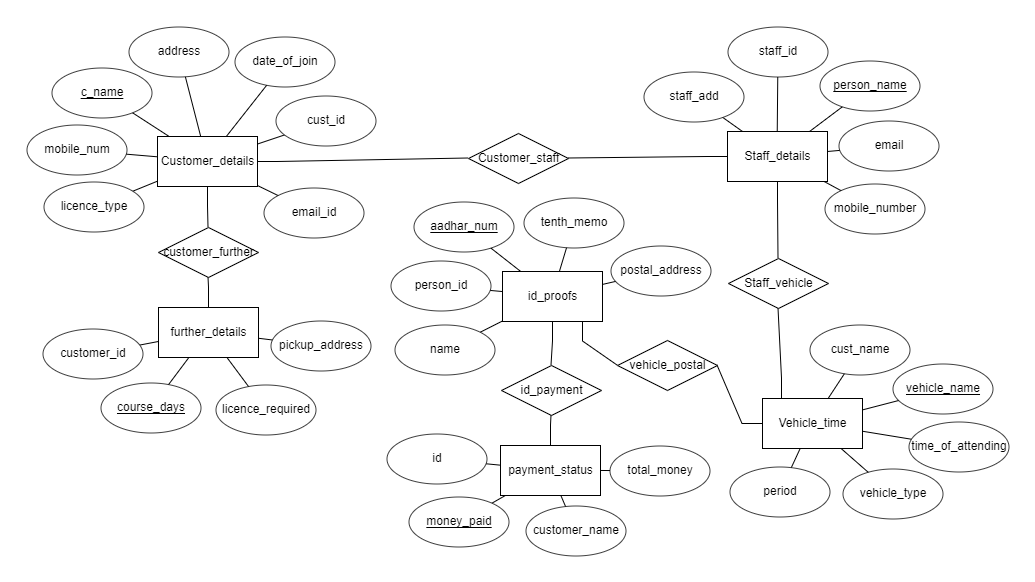
Java Eclipse, Oracle 11g Database,Java SE version 13, SQL\*Plus.Java

**AWT:**

Java AWT (Abstract Window Toolkit) is an API to develop GUI or window-based applications in java.Java AWT components are platform-dependent i.e. components are displayed according to the view of operating system. AWT is heavyweight i.e. its components are using the resources of OS.The java.awt package provides classes for AWT API such as TextField, Label, TextArea,RadioButton, CheckBox, Choice, List etc.

**SQL:**Structure Query Language(SQL) is a database query language used for storing and managing data in Relational DBMS. SQL was the first commercial language introduced for E.F Codd's Relational model of database. Today almost all RDBMS (MySql, Oracle, Infomix, Sybase, MS Access) use SQL as the standard database query language. SQL is used to perform all types of data operations in RDBMS.

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**DDL COMMANDS:**

1. create table **customer\_details** (cust\_id number (5), c\_name varchar2(20) primary key, date\_of\_join varchar2(20), mobile\_num number (20), email\_id varchar2(30), address varchar2(30));
2. create table **vehicle\_time** (cust\_name varchar2(20), period varchar (15), time\_of\_attending varchar2(30), vehicle\_type varchar2(20), vehicle\_name varchar2(20) primary key);
3. create table **further\_details** (customer\_id number (5), course\_days number (2) primary key, licence\_required varchar2(20), pickup\_address varchar2(30));
4. create table **staff\_details** (staff\_id number (5), person\_name varchar2(20) primary key, mobile\_number number (15), email varchar2(30), staff\_add varchar2(30));
5. create table **id proofs** (person\_id number (5), name varchar2(20), aadhar\_num number (16) primary key, tenth\_memo varchar2(20), postal\_address varchar2(30));
6. create table **payment\_status** (id number (5), customer\_name varchar2(20), total\_money number (5), money\_paid number (5) primary key);
7. create table **customer\_staff**(c\_name varchar2(20), person\_name varchar2(20), foreign key(c\_name) references customer\_details(c\_name), foreign key(person\_name) references staff\_details(person\_name));
8. create table **staff\_vehicle** (person\_name varchar2(20), vehicle\_name varchar2(20), foreign key(person\_name) references staff\_details(person\_name), foreign key(vehicle\_name) references vehicle\_time(vehicle\_name));
9. create table **vehicle\_postal** (vehicle\_name varchar2(20), aadhar\_num number (16), foreign key(vehicle\_name) references vehicle\_time(vehicle\_name), foreign key(aadhar\_num)

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references id\_proofs(aadhar\_num));

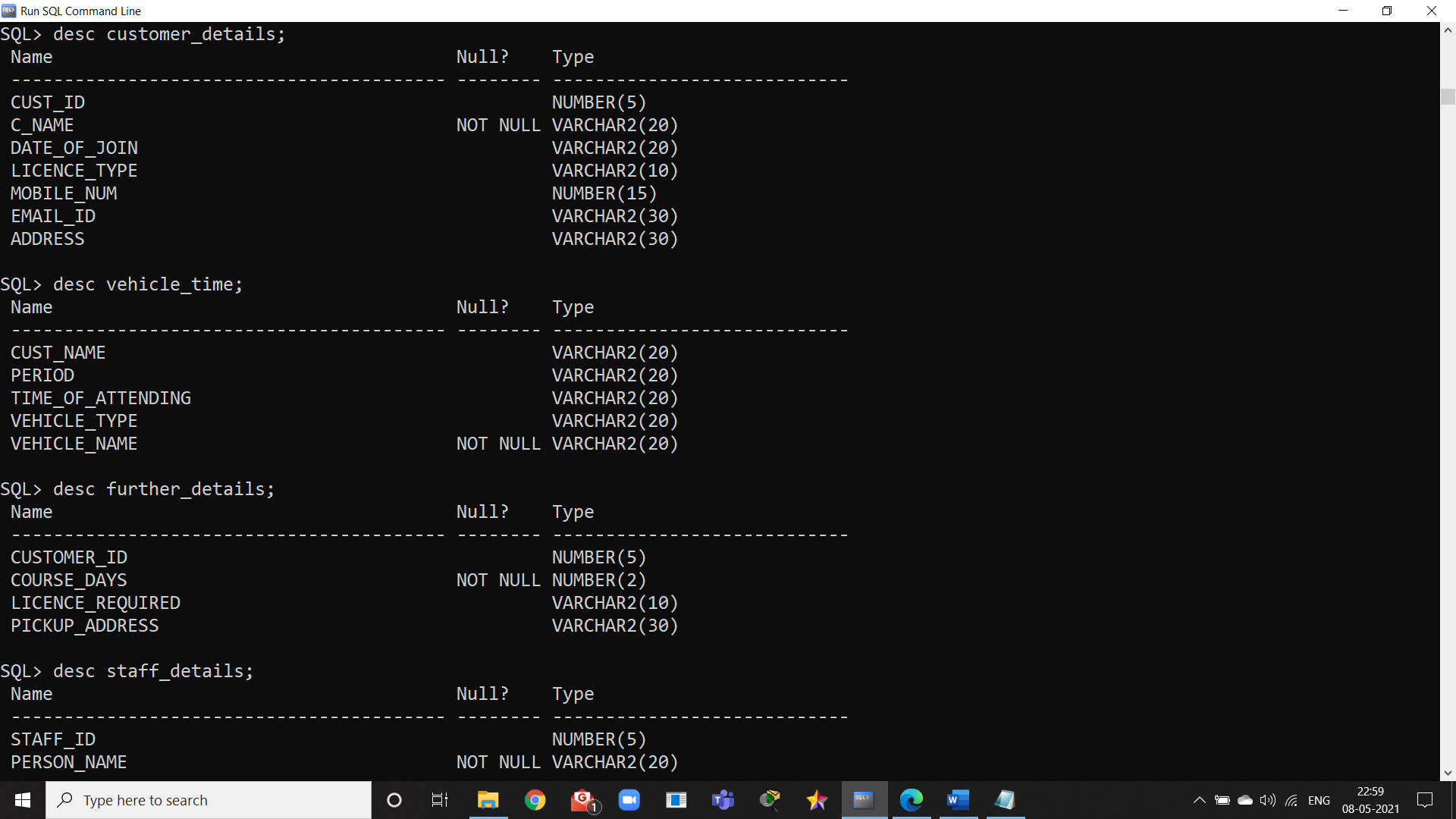
1. create table **id\_payment** (aadhar\_num number (16), money\_paid number (5), foreign key(aadhar\_num) references id\_proofs(aadhar\_num), foreign key(money\_paid) references payment\_status(money\_paid));
2. create table **customer\_further** (c\_name varchar2(20), course\_days number (2), foreign key(c\_name) references customer\_details(c\_name), foreign key(course\_days) references further\_details(course\_days));

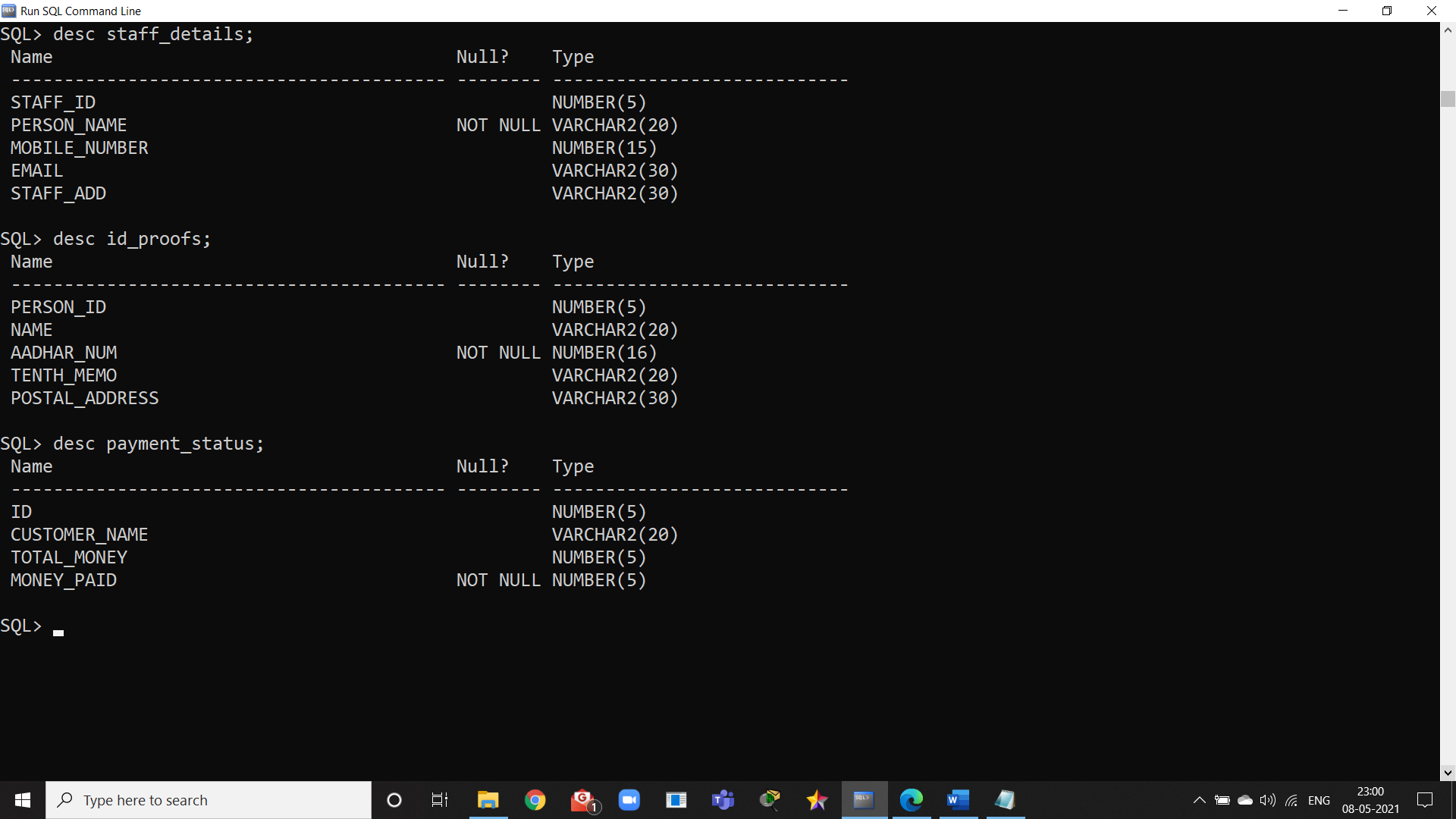
DML COMMANDS

1. insert into customer\_details values(&cust\_id,'&c\_name','&date\_of\_join','licence\_type',&mobile\_num,'&email\_id','&address');
2. insert into staff\_details values(&staff\_id,'&person\_name',&mobile\_number,'&email','&staff\_add');
3. insert into vehicle\_time values('&cust\_name','&period','&time\_of\_attending','&vehicle\_type','&vehicle\_name');
4. insert into id\_proofs values(&person\_id, ‘person\_name', &aadhar\_num, '&tenth\_memo', '&postal\_addess');
5. insert into payment\_status values (&id, '&customer\_name', &total\_money, &money\_paid);
6. insert into further\_details values (&customer id, &course\_days, '&licence\_required', '&pickup\_address');

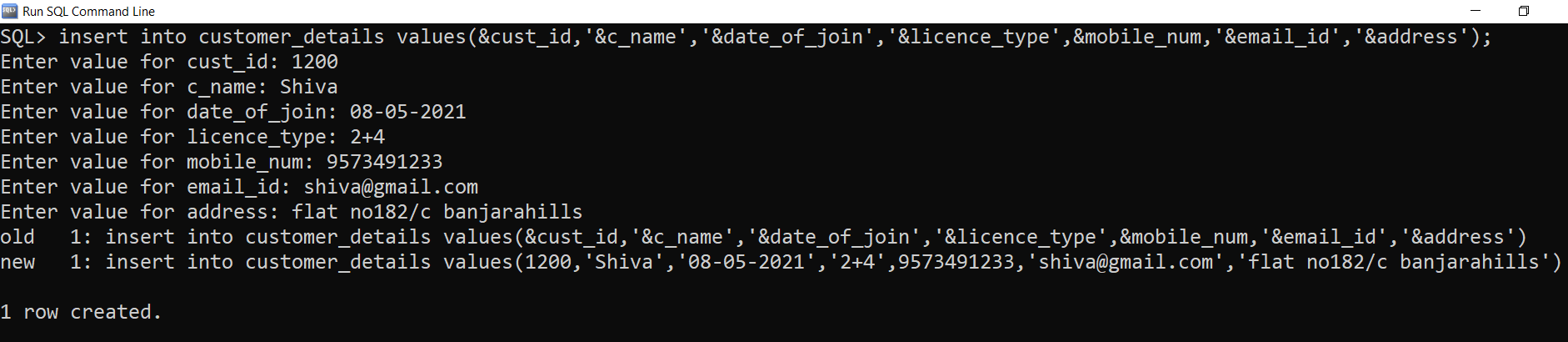
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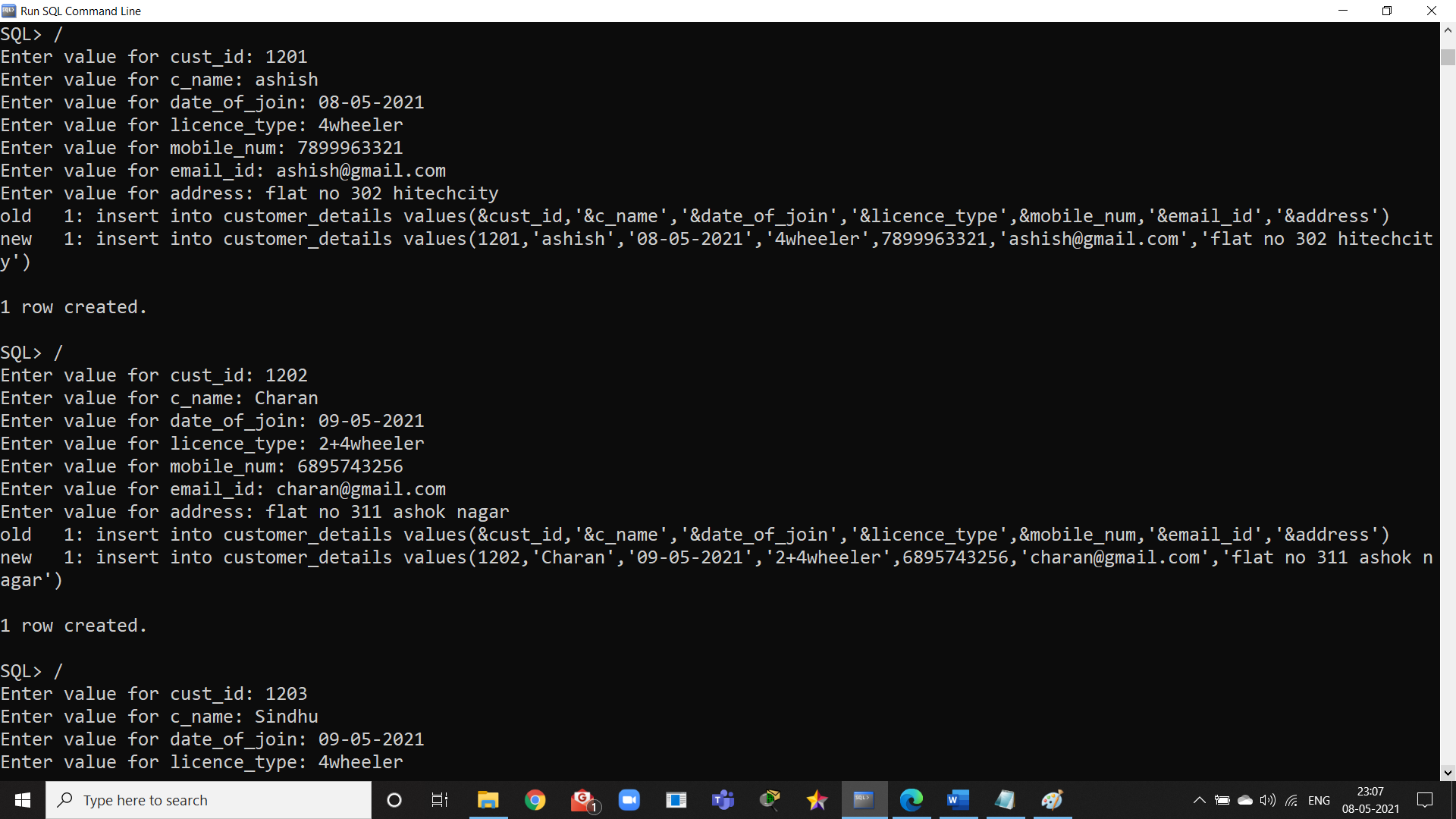
**OUTPUTS:**



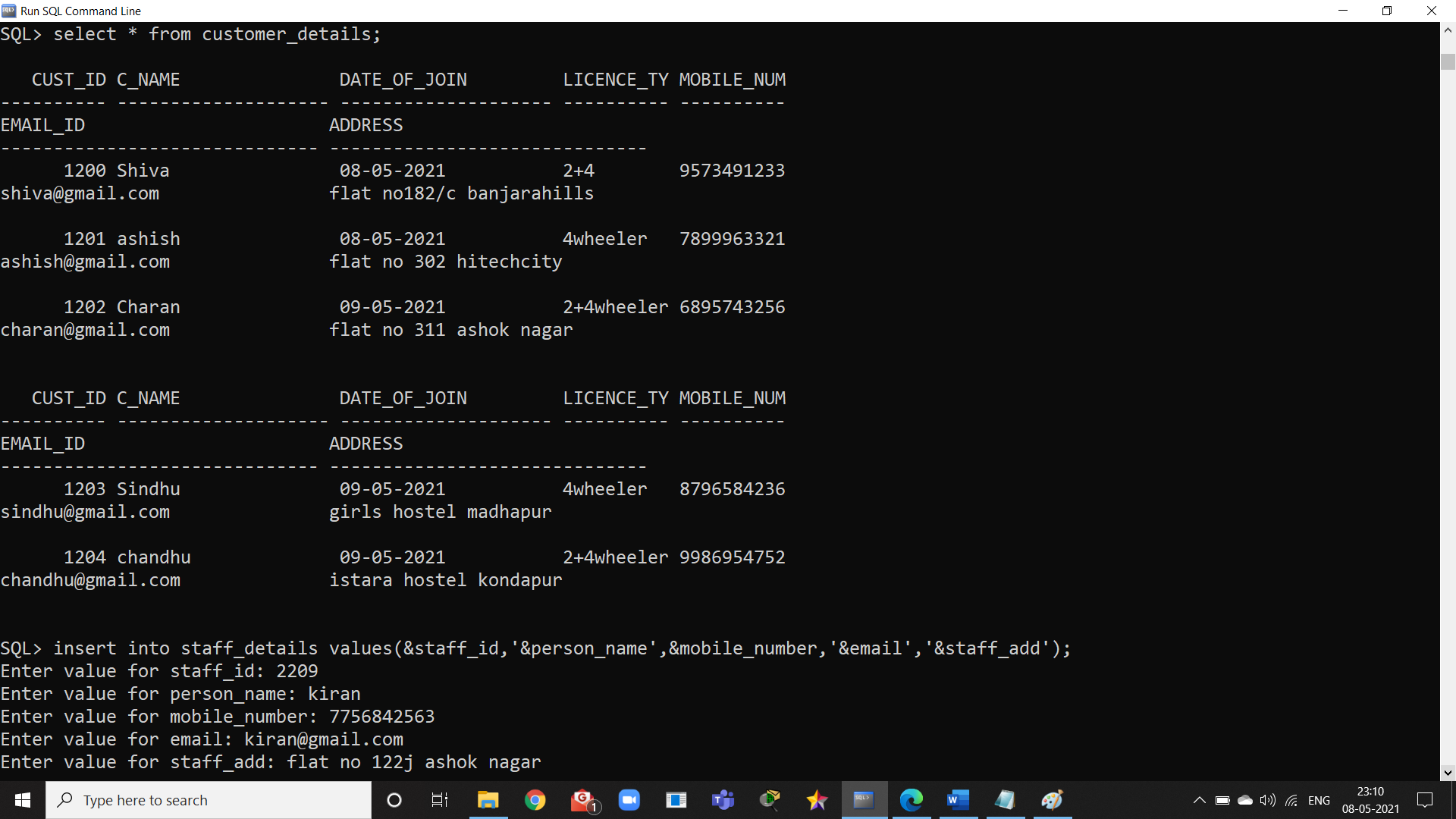


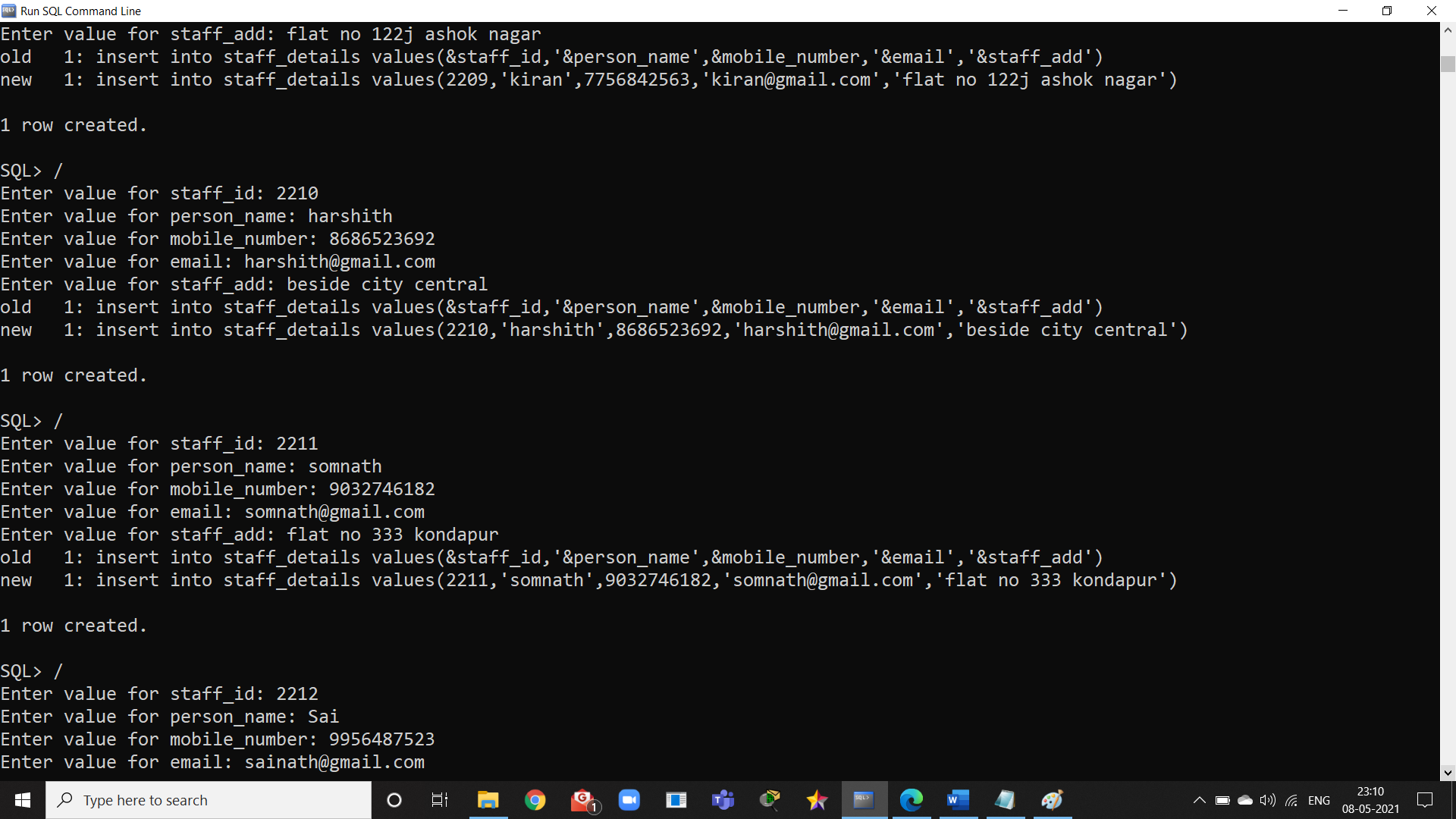
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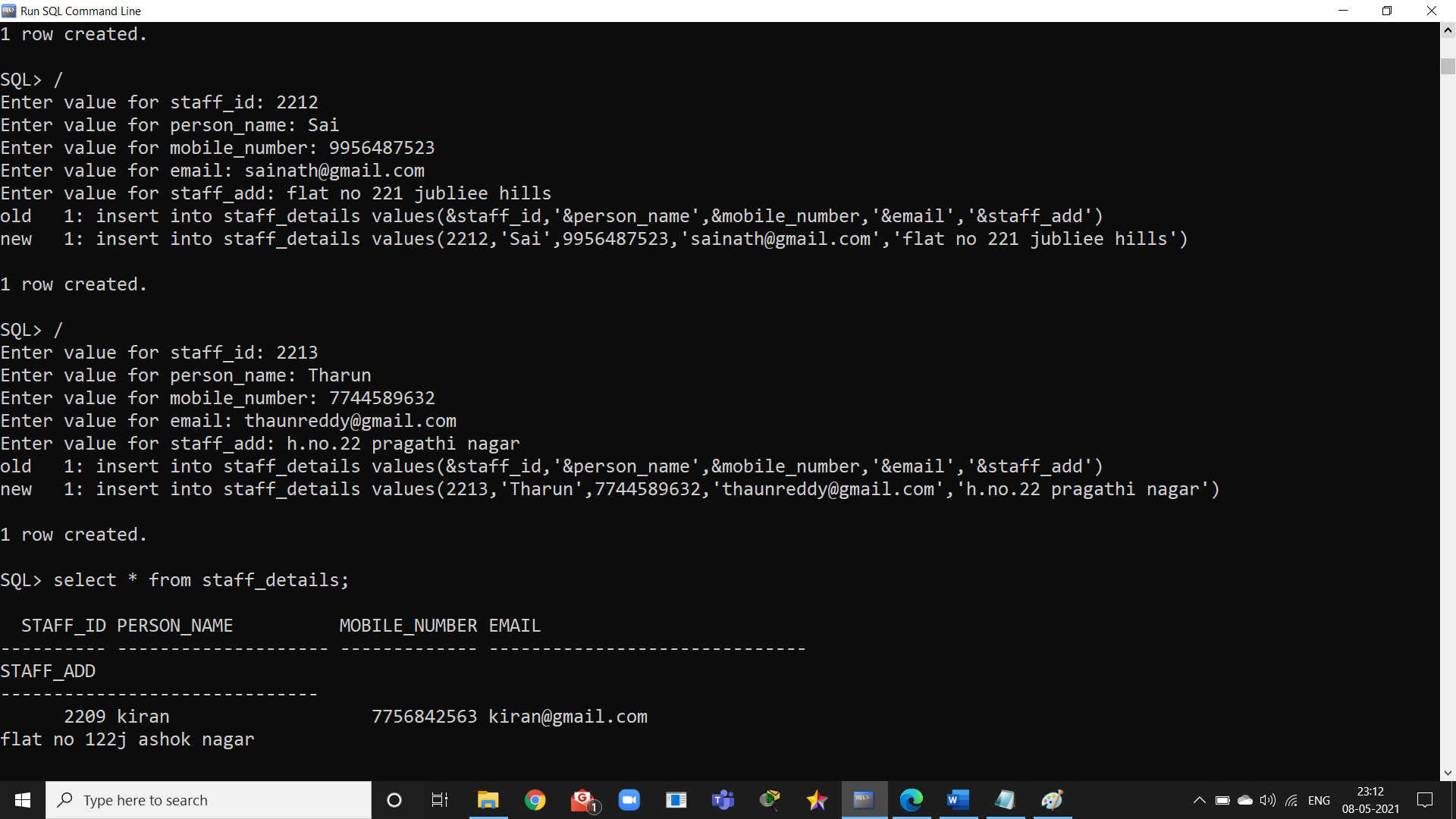


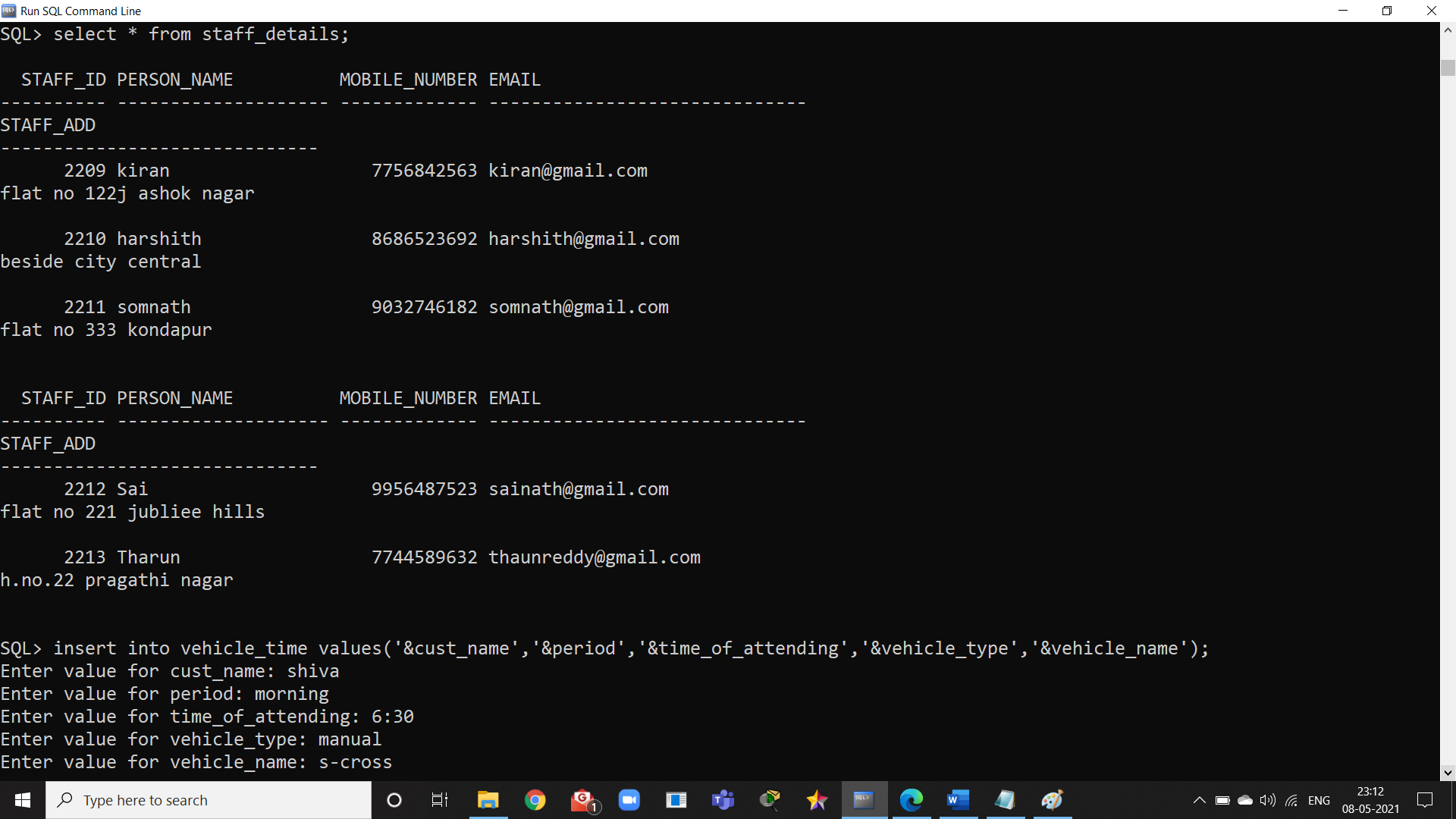
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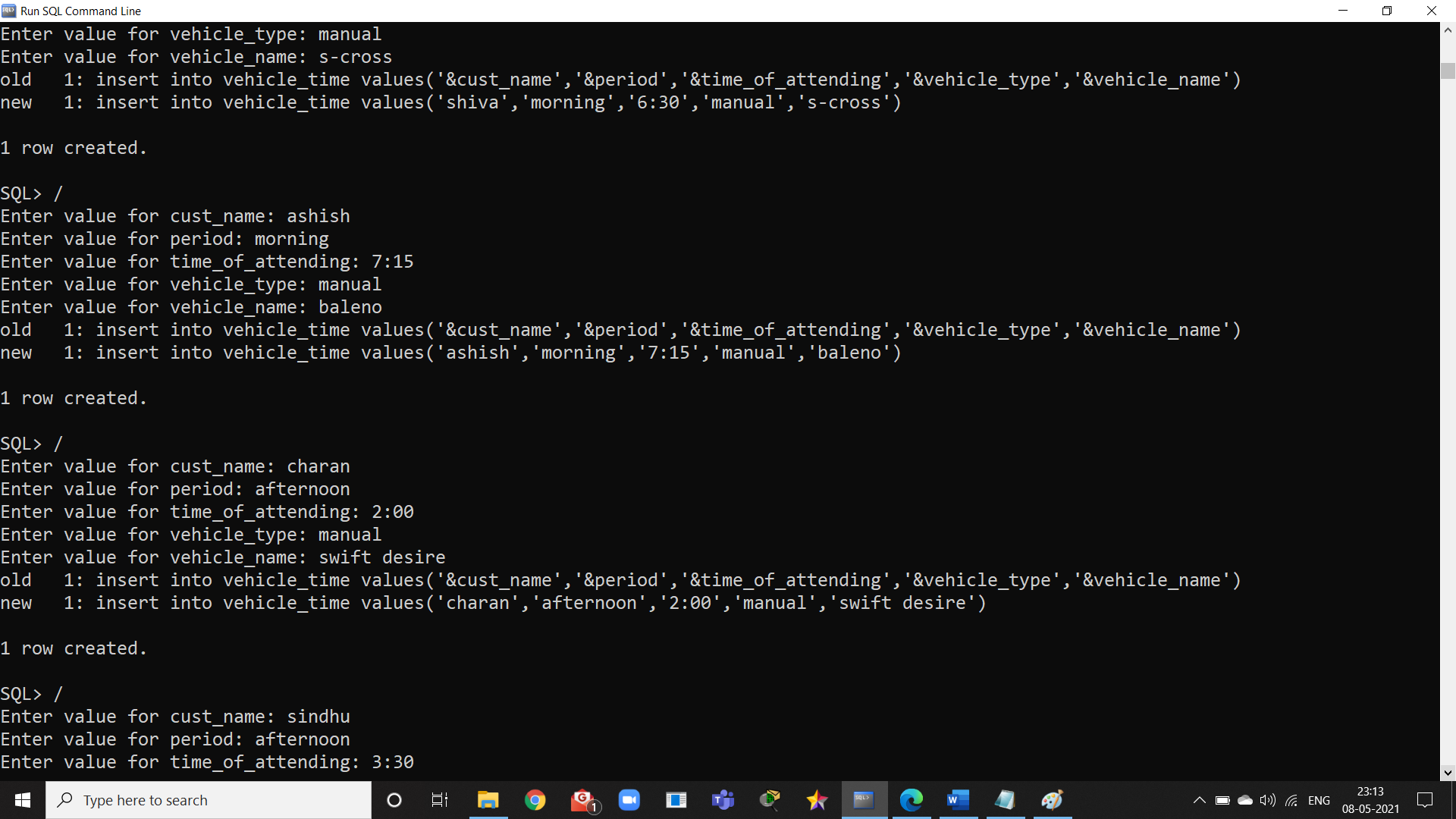


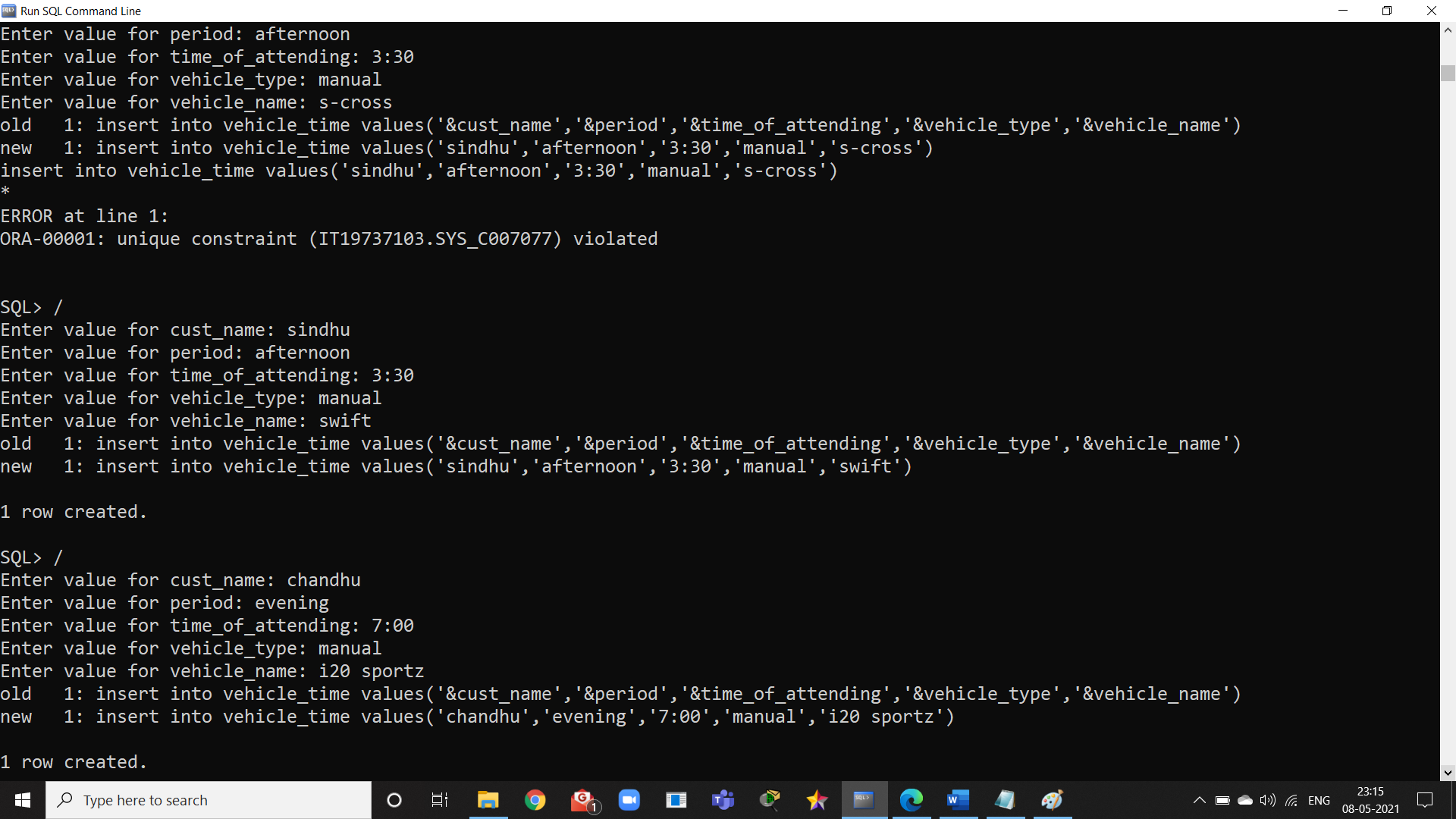
**13**



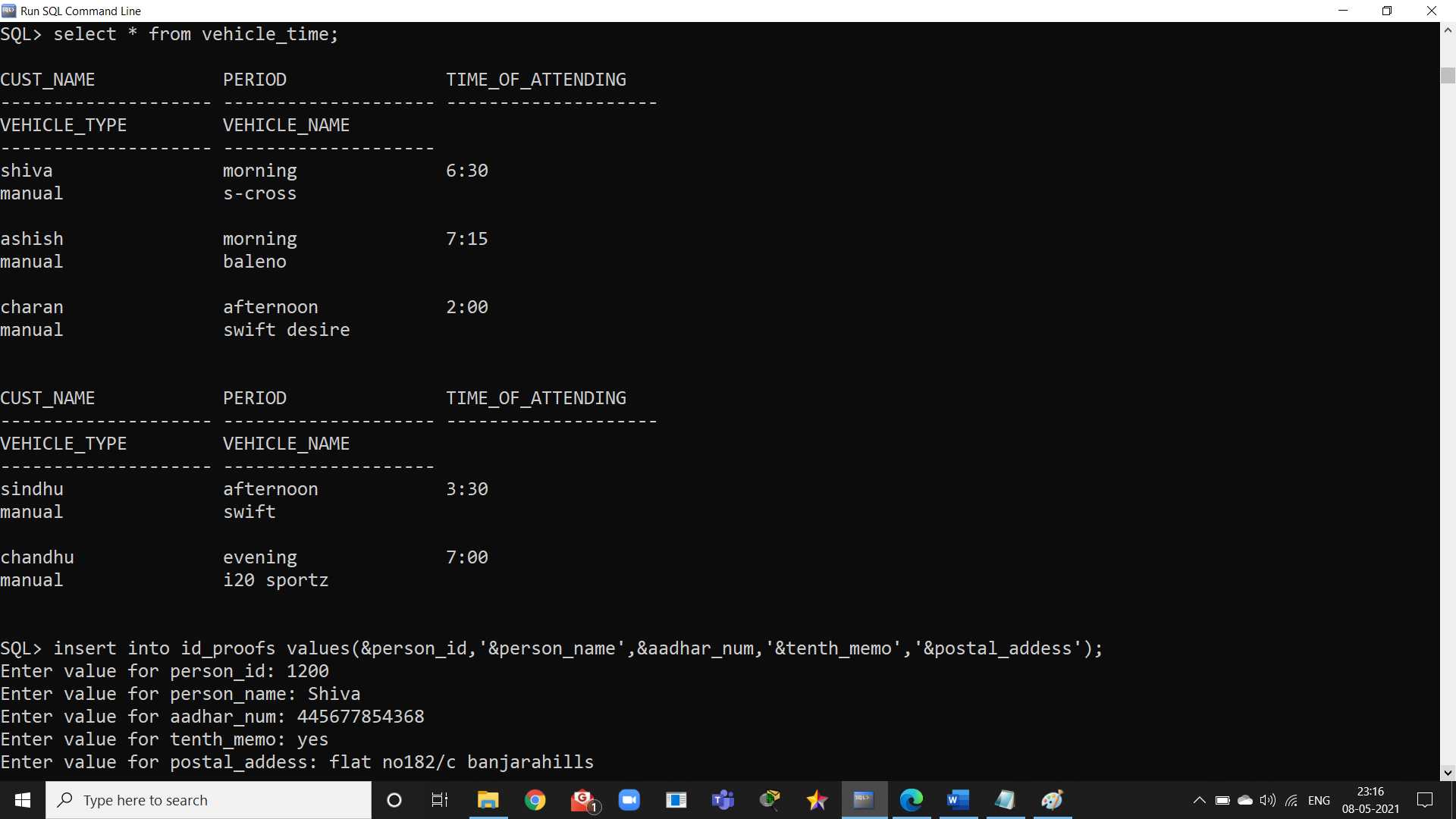


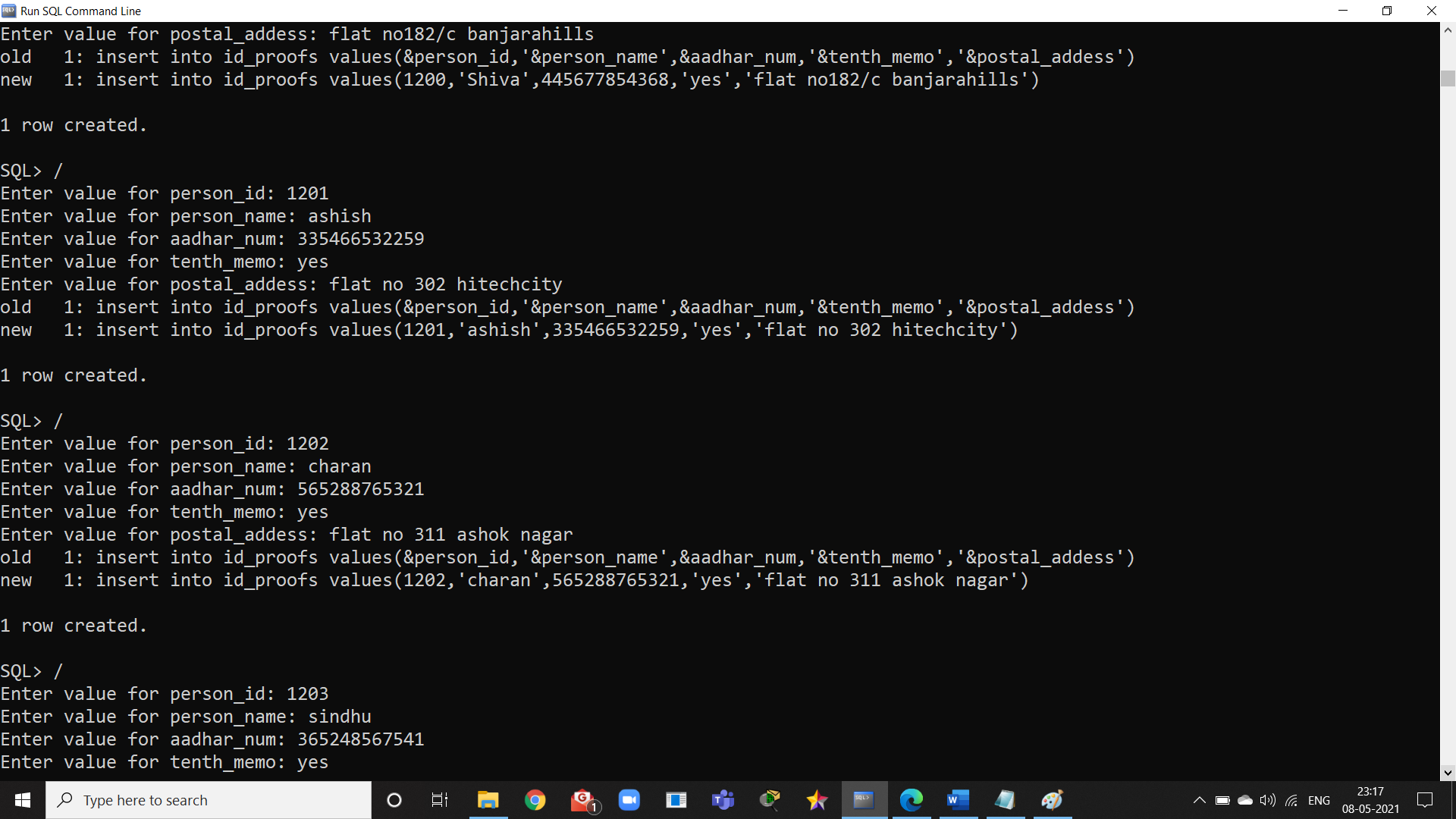
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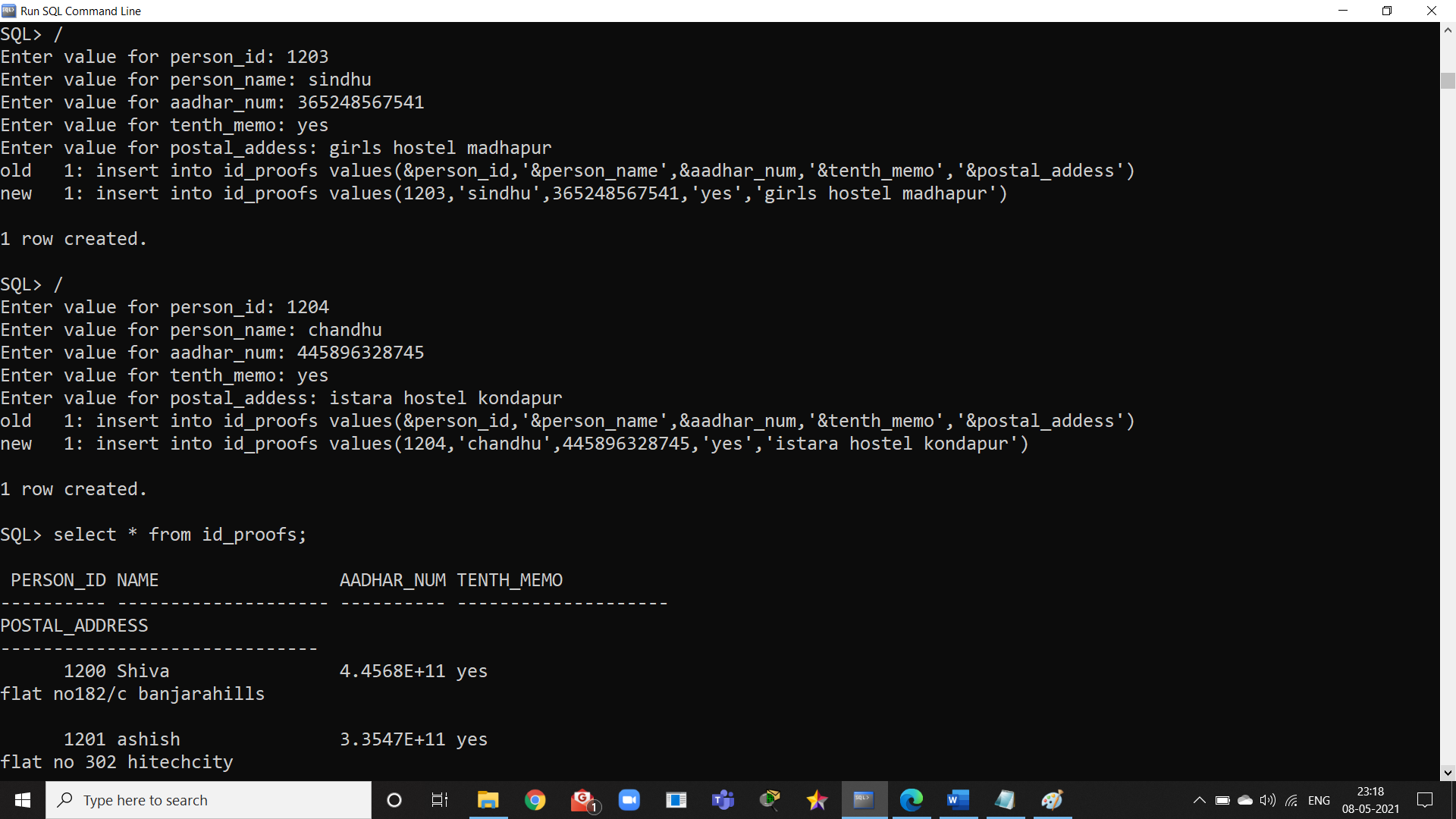


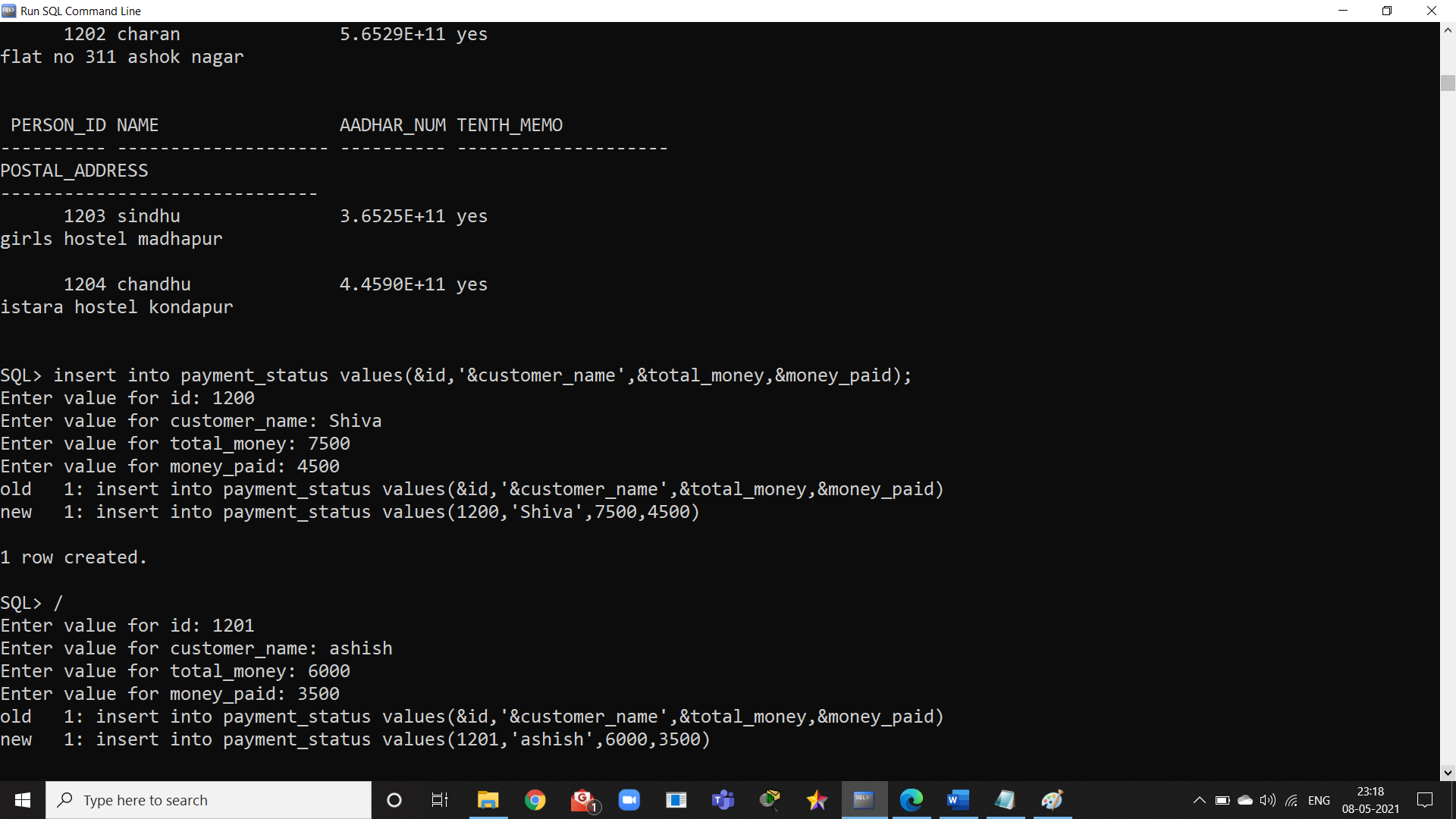
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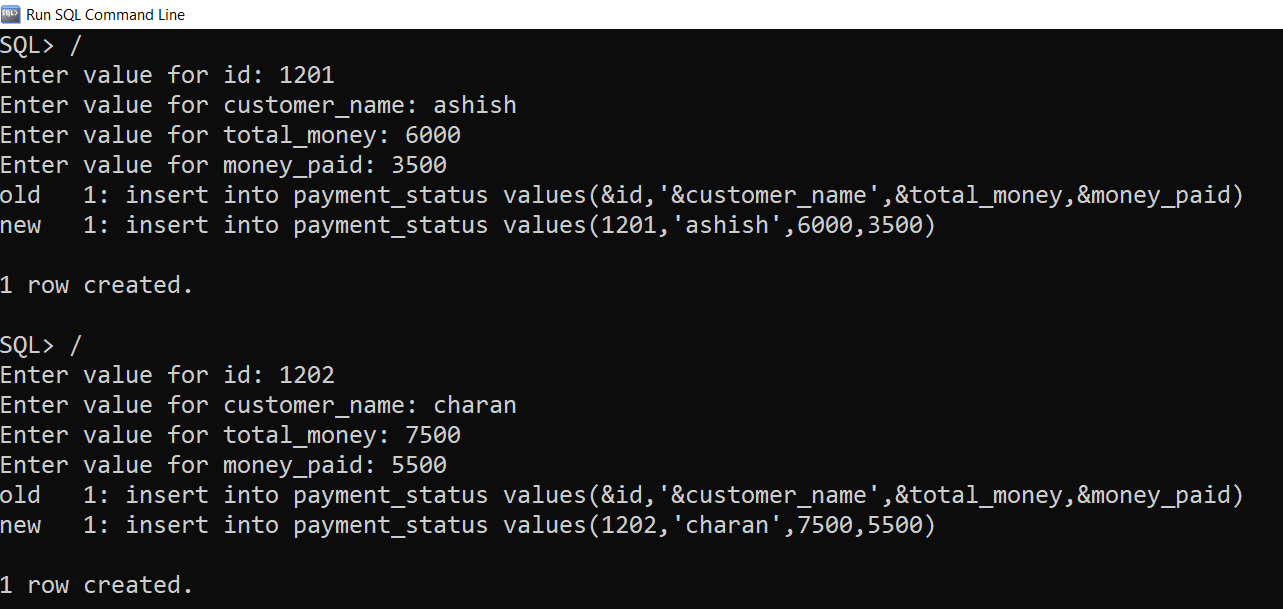


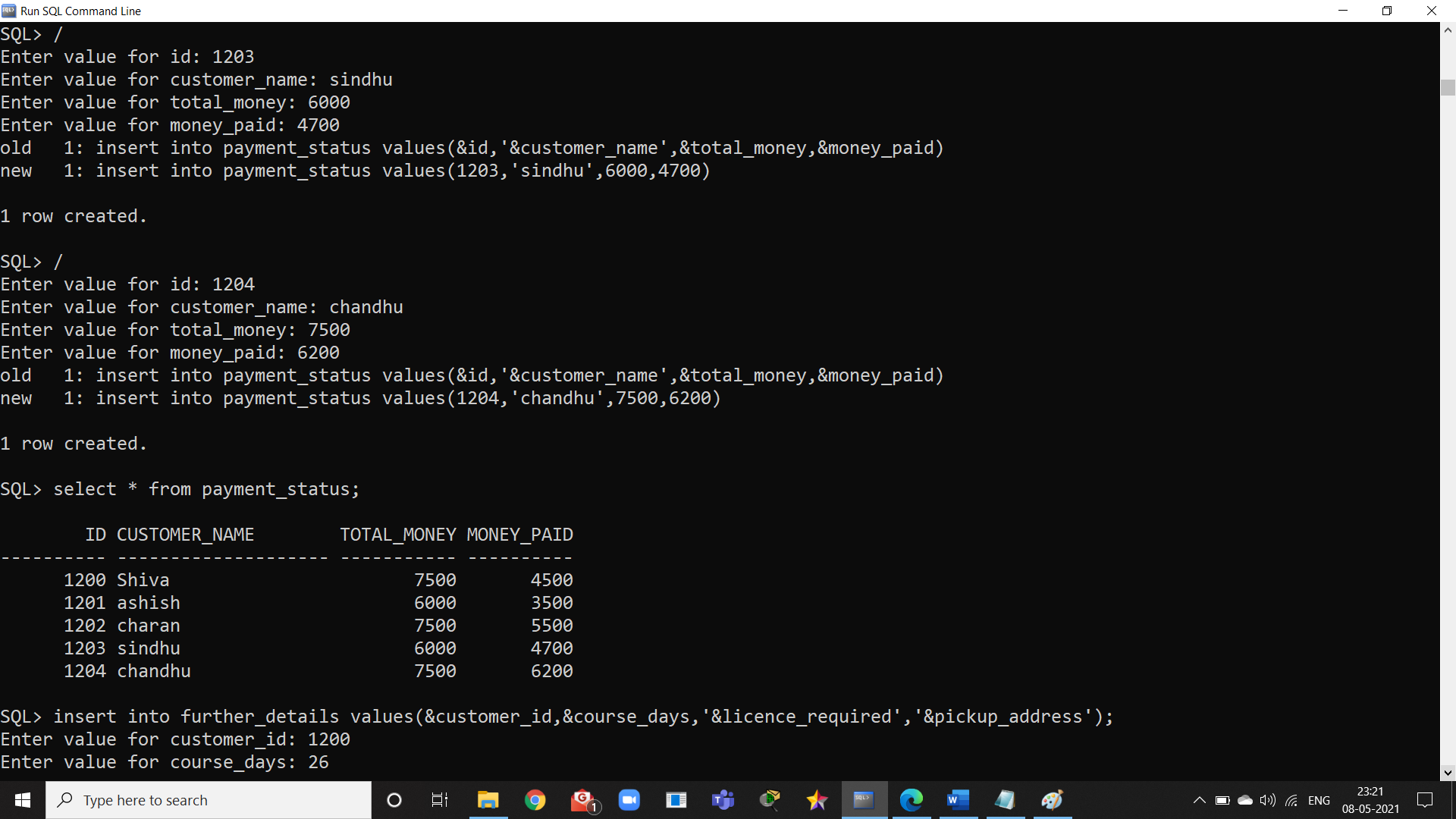
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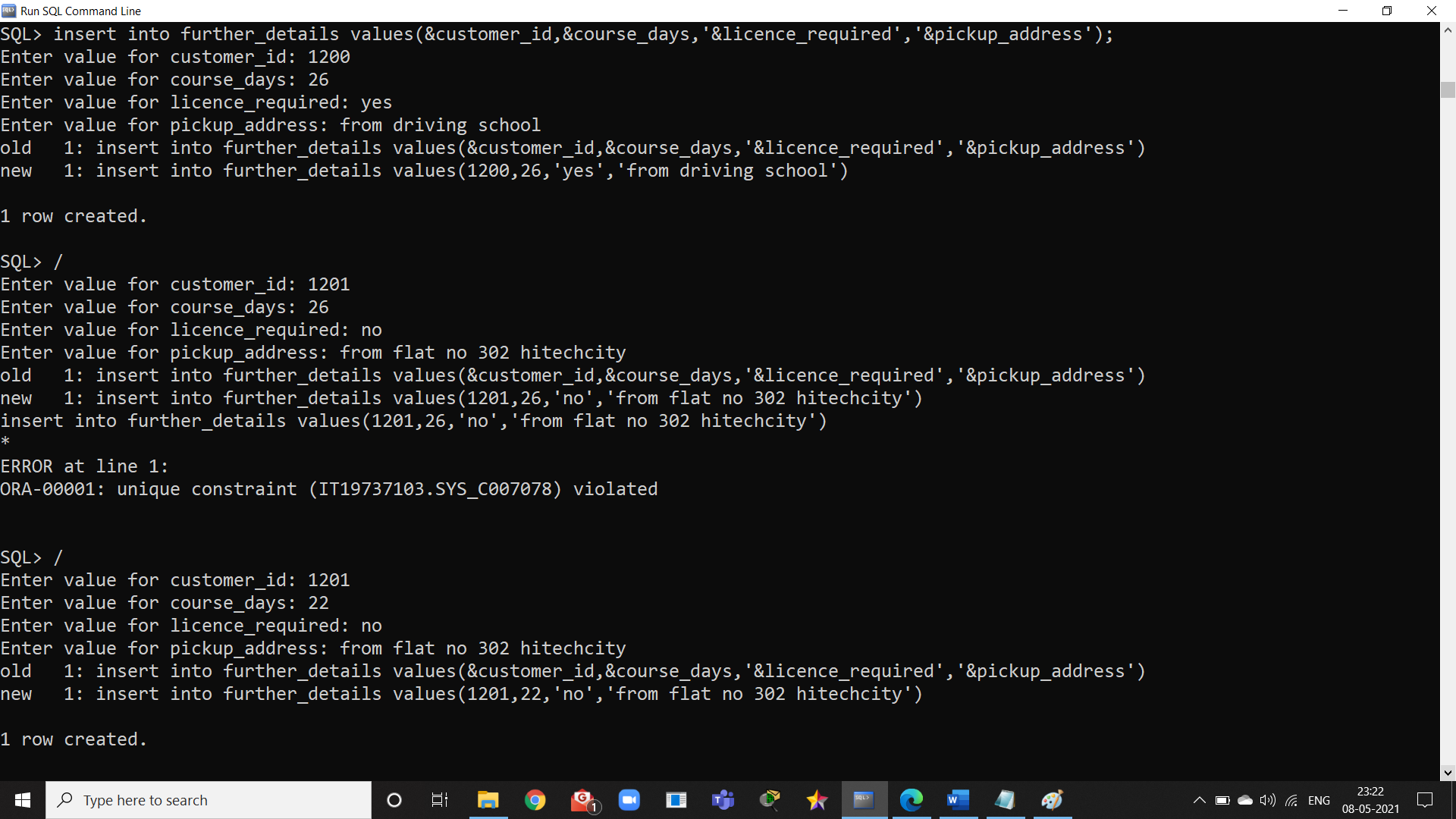


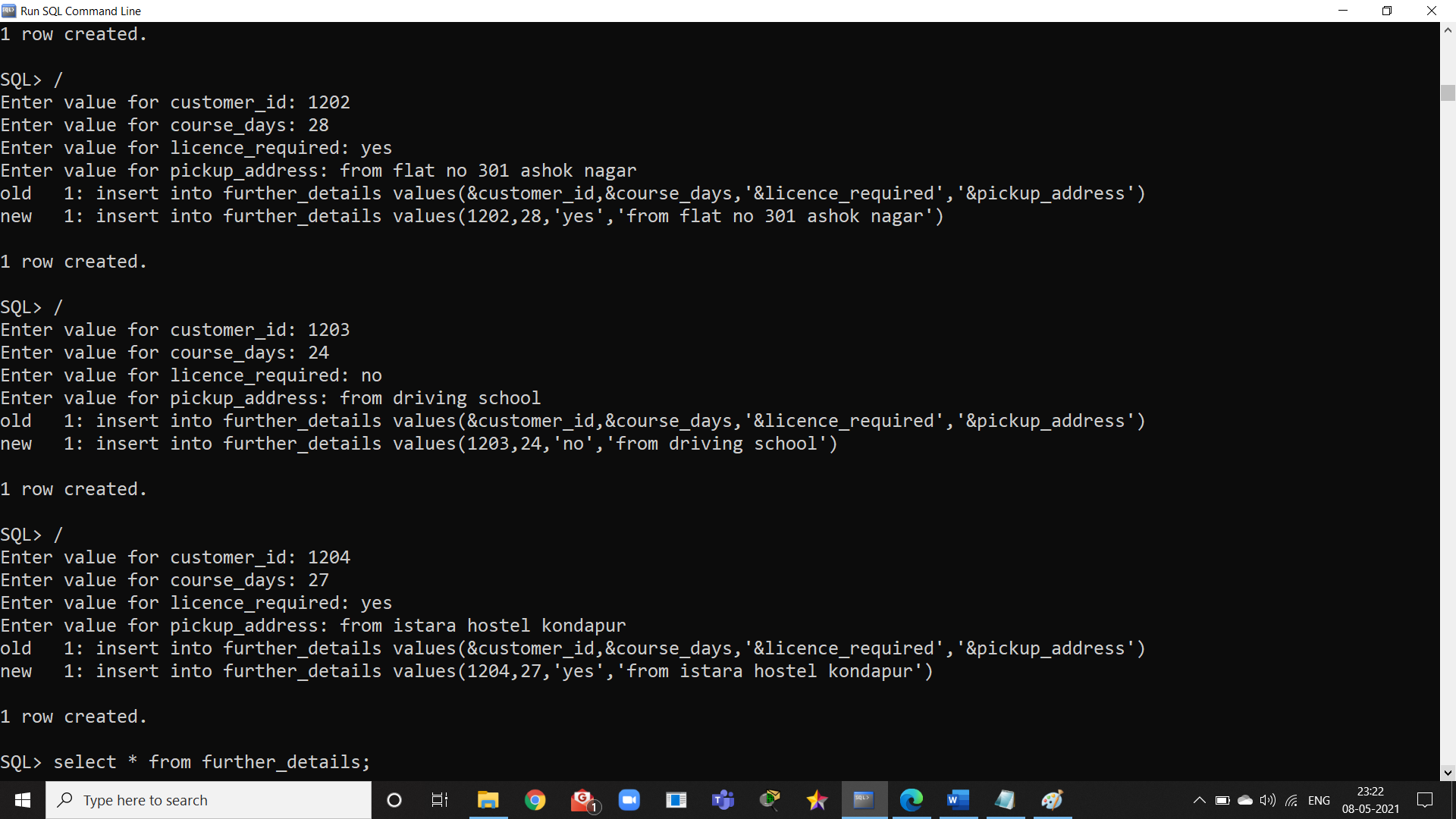
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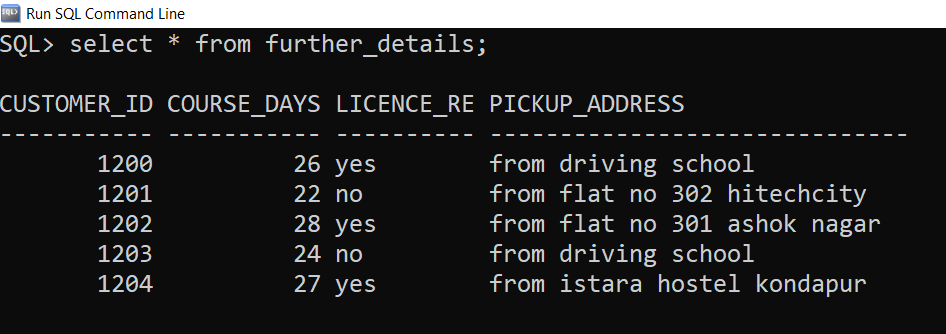


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**IMPLEMENTATION**

**Front end programs and its connectivity**

Java Database Connectivity (JDBC) is an application programming interface (API) for the programming language Java, which defines how a client may access a database. It is a Java-based data access technology used for Java database connectivity. It is part of the Java Standard Edition platform, from Oracle Corporation. It provides methods to query and update data in a database and is oriented towards relational databases.The connection to the database can be performed using Java programming (JDBC API) as:

**public void** connectToDB()

{

try{

connection=

DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","it19737103","vasavi");

statement = connection.createStatement();

}

catch (SQLException connectException)

{

System.out.println(connectException.getMessage()); System.out.println(connectException.getSQLState()); System.out.println(connectException.getErrorCode()); System.exit(1);

}

}

Thus, the connection from Java to Oracle database is performed and therefore, can be used for updating tables in the database directly.

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**Driving School Management System Code:**

**MAIN CODE:**

import java.awt.EventQueue;

import java.awt.Image;

import javax.swing.JFrame;

import java.awt.Font;

import javax.swing.JLabel;

import javax.swing.JTabbedPane;

import javax.swing.JPanel;

import javax.swing.ImageIcon;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import javax.swing.JButton;

import java.awt.Color;

import java.awt.Button;

import javax.swing.SwingConstants;

import java.awt.Panel;

public class customize {

private JFrame frame;

private final JLabel lblNewLabel\_5 = new JLabel("New label");

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

customize window = new customize();

window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the application.

\*/

public customize() {

initialize();

this.frame.setVisible(true);

}

/\*\*

\* Initialize the contents of the frame.

\*/

private void initialize() {

frame = new JFrame();

frame.setBounds(100, 100, 662, 490);

frame.setTitle("DRIVING SCHOOL MANAGEMENT SYSTEM");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.getContentPane().setLayout(null);

JTabbedPane tabbedPane = new JTabbedPane(JTabbedPane.TOP);

tabbedPane.setBounds(10, 39, 641, 416);

frame.getContentPane().add(tabbedPane);

JPanel panel = new JPanel();

tabbedPane.addTab("CUSTOMERS", null, panel, null);

panel.setLayout(null);

JButton btnNewButton = new JButton("ADD CUSTOMER");

btnNewButton.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\add-icon1.png"));

btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 13));

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton) {

ADDCUSTOMER addcust=new ADDCUSTOMER();

}

}

});

btnNewButton.setBounds(21, 69, 195, 39);

panel.add(btnNewButton);

JButton btnNewButton\_1 = new JButton("EDIT CUSTOMER");

btnNewButton\_1.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\edit-icon.png"));

btnNewButton\_1.setFont(new Font("Tahoma", Font.BOLD, 13));

btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton\_1) {

EDITCUSTOMER editcust=new EDITCUSTOMER();

}

}

});

btnNewButton\_1.setBounds(21, 155, 195, 39);

panel.add(btnNewButton\_1);

JButton btnNewButton\_2 = new JButton("DELETE CUSTOMER");

btnNewButton\_2.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\delete-file-icon (1).png"));

btnNewButton\_2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton\_2) {

DELETECUSTOMER delcust=new DELETECUSTOMER();

}

}

});

btnNewButton\_2.setFont(new Font("Tahoma", Font.BOLD, 13));

btnNewButton\_2.setBounds(21, 238, 195, 39);

panel.add(btnNewButton\_2);

JButton btnNewButton\_3 = new JButton("VIEW CUSTOMERS");

btnNewButton\_3.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\eye-icon (1).png"));

btnNewButton\_3.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton\_3) {

VEIWCUSTOMERS veiwcust=new VEIWCUSTOMERS();

}

}

});

btnNewButton\_3.setFont(new Font("Tahoma", Font.BOLD, 13));

btnNewButton\_3.setBounds(21, 321, 195, 39);

panel.add(btnNewButton\_3);

JLabel lblNewLabel = new JLabel("");

lblNewLabel.setBounds(225, 10, 400, 369);

Image img = new ImageIcon(this.getClass().getResource("/login.png")).getImage();

lblNewLabel.setIcon(new ImageIcon(img));

lblNewLabel.setBounds(225,10,400,396);

panel.add(lblNewLabel);

JPanel panel\_1 = new JPanel();

tabbedPane.addTab("VEHICLE TIME", null, panel\_1, null);

panel\_1.setLayout(null);

JButton btnNewButton\_4 = new JButton("ADD VEHICLE\_TIME");

btnNewButton\_4.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\add-icon1.png"));

btnNewButton\_4.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_4.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

ADDVEHICLE addvech = new ADDVEHICLE();

}

});

btnNewButton\_4.setBounds(22, 62, 237, 41);

panel\_1.add(btnNewButton\_4);

JButton btnNewButton\_5 = new JButton("EDIT VEHICLE\_TIME");

btnNewButton\_5.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

EDITVEHICLE editvech = new EDITVEHICLE();

}

});

btnNewButton\_5.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\edit-icon.png"));

btnNewButton\_5.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_5.setBounds(22, 144, 237, 41);

panel\_1.add(btnNewButton\_5);

JButton btnNewButton\_6 = new JButton("DELETE VEHICLE\_TIME");

btnNewButton\_6.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

DELETEVEHICLE delvech = new DELETEVEHICLE();

}

});

btnNewButton\_6.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\delete-file-icon (1).png"));

btnNewButton\_6.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_6.setBounds(22, 228, 248, 41);

panel\_1.add(btnNewButton\_6);

JButton btnNewButton\_7 = new JButton("VIEW VECHILE\_TIME");

btnNewButton\_7.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

VIEWVEHICLE viewvech = new VIEWVEHICLE();

}

});

btnNewButton\_7.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_7.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\eye-icon (1).png"));

btnNewButton\_7.setBounds(22, 313, 237, 41);

panel\_1.add(btnNewButton\_7);

JLabel lblNewLabel\_1 = new JLabel("");

lblNewLabel\_1.setBounds(433, 62, 187, 296);

Image img1 = new ImageIcon(this.getClass().getResource("/time-icon1.png")).getImage();

lblNewLabel\_1.setIcon(new ImageIcon(img1));

lblNewLabel\_1.setBounds(300,62,320,296);

panel\_1.add(lblNewLabel\_1);

Panel panel\_2 = new Panel();

tabbedPane.addTab("FURTHER DETAILS", null, panel\_2, null);

JButton btnNewButton\_8 = new JButton("ADD FURTHER\_DETAILS");

btnNewButton\_8.setBounds(28, 55, 243, 41);

btnNewButton\_8.setHorizontalAlignment(SwingConstants.RIGHT);

btnNewButton\_8.setVerticalAlignment(SwingConstants.BOTTOM);

btnNewButton\_8.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_8.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\add-icon1.png"));

btnNewButton\_8.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

ADDDETAILS adddet = new ADDDETAILS();

}

});

panel\_2.setLayout(null);

panel\_2.add(btnNewButton\_8);

JButton btnNewButton\_9 = new JButton("EDIT FURTHER\_DETAILS");

btnNewButton\_9.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

EDITDETAILS eddet = new EDITDETAILS();

}

});

btnNewButton\_9.setBounds(28, 141, 247, 41);

btnNewButton\_9.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_9.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\edit-icon.png"));

panel\_2.add(btnNewButton\_9);

JButton btnNewButton\_10 = new JButton("DELETE FURTHER\_DETAILS");

btnNewButton\_10.setBounds(21, 224, 267, 41);

btnNewButton\_10.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\delete-file-icon (1).png"));

btnNewButton\_10.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

DELETEDETAILS deldet = new DELETEDETAILS();

}

});

btnNewButton\_10.setFont(new Font("Tahoma", Font.BOLD, 14));

panel\_2.add(btnNewButton\_10);

JButton btnNewButton\_11 = new JButton("VIEW FURTHER\_DETAILS");

btnNewButton\_11.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

VIEWDETAILS viewdet = new VIEWDETAILS();

}

});

btnNewButton\_11.setBounds(22, 306, 253, 41);

btnNewButton\_11.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\eye-icon (1).png"));

btnNewButton\_11.setFont(new Font("Tahoma", Font.BOLD, 14));

panel\_2.add(btnNewButton\_11);

JLabel lblNewLabel\_2 = new JLabel("");

lblNewLabel\_2.setBounds(315, 55, 300, 299);

Image img2 = new ImageIcon(this.getClass().getResource("/Details-icon1.png")).getImage();

lblNewLabel\_2.setIcon(new ImageIcon(img2));

lblNewLabel\_2.setBounds(315,55,300,299);

panel\_2.add(lblNewLabel\_2);

Panel panel\_3 = new Panel();

tabbedPane.addTab("STAFF DETAILS", null, panel\_3, null);

panel\_3.setLayout(null);

JButton btnNewButton\_12 = new JButton("ADD STAFF\_DETAILS");

btnNewButton\_12.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

ADDSTAFFDETAILS addstaff = new ADDSTAFFDETAILS();

}

});

btnNewButton\_12.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\add-icon1.png"));

btnNewButton\_12.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_12.setBounds(25, 44, 226, 42);

panel\_3.add(btnNewButton\_12);

JButton btnNewButton\_13 = new JButton("EDIT STAFF\_DETAILS");

btnNewButton\_13.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

EDITSTAFFDETAILS edstaff = new EDITSTAFFDETAILS();

}

});

btnNewButton\_13.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\edit-icon.png"));

btnNewButton\_13.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_13.setBounds(25, 123, 226, 42);

panel\_3.add(btnNewButton\_13);

JButton btnNewButton\_14 = new JButton("DELETE STAFF\_DETAILS");

btnNewButton\_14.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

DELSTAFFDETAILS delstaff = new DELSTAFFDETAILS();

}

});

btnNewButton\_14.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\delete-file-icon (1).png"));

btnNewButton\_14.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_14.setBounds(25, 209, 241, 42);

panel\_3.add(btnNewButton\_14);

JButton btnNewButton\_15 = new JButton("VIEW STAFF\_DETAILS");

btnNewButton\_15.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

VIEWSTAFFDETAILS veiwstaff = new VIEWSTAFFDETAILS();

}

});

btnNewButton\_15.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\eye-icon (1).png"));

btnNewButton\_15.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_15.setBounds(25, 298, 241, 42);

panel\_3.add(btnNewButton\_15);

JLabel lblNewLabel\_3 = new JLabel("");

lblNewLabel\_3.setBounds(304, 47, 322, 319);

Image img3 = new ImageIcon(this.getClass().getResource("/Details-Icon2.png")).getImage();

lblNewLabel\_3.setIcon(new ImageIcon(img3));

lblNewLabel\_3.setBounds(310,50,325,320);

panel\_3.add(lblNewLabel\_3);

Panel panel\_4 = new Panel();

tabbedPane.addTab("ID\_PROOFS&POSTAL", null, panel\_4, null);

panel\_4.setLayout(null);

JButton btnNewButton\_16 = new JButton("ADDPROOFSPOSTAL");

btnNewButton\_16.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

ADDPROOFSPOSTAL addpos = new ADDPROOFSPOSTAL();

}

});

btnNewButton\_16.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\add-icon1.png"));

btnNewButton\_16.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_16.setBounds(30, 43, 239, 43);

panel\_4.add(btnNewButton\_16);

JButton btnNewButton\_17 = new JButton("EDITPROOFSPOSTAL");

btnNewButton\_17.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

EDITPROOFSPOSTAL edtpost = new EDITPROOFSPOSTAL();

}

});

btnNewButton\_17.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\edit-icon.png"));

btnNewButton\_17.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_17.setBounds(30, 124, 239, 43);

panel\_4.add(btnNewButton\_17);

JButton btnNewButton\_18 = new JButton("DELETEPROOFSPOSTAL");

btnNewButton\_18.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

DELPROOFSPOSTAL delpost = new DELPROOFSPOSTAL();

}

});

btnNewButton\_18.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\delete-file-icon (1).png"));

btnNewButton\_18.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_18.setBounds(30, 214, 239, 43);

panel\_4.add(btnNewButton\_18);

JButton btnNewButton\_19 = new JButton("VIEWPROOFSPOSTAL");

btnNewButton\_19.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\eye-icon (1).png"));

btnNewButton\_19.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

VIEWPROOFSPOSTAL viepos = new VIEWPROOFSPOSTAL();

}

});

btnNewButton\_19.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_19.setBounds(30, 305, 239, 43);

panel\_4.add(btnNewButton\_19);

JLabel lblNewLabel\_4 = new JLabel("");

lblNewLabel\_4.setBounds(319, 38, 284, 310);

Image img4 = new ImageIcon(this.getClass().getResource("/contact-icon.png")).getImage();

lblNewLabel\_4.setIcon(new ImageIcon(img4));

lblNewLabel\_4.setBounds(320,50,300,320);

panel\_4.add(lblNewLabel\_4);

Panel panel\_5 = new Panel();

tabbedPane.addTab("PAYMENT\_STATUS", null, panel\_5, null);

panel\_5.setLayout(null);

JButton btnNewButton\_20 = new JButton("ADDPAYMENT");

btnNewButton\_20.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\add-icon1.png"));

btnNewButton\_20.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_20.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

ADDPAYMENT addpay = new ADDPAYMENT();

}

});

btnNewButton\_20.setBounds(27, 30, 197, 37);

panel\_5.add(btnNewButton\_20);

JButton btnNewButton\_21 = new JButton("EDIT PAYMENT");

btnNewButton\_21.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\edit-icon.png"));

btnNewButton\_21.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_21.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

EDITPAYMENT edpay = new EDITPAYMENT();

}

});

btnNewButton\_21.setBounds(27, 113, 197, 37);

panel\_5.add(btnNewButton\_21);

JButton btnNewButton\_22 = new JButton("DELETE PAYMENT");

btnNewButton\_22.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

DELETEPAYMENT delpay = new DELETEPAYMENT();

}

});

btnNewButton\_22.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\delete-file-icon (1).png"));

btnNewButton\_22.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_22.setBounds(27, 194, 197, 37);

panel\_5.add(btnNewButton\_22);

JButton btnNewButton\_23 = new JButton("VIEW PAYMENT");

btnNewButton\_23.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

VIEWPAYMENT vpay = new VIEWPAYMENT();

}

});

btnNewButton\_23.setIcon(new ImageIcon("C:\\Users\\lukka\\Pictures\\Saved Pictures\\eye-icon (1).png"));

btnNewButton\_23.setFont(new Font("Tahoma", Font.BOLD, 14));

btnNewButton\_23.setBounds(27, 274, 197, 37);

panel\_5.add(btnNewButton\_23);

JLabel lblNewLabel\_6 = new JLabel("");

lblNewLabel\_6.setBounds(270, 44, 322, 312);

Image img5 = new ImageIcon(this.getClass().getResource("/rep-icon.png")).getImage();

lblNewLabel\_6.setIcon(new ImageIcon(img5));

lblNewLabel\_6.setBounds(320,50,300,320);

panel\_5.add(lblNewLabel\_6);

}

}

**ADD DETAILS:**

//import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Image;

import javax.swing.JTextField;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.PreparedStatement;

import java.awt.event.ActionEvent;

import javax.swing.SwingConstants;

public class ADDDETAILS {

private JFrame frame;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

Connection con;

Statement stmt;

ResultSet rs;

private JTextField textField\_3;

//private JTextField textField\_4;

/\*\*

\* Create the application.

\*/

public ADDDETAILS() {

try

{

Class.forName("oracle.jdbc.driver.OracleDriver");

}

catch (Exception e)

{

System.err.println("Unable to find and load driver");

System.exit(1);

}

connectToDB();

initialize();

this.frame.setVisible(true);

}

void connectToDB()

{

try

{

con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","it19737103","vasavi");

stmt = con.createStatement();

}

catch (SQLException connectException)

{

System.out.println(connectException.getMessage());

System.out.println(connectException.getSQLState());

System.out.println(connectException.getErrorCode());

System.exit(1);

}

}

/\*\*

\* Initialize the contents of the frame.

\*/

private void initialize() {

frame = new JFrame();

frame.setBounds(100, 100, 926, 506);

frame.setTitle("DRIVING SCHOOL MANAGEMENT SYSTEM");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.getContentPane().setLayout(null);

JLabel lblNewLabel = new JLabel("CUSTOMER\_ID:");

lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel.setBounds(87, 50, 132, 29);

frame.getContentPane().add(lblNewLabel);

JLabel lblNewLabel\_1 = new JLabel("COURSE\_DAYS:");

lblNewLabel\_1.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_1.setBounds(87, 89, 181, 32);

frame.getContentPane().add(lblNewLabel\_1);

JLabel lblNewLabel\_2 = new JLabel("LICENCE\_REQUIRED:");

lblNewLabel\_2.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_2.setBounds(87, 131, 181, 39);

frame.getContentPane().add(lblNewLabel\_2);

textField = new JTextField();

textField.setBounds(299, 43, 189, 28);

frame.getContentPane().add(textField);

textField.setColumns(10);

textField\_1 = new JTextField();

textField\_1.setBounds(299, 94, 189, 28);

frame.getContentPane().add(textField\_1);

textField\_1.setColumns(10);

textField\_2 = new JTextField();

textField\_2.setBounds(299, 137, 190, 31);

frame.getContentPane().add(textField\_2);

textField\_2.setColumns(10);

/\*btnNewButton\_1.setFont(new Font("Tahoma", Font.BOLD, 16));

btnNewButton\_1.setBounds(488, 395, 120, 39);

frame.getContentPane().add(btnNewButton\_1);

\*/

JLabel lblNewLabel\_3 = new JLabel("PICKUP\_ADDRESS:");

lblNewLabel\_3.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_3.setBounds(87, 180, 162, 32);

frame.getContentPane().add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setBounds(299, 178, 189, 28);

frame.getContentPane().add(textField\_3);

textField\_3.setColumns(10);

/\*JLabel lblNewLabel\_4 = new JLabel("VEHICLE\_NAME:");

lblNewLabel\_4.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_4.setBounds(87, 229, 162, 28);

frame.getContentPane().add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setBounds(299, 231, 189, 29);

frame.getContentPane().add(textField\_4);

textField\_4.setColumns(10);

JLabel lblNewLabel\_5 = new JLabel("EMAIL\_ID:");

lblNewLabel\_5.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_5.setBounds(103, 279, 132, 28);

frame.getContentPane().add(lblNewLabel\_5);

textField\_5 = new JTextField();

textField\_5.setBounds(299, 283, 189, 26);

frame.getContentPane().add(textField\_5);

textField\_5.setColumns(10);

JLabel lblNewLabel\_6 = new JLabel("ADDRESS:");

lblNewLabel\_6.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_6.setBounds(103, 331, 120, 26);

frame.getContentPane().add(lblNewLabel\_6);

textField\_6 = new JTextField();

textField\_6.setBounds(299, 324, 189, 32);

frame.getContentPane().add(textField\_6);

textField\_6.setColumns(10);\*/

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

JButton btnNewButton = new JButton("SUBMIT");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton) {

int customer\_id;

int course\_days;

String licence\_required;

customer\_id = Integer.parseInt(textField.getText());

course\_days = Integer.parseInt(textField\_1.getText());

licence\_required = textField\_2.getText();

String pickup\_address = textField\_3.getText();

// String vehicle\_name = textField\_4.getText();

//String email\_id = textField\_5.getText();

//String address = textField\_6.getText();

try {

PreparedStatement pstmt = con.prepareStatement("insert into further\_details(customer\_id,course\_days,licence\_required,pickup\_address) values (?,?,?,?)");

pstmt.setInt(1, customer\_id);

pstmt.setInt(2, course\_days);

pstmt.setString(3, licence\_required);

pstmt.setString(4, pickup\_address);

// pstmt.setString(5, vehicle\_name);

// pstmt.setString(6, email\_id);

//pstmt.setString(7, address);

int i=pstmt.executeUpdate();

JOptionPane.showMessageDialog(null, "\nInserted " + i + " rows successfully");

}

catch(Exception E)

{

JOptionPane.showMessageDialog(null, "\nCheck the details!!!");

System.out.println(E);}

}

}

});

btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 16));

btnNewButton.setBounds(206, 395, 189, 39);

frame.getContentPane().add(btnNewButton);

JButton btnNewButton\_2 = new JButton("CLEAR");

btnNewButton\_2.setFont(new Font("Tahoma", Font.BOLD, 16));

btnNewButton\_2.setBounds(463, 397, 126, 39);

frame.getContentPane().add(btnNewButton\_2);

JLabel lblNewLabel\_7 = new JLabel("ADD DETAILS:");

lblNewLabel\_7.setVerticalAlignment(SwingConstants.TOP);

lblNewLabel\_7.setFont(new Font("Tahoma", Font.BOLD, 22));

lblNewLabel\_7.setBounds(513, 128, 389, 250);

Image img = new ImageIcon(this.getClass().getResource("/add-cust.png")).getImage();

lblNewLabel\_7.setIcon(new ImageIcon(img));

lblNewLabel\_7.setBounds(513, 146, 400,271);

frame.getContentPane().add(lblNewLabel\_7);

/\*JLabel lblNewLabel\_8 = new JLabel("");

lblNewLabel\_8.setBounds(564, 101, 311, 267);

Image img = new ImageIcon(this.getClass().getResource("/add-cust.png")).getImage();

lblNewLabel.setIcon(new ImageIcon(img));

lblNewLabel.setBounds(564, 101, 311, 267);

frame.getContentPane().add(lblNewLabel\_8);

\*/

//JButton btnNewButton\_2 = new JButton("clear");

btnNewButton\_2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton\_2) {

textField.setText("");

textField\_1.setText("");

textField\_2.setText("");

textField\_3.setText("");

// textField\_4.setText("");

//textField\_5.setText("");

// textField\_6.setText("");

}

}

});

}

}

**EDIT DETAILS:**

//import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Image;

import javax.swing.JTextField;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.PreparedStatement;

import java.awt.event.ActionEvent;

import javax.swing.SwingConstants;

public class EDITDETAILS {

private JFrame frame;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

Connection con;

Statement stmt;

ResultSet rs;

private JTextField textField\_3;

//private JTextField textField\_4;

/\*\*

\* Create the application.

\*/

public EDITDETAILS() {

try

{

Class.forName("oracle.jdbc.driver.OracleDriver");

}

catch (Exception e)

{

System.err.println("Unable to find and load driver");

System.exit(1);

}

connectToDB();

initialize();

this.frame.setVisible(true);

}

void connectToDB()

{

try

{

con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","it19737103","vasavi");

stmt = con.createStatement();

}

catch (SQLException connectException)

{

System.out.println(connectException.getMessage());

System.out.println(connectException.getSQLState());

System.out.println(connectException.getErrorCode());

System.exit(1);

}

}

/\*\*

\* Initialize the contents of the frame.

\*/

private void initialize() {

frame = new JFrame();

frame.setBounds(100, 100, 926, 506);

frame.setTitle("DRIVING SCHOOL MANAGEMENT SYSTEM");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.getContentPane().setLayout(null);

JLabel lblNewLabel = new JLabel("CUSTOMER\_ID:");

lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel.setBounds(87, 50, 132, 29);

frame.getContentPane().add(lblNewLabel);

JLabel lblNewLabel\_1 = new JLabel("COURSE\_DAYS:");

lblNewLabel\_1.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_1.setBounds(87, 89, 181, 32);

frame.getContentPane().add(lblNewLabel\_1);

JLabel lblNewLabel\_2 = new JLabel("LICENCE\_REQUIRED:");

lblNewLabel\_2.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_2.setBounds(87, 131, 181, 39);

frame.getContentPane().add(lblNewLabel\_2);

textField = new JTextField();

textField.setBounds(299, 43, 189, 28);

frame.getContentPane().add(textField);

textField.setColumns(10);

textField\_1 = new JTextField();

textField\_1.setBounds(299, 94, 189, 28);

frame.getContentPane().add(textField\_1);

textField\_1.setColumns(10);

textField\_2 = new JTextField();

textField\_2.setBounds(299, 137, 190, 31);

frame.getContentPane().add(textField\_2);

textField\_2.setColumns(10);

/\*btnNewButton\_1.setFont(new Font("Tahoma", Font.BOLD, 16));

btnNewButton\_1.setBounds(488, 395, 120, 39);

frame.getContentPane().add(btnNewButton\_1);

\*/

JLabel lblNewLabel\_3 = new JLabel("PICKUP\_ADDRESS:");

lblNewLabel\_3.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_3.setBounds(87, 180, 162, 32);

frame.getContentPane().add(lblNewLabel\_3);

textField\_3 = new JTextField();

textField\_3.setBounds(299, 178, 189, 28);

frame.getContentPane().add(textField\_3);

textField\_3.setColumns(20);

/\*

JLabel lblNewLabel\_4 = new JLabel("VEHICLE\_NAME:");

lblNewLabel\_4.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_4.setBounds(87, 229, 162, 28);

frame.getContentPane().add(lblNewLabel\_4);

textField\_4 = new JTextField();

textField\_4.setBounds(299, 231, 189, 29);

frame.getContentPane().add(textField\_4);

textField\_4.setColumns(10);

JLabel lblNewLabel\_5 = new JLabel("EMAIL\_ID:");

lblNewLabel\_5.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_5.setBounds(103, 279, 132, 28);

frame.getContentPane().add(lblNewLabel\_5);

textField\_5 = new JTextField();

textField\_5.setBounds(299, 283, 189, 26);

frame.getContentPane().add(textField\_5);

textField\_5.setColumns(10);

JLabel lblNewLabel\_6 = new JLabel("ADDRESS:");

lblNewLabel\_6.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel\_6.setBounds(103, 331, 120, 26);

frame.getContentPane().add(lblNewLabel\_6);

textField\_6 = new JTextField();

textField\_6.setBounds(299, 324, 189, 32);

frame.getContentPane().add(textField\_6);

textField\_6.setColumns(10);\*/

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

JButton btnNewButton = new JButton("MODIFY!");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton) {

int customer\_id;

int course\_days;

String licence\_required;

customer\_id = Integer.parseInt(textField.getText());

course\_days = Integer.parseInt(textField\_1.getText());

licence\_required = textField\_2.getText();

String pickup\_address = textField\_3.getText();

// String vehicle\_name = textField\_4.getText();

//String email\_id = textField\_5.getText();

//String address = textField\_6.getText();

try {

PreparedStatement pstmt = con.prepareStatement("update further\_details set customer\_id=(?),licence\_required=(?),pickup\_address=(?) where course\_days=(?)");

pstmt.setInt(1, customer\_id);

pstmt.setString(2, licence\_required);

pstmt.setString(3, pickup\_address);

pstmt.setInt(4, course\_days);

// pstmt.setString(5, vehicle\_name);

// pstmt.setString(6, email\_id);

//pstmt.setString(7, address);

int i=pstmt.executeUpdate();

JOptionPane.showMessageDialog(null, "\nUpdated " + i + " rows successfully");

}

catch(Exception E)

{

JOptionPane.showMessageDialog(null, "\nCheck the details!!!");

System.out.println(E);}

}

}

});

btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 16));

btnNewButton.setBounds(206, 395, 189, 39);

frame.getContentPane().add(btnNewButton);

JButton btnNewButton\_2 = new JButton("GET HELP");

btnNewButton\_2.setFont(new Font("Tahoma", Font.ITALIC, 16));

btnNewButton\_2.setBounds(463, 397, 126, 39);

frame.getContentPane().add(btnNewButton\_2);

JLabel lblNewLabel\_7 = new JLabel("EDIT DETAILS");

lblNewLabel\_7.setVerticalAlignment(SwingConstants.TOP);

lblNewLabel\_7.setFont(new Font("Tahoma", Font.BOLD, 22));

lblNewLabel\_7.setBounds(513, 128, 389, 250);

Image img = new ImageIcon(this.getClass().getResource("/Edit-cust.png")).getImage();

lblNewLabel\_7.setIcon(new ImageIcon(img));

lblNewLabel\_7.setBounds(513, 146, 400,271);

frame.getContentPane().add(lblNewLabel\_7);

btnNewButton\_2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton\_2) {

JOptionPane.showMessageDialog(null, "You can refer existing columns in view FURTHER DETAILS!!!");

}

}

});

}

}

**DELETE DETAILS:**

//import java.awt.EventQueue;

import javax.swing.JFrame;

//import javax.swing.JTextArea;

import java.awt.Font;

import java.awt.Image;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.ImageIcon;

import javax.swing.JButton;

//import java.awt.Color;

import java.awt.event.ActionListener;

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.awt.event.ActionEvent;

public class DELETEDETAILS {

private JFrame frame;

private JTextField textField;

//private JTextField textField\_1;

//private JTextField textField\_2;

Connection con;

Statement stmt;

ResultSet rs;

//private JTextField textField\_3;

/\*\*

\* Create the application.

\*/

public DELETEDETAILS() {

try

{

Class.forName("oracle.jdbc.driver.OracleDriver");

}

catch (Exception e)

{

System.err.println("Unable to find and load driver");

System.exit(1);

}

connectToDB();

initialize();

this.frame.setVisible(true);

}

void connectToDB()

{

try

{

con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","it19737103","vasavi");

stmt = con.createStatement();

}

catch (SQLException connectException)

{

System.out.println(connectException.getMessage());

System.out.println(connectException.getSQLState());

System.out.println(connectException.getErrorCode());

System.exit(1);

}

}

/\*\*

\* Initialize the contents of the frame.

\*/

private void initialize() {

frame = new JFrame();

frame.setBounds(100, 100, 854, 505);

frame.setTitle("DRIVING SCHOOL MANAGEMENT SYSTEM");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.getContentPane().setLayout(null);

JLabel lblNewLabel = new JLabel("COURSE\_DAYS:");

lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 16));

lblNewLabel.setBounds(124, 216, 139, 29);

frame.getContentPane().add(lblNewLabel);

textField = new JTextField();

textField.setBounds(272, 218, 96, 29);

frame.getContentPane().add(textField);

textField.setColumns(20);

JButton btnNewButton = new JButton("DELETE");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton) {

try {

int course\_days;

course\_days=Integer.parseInt(textField.getText());

PreparedStatement pstmt = con.prepareStatement("delete from further\_details where course\_days=(?)");

pstmt.setInt(1, course\_days);

int i=pstmt.executeUpdate();

JOptionPane.showMessageDialog(null, "\nDeleted " + i + " rows successfully");

}

catch(Exception E)

{

JOptionPane.showMessageDialog(null, "Wrong Entry!!!");

System.out.println(E);

}

}

}

});

btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 16));

btnNewButton.setBounds(160, 356, 104, 38);

frame.getContentPane().add(btnNewButton);

JButton btnNewButton\_1 = new JButton("GET HELP");

btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

if (e.getSource() == btnNewButton\_1) {

JOptionPane.showMessageDialog(null, "You can refer existing columns in view furter\_details!!!");

}

}

});

btnNewButton\_1.setFont(new Font("Tahoma", Font.BOLD, 15));

btnNewButton\_1.setBounds(342, 356, 104, 38);

frame.getContentPane().add(btnNewButton\_1);

JLabel lblNewLabel\_3 = new JLabel("DELETE VEHICLE RECORD");

lblNewLabel\_3.setFont(new Font("Monospaced", Font.BOLD, 27));

lblNewLabel\_3.setBounds(168, 37, 399, 47);

frame.getContentPane().add(lblNewLabel\_3);

JLabel lblNewLabel\_1 = new JLabel("");

lblNewLabel\_1.setBounds(458, 99, 356, 295);

Image img = new ImageIcon(this.getClass().getResource("/Delete-icon.png")).getImage();

lblNewLabel\_1.setIcon(new ImageIcon(img));

lblNewLabel\_1.setBounds(458,99,356,295);

frame.getContentPane().add(lblNewLabel\_1);

}

}

**VIEW DETAILS:**

//import java.awt.EventQueue;

//import javax.swing.ImageIcon;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.JTextPane;

import java.awt.Font;

//import java.awt.Image;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JTable;

import javax.swing.ListSelectionModel;

import javax.swing.table.DefaultTableModel;

//import javax.swing.JLabel;

public class VIEWDETAILS {

private JFrame frame;

private JTable table;

String[][] tbl=new String[100][100];

Connection con;

Statement stmt;

ResultSet rs;

//private JLabel lblNewLabel;

/\*\*

\* Create the application.

\*/

VIEWDETAILS() {

try

{

Class.forName("oracle.jdbc.driver.OracleDriver");

}

catch (Exception e)

{

System.err.println("Unable to find and load driver");

System.exit(1);

}

connectToDB();

initialize();

this.frame.setVisible(true);

}

void connectToDB()

{

try

{

con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","it19737103","vasavi");

stmt = con.createStatement();

}

catch (SQLException connectException)

{

System.out.println(connectException.getMessage());

System.out.println(connectException.getSQLState());

System.out.println(connectException.getErrorCode());

System.exit(1);

}

}

/\*\*

\* Initialize the contents of the frame.

\*/

private void initialize() {

frame = new JFrame();

frame.setTitle("DRIVING SCHOOL MANAGEMENT SYSTEM");

frame.setBounds(100, 100, 797, 503);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.getContentPane().setLayout(null);

JTextPane txtpnOfficerDetails = new JTextPane();

txtpnOfficerDetails.setFont(new Font("Monospaced", Font.BOLD, 24));

txtpnOfficerDetails.setText("FURTHER DETAILS");

txtpnOfficerDetails.setBounds(140, 23, 269, 32);

frame.getContentPane().add(txtpnOfficerDetails);

try {

ResultSet rs=stmt.executeQuery("select \* from further\_details");

int i=0;

while(rs.next()) {

tbl[i][0]=rs.getString(1);

tbl[i][1]=rs.getString(2);

tbl[i][2]=rs.getString(3);

tbl[i][3]=rs.getString(4);

/\*tbl[i][4]=rs.getString(5);

tbl[i][5]=rs.getString(6);

tbl[i][6]=rs.getString(7);\*/

i=i+1;

}

for(i=0;i<10;i++) {

System.out.println(tbl[i][0]+" "+tbl[i][1]+" "+tbl[i][2]+" "+tbl[i][3]+" ");

}

table = new JTable();

table.setRowSelectionAllowed(false);

table.setSurrendersFocusOnKeystroke(true);

table.setModel(new DefaultTableModel(

tbl,

new String[] {

"CUSTOMER\_ID", "COURSE\_DAYS", "LICENCE\_REQUIRED","PICKUP\_ADDRESS"

}

));

table.setSelectionMode(ListSelectionModel.SINGLE\_SELECTION);

table.setBounds(10, 72, 770, 150);

frame.getContentPane().add(table);

/\* lblNewLabel = new JLabel("");

lblNewLabel.setBounds(406, 10, 206, 141);

Image img = new ImageIcon(this.getClass().getResource("/people-2-icon.png")).getImage();

lblNewLabel.setIcon(new ImageIcon(img));

lblNewLabel.setBounds(225,10,400,396);

frame.getContentPane().add(lblNewLabel);

\*/}

catch(Exception E)

{

JOptionPane.showMessageDialog(null, "\nIncorrect Approach!");

System.out.println(E);

}

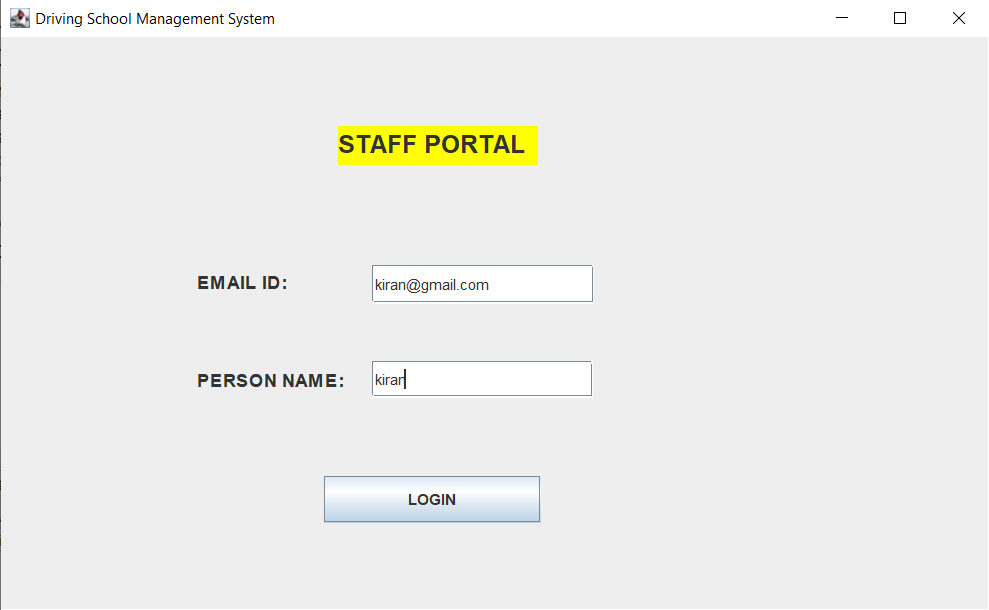
}

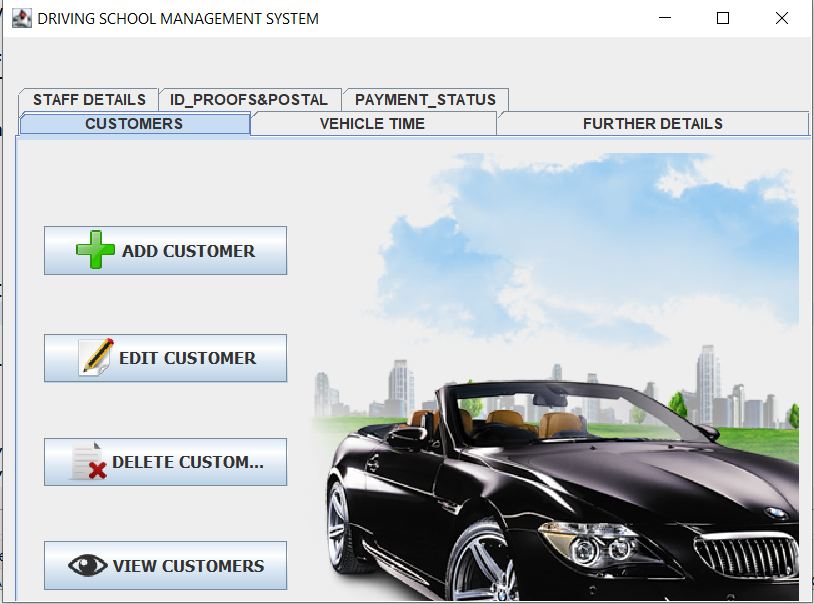
}

**GITHUB LINK:** https://github.com/shiva-103/DrivingSchoolManagementSystem

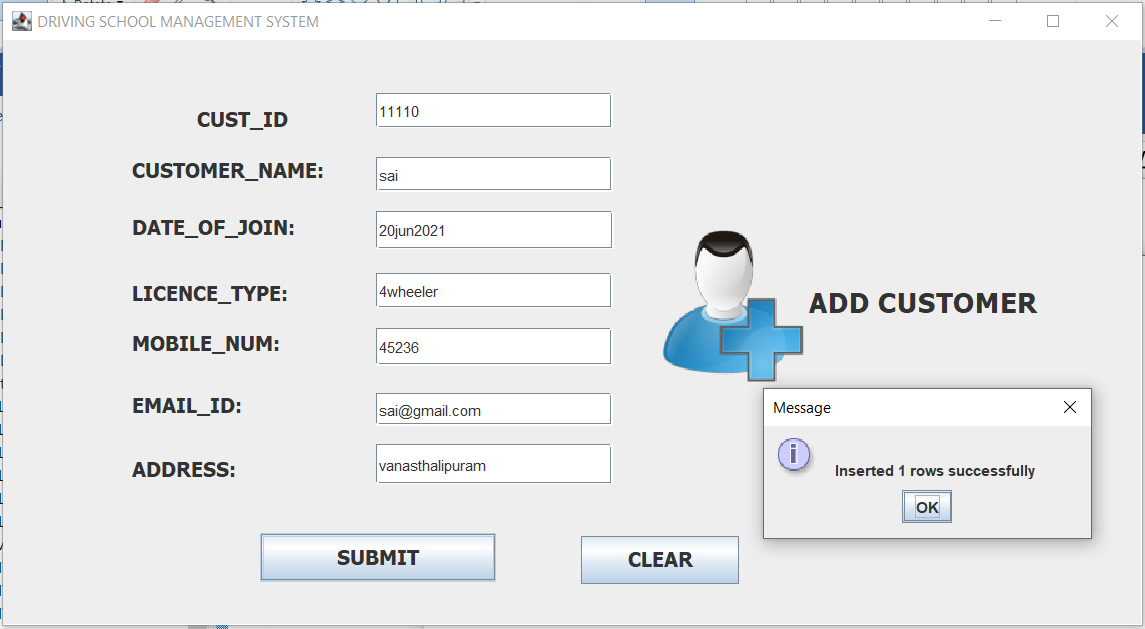
**OUTPUTS SCREENSHOTS:**

Login:

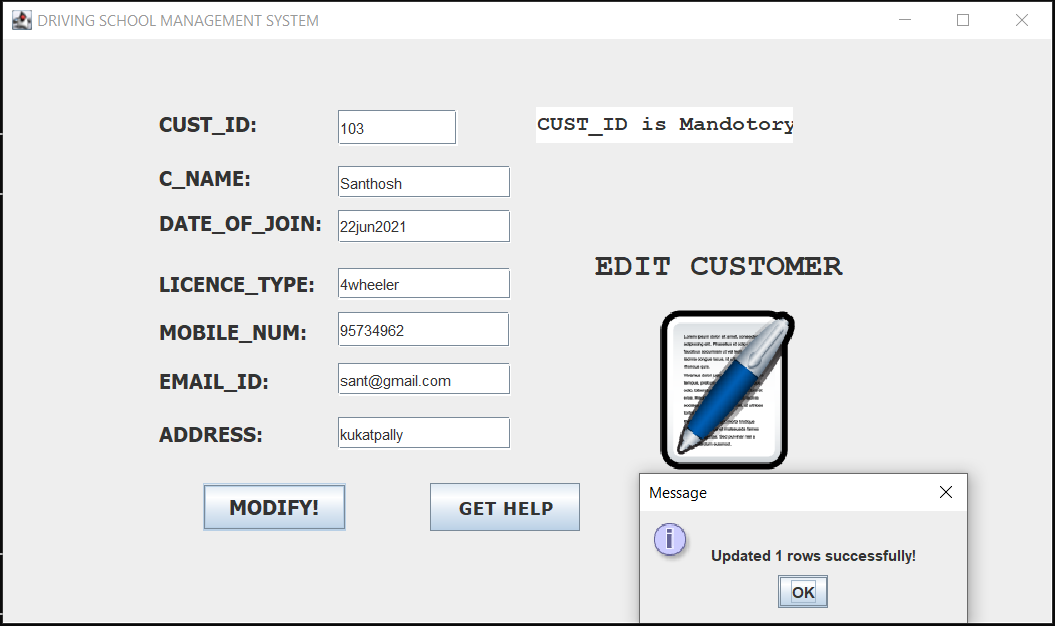
****After login:

****

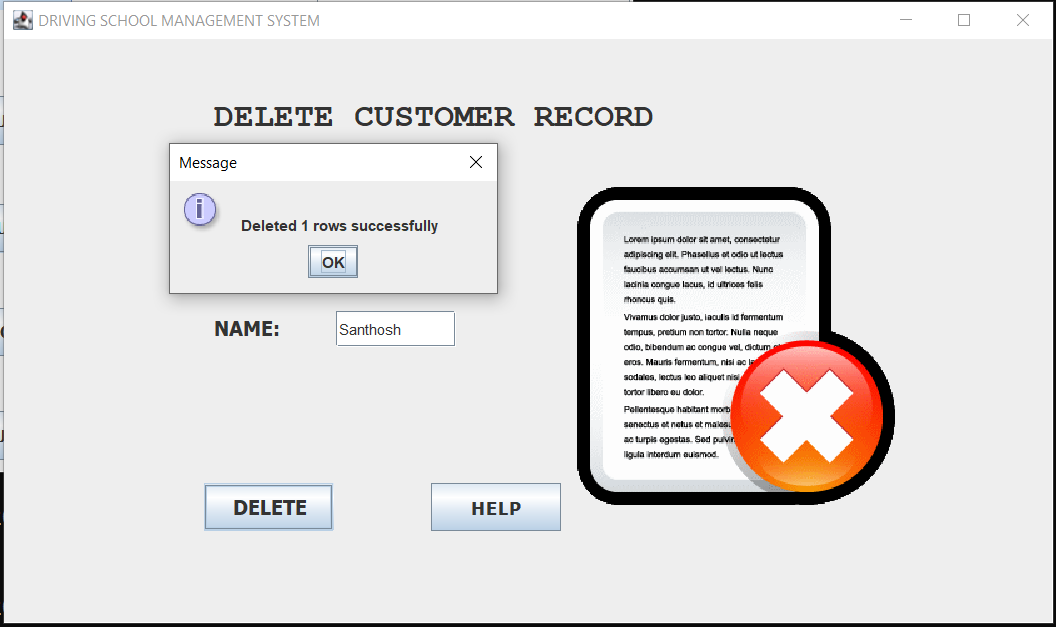
**ADD Customer:**

****

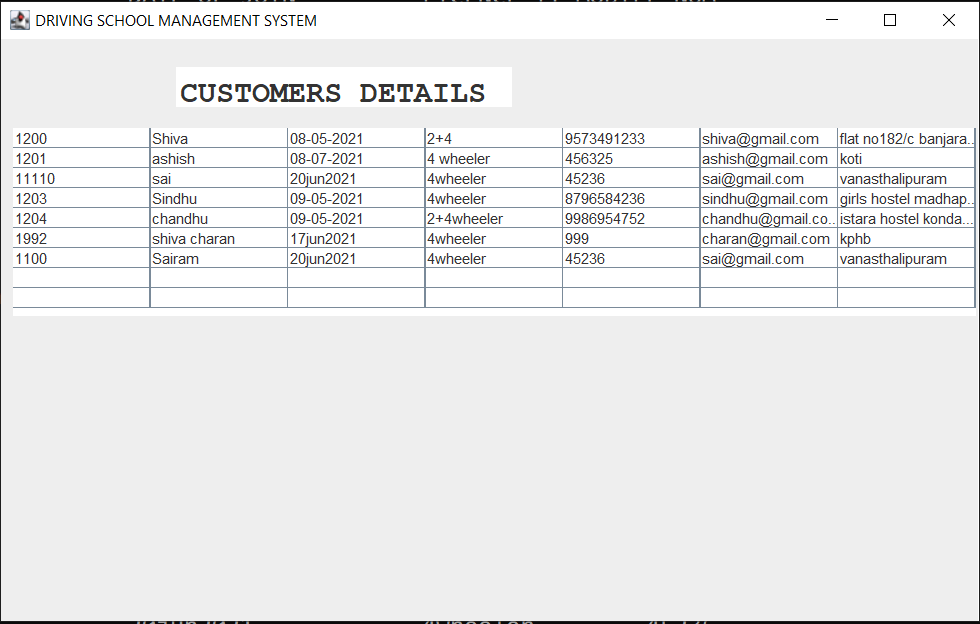
**EDIT CUSTOMER:**

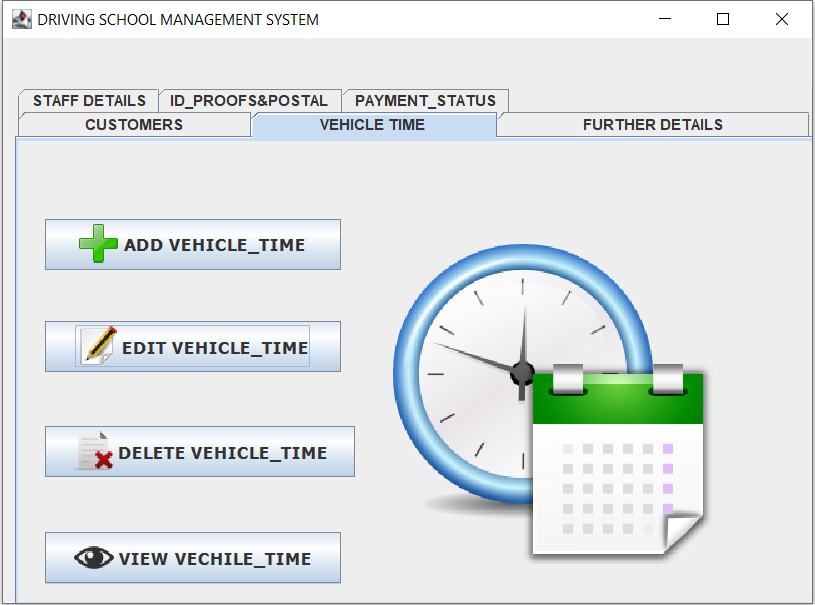
****

**DELETE CUSTOMER:**

****

**VIEW CUSTOMERS:**

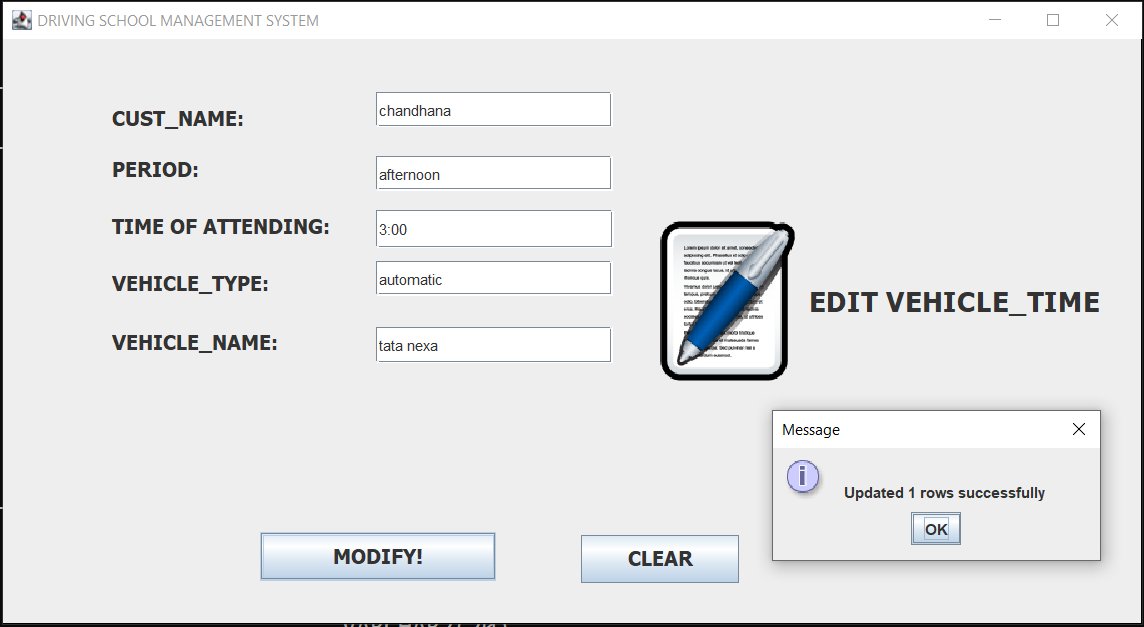
****

****

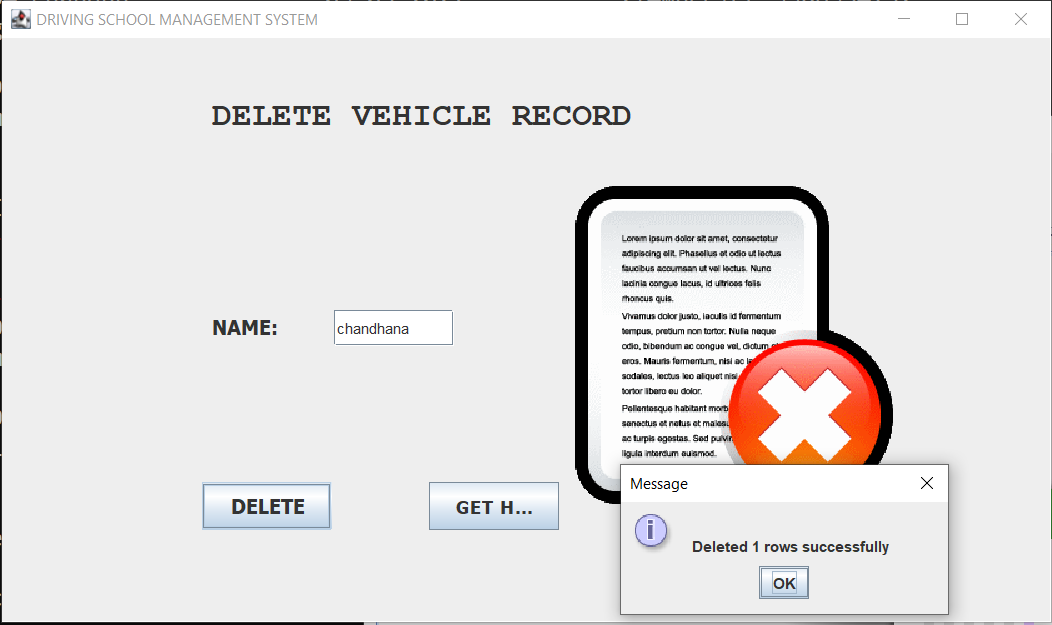
**ADD VEHICLE\_TIME:**

****

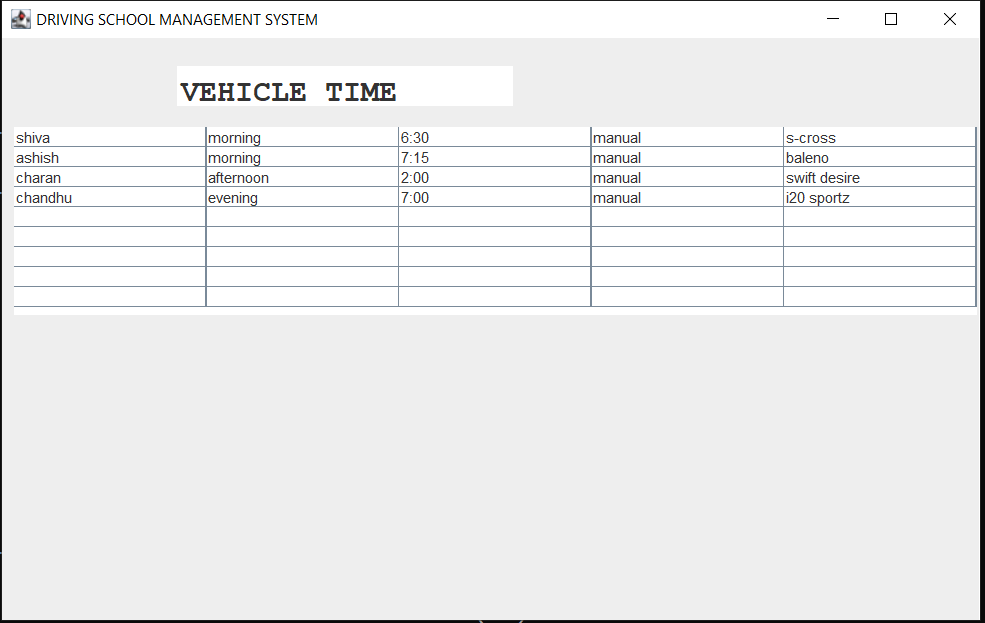
**EDIT VEHICLE\_TIME:**

****

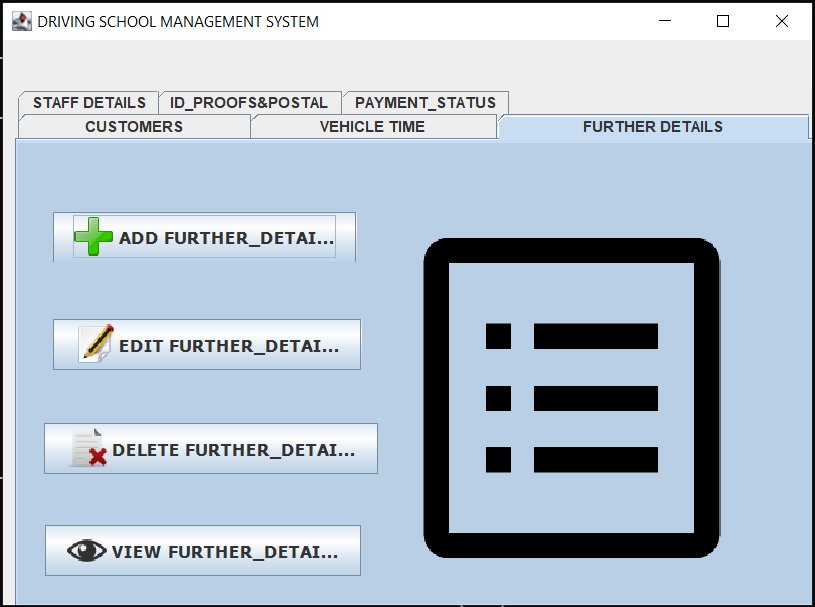
**DELETE VEHICLE\_TIME:**

****

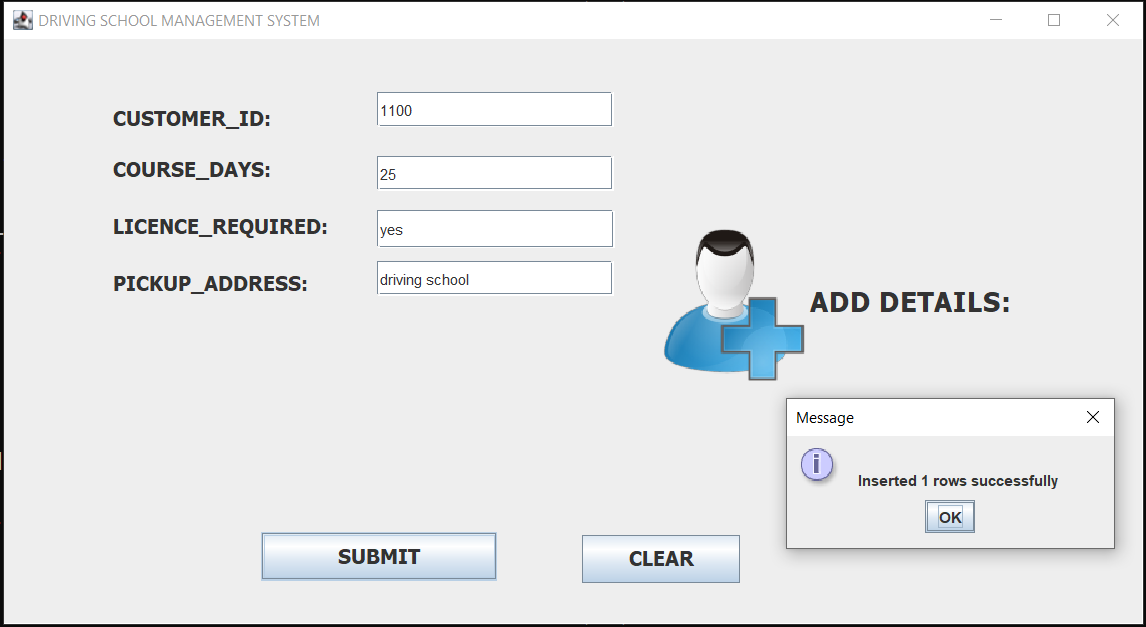
**VIEW VEHICLE\_TIME:**

****

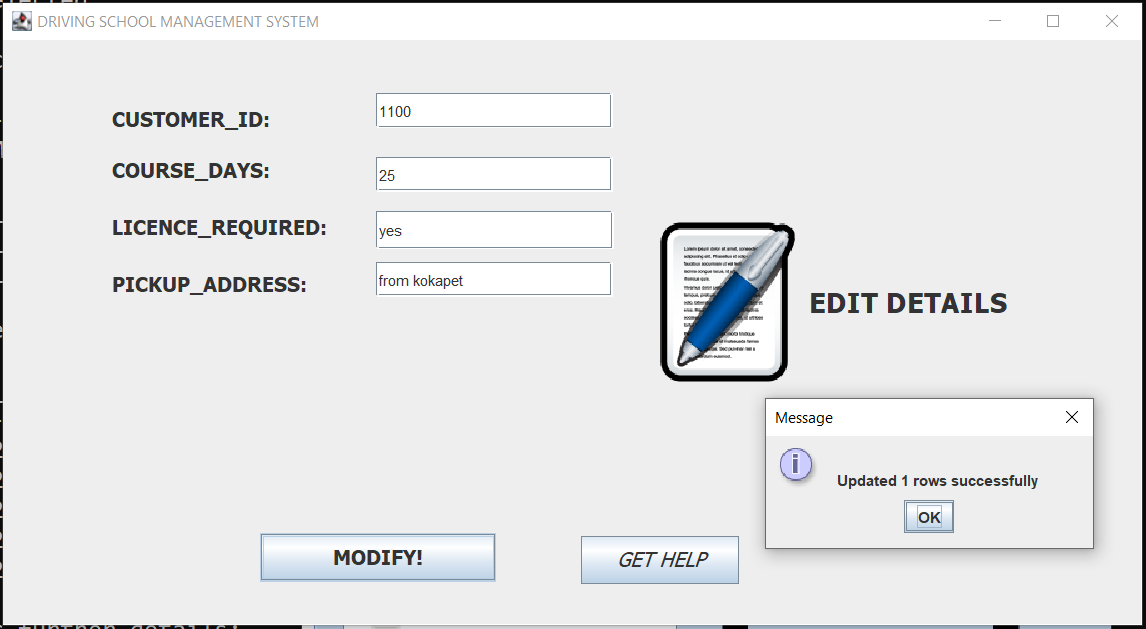
**FURTHER\_DETAILS:**

****

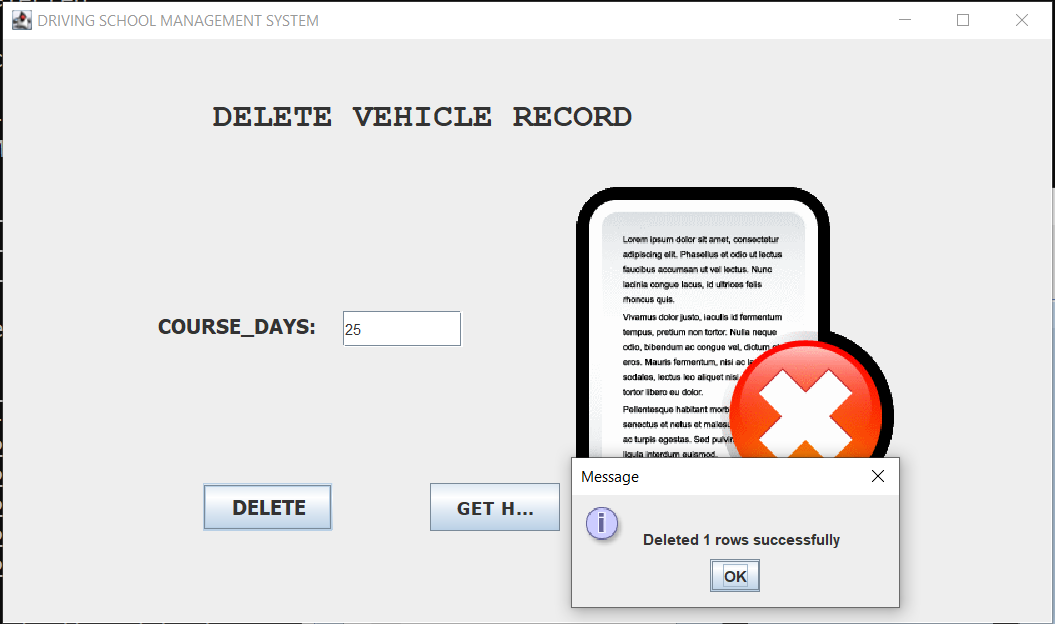
**ADD FURTHER\_DETAILS:**

****

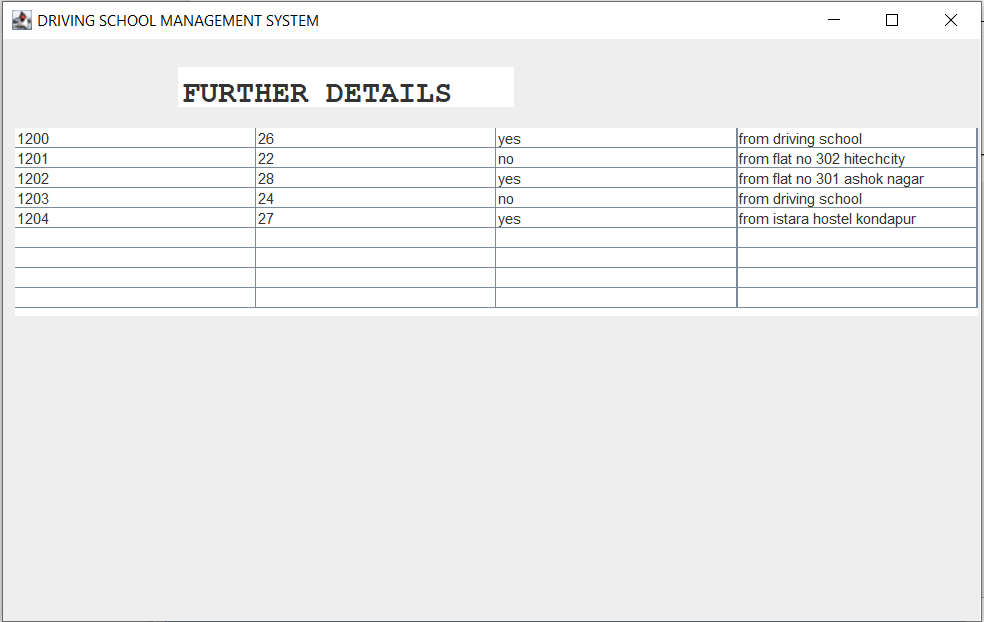
**EDIT FURTHER\_DETAILS:**

****

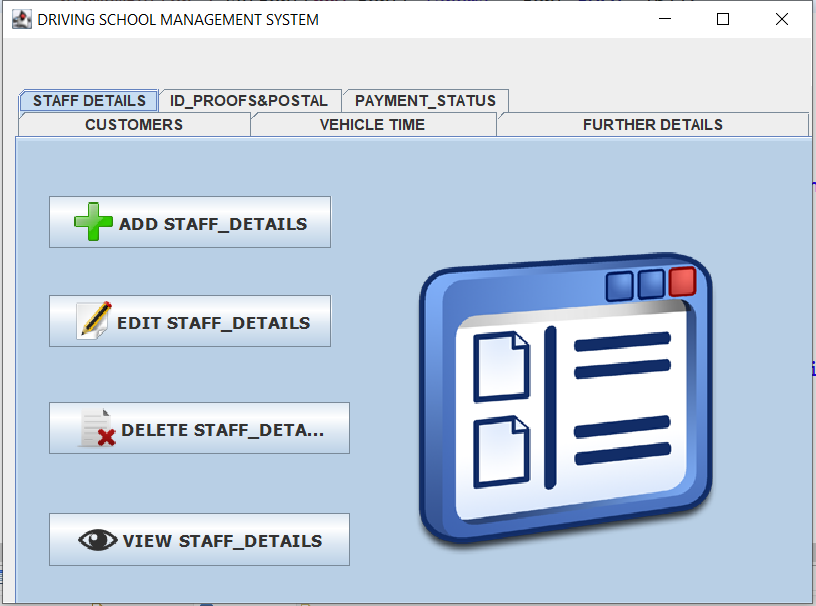
**DELETE FURTHER\_DETAILS:**

****

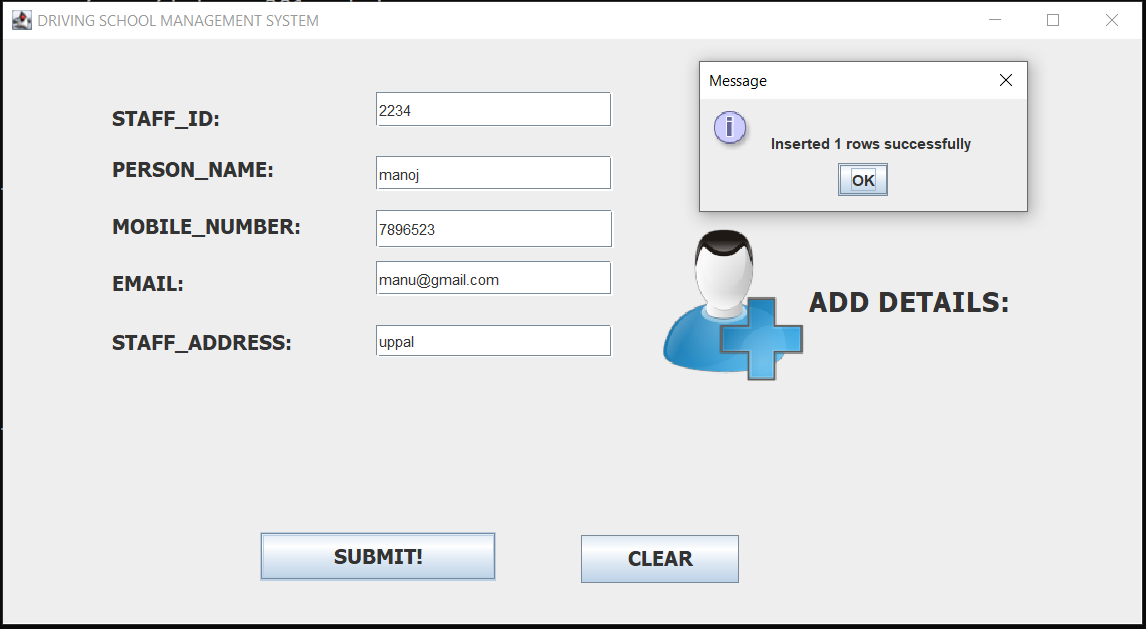
**VIEW FURTHER\_DETAILS:**

****

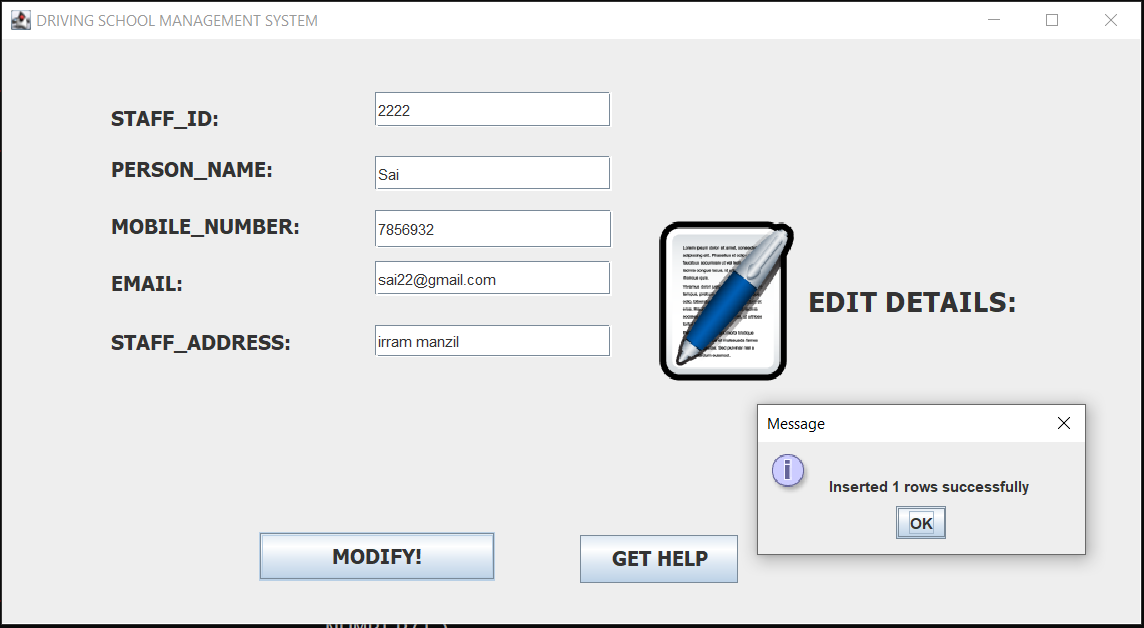
**STAFF\_DETAILS:**

****

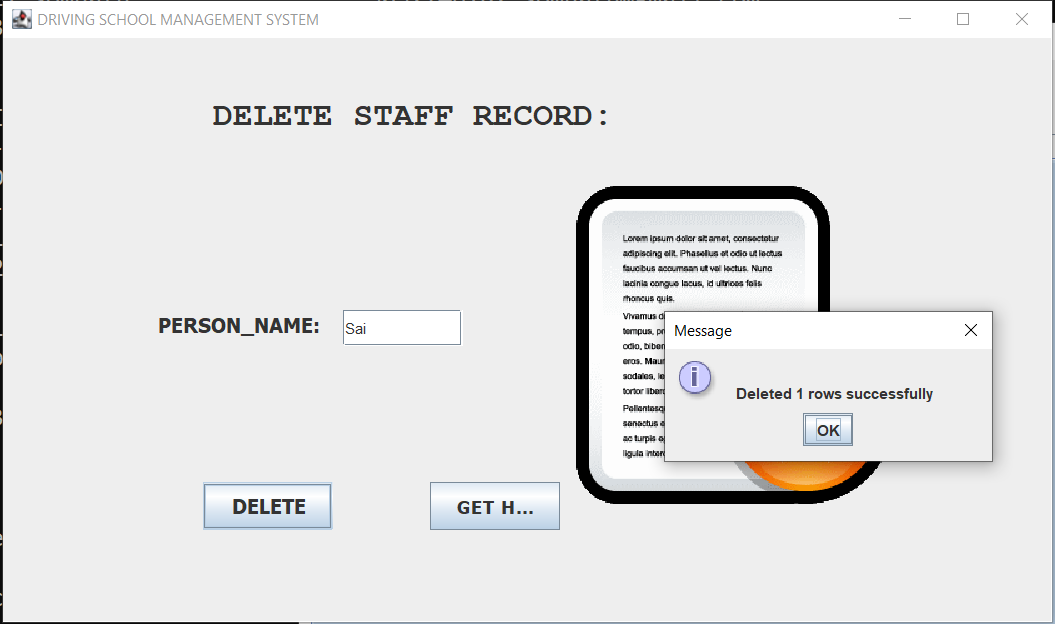
**ADD STAFF\_DETAILS:**

****

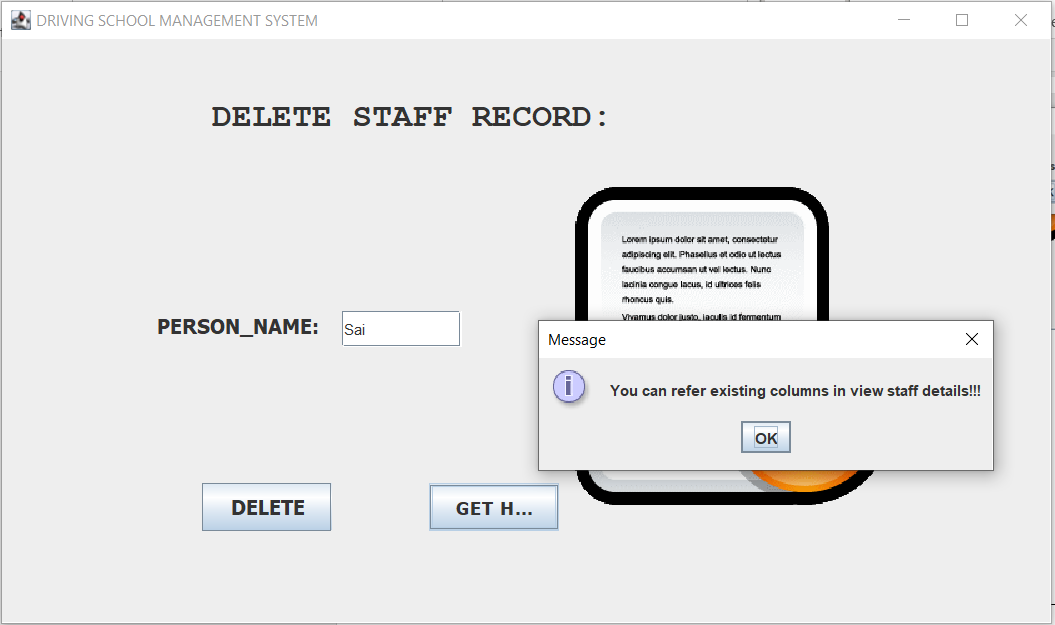
**EDIT STAFF\_DETAILS:**

****

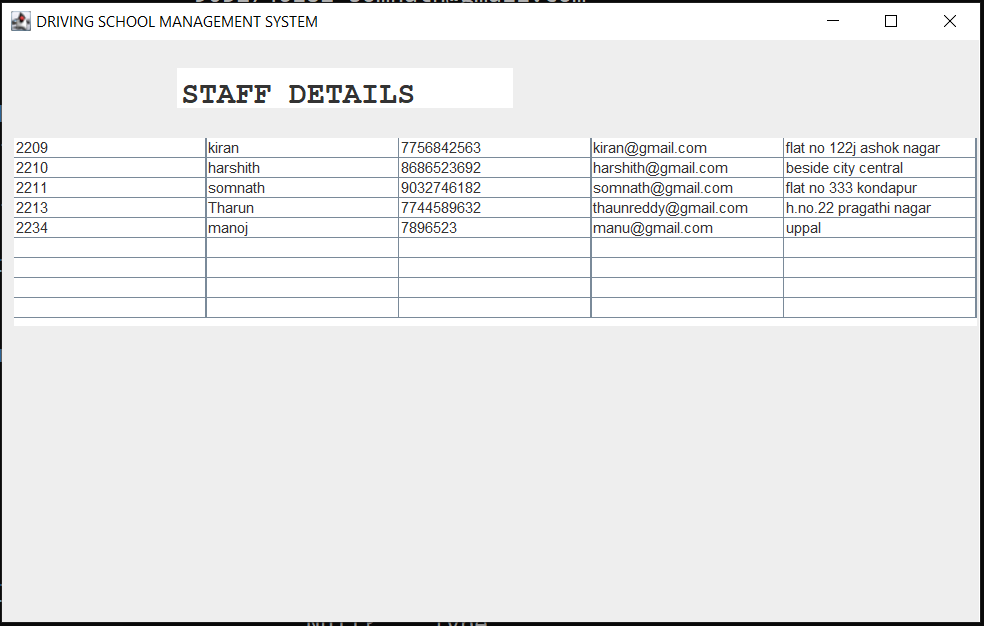
**DELETE STAFF\_DETAILS:**

****

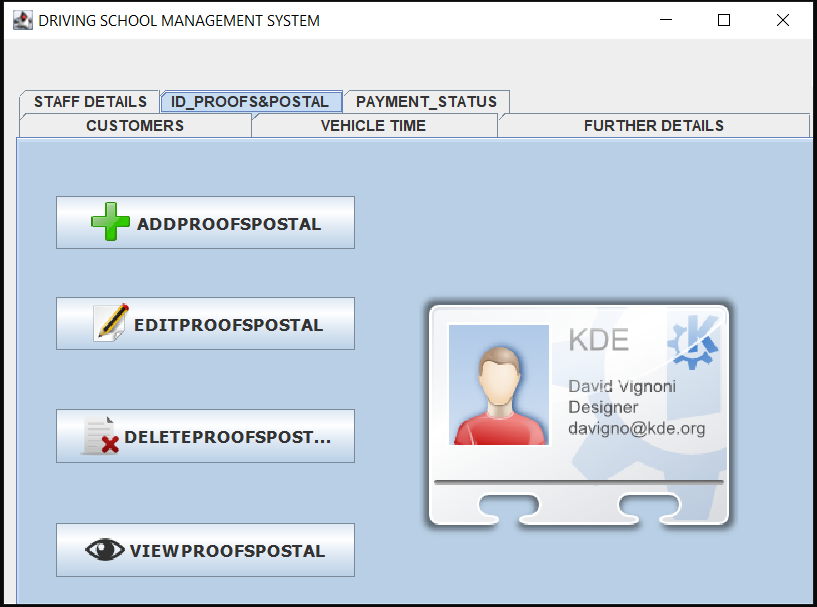
**ON CLICKING GET HELP:**

****

**VIEW STAFF\_DETAILS:**

****

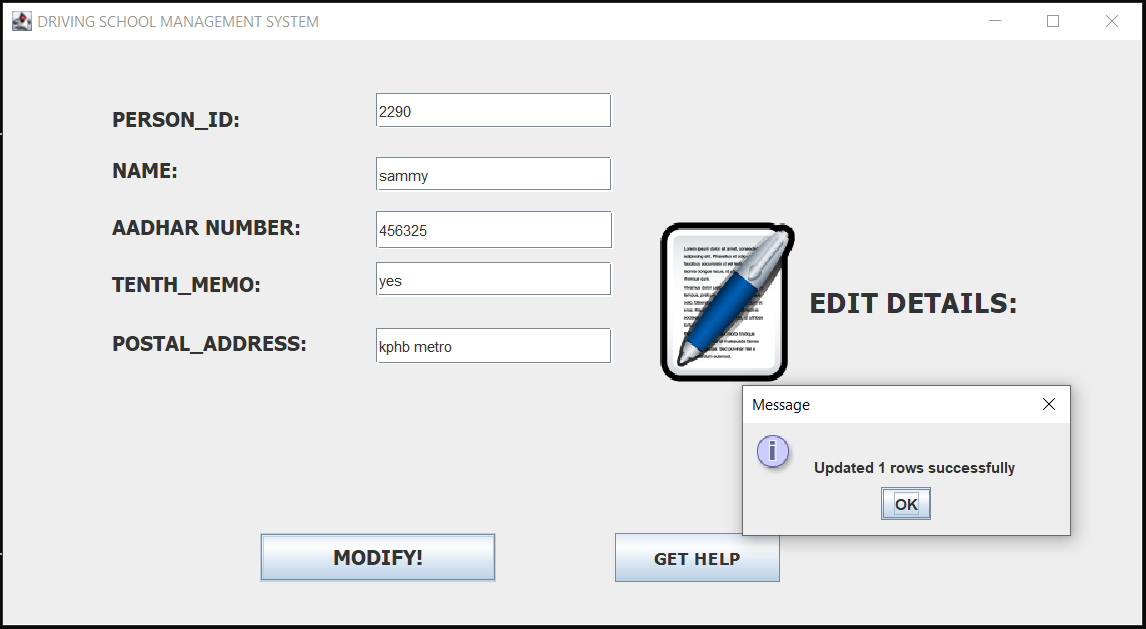
**ID PROOFS&POSTAL:**

****

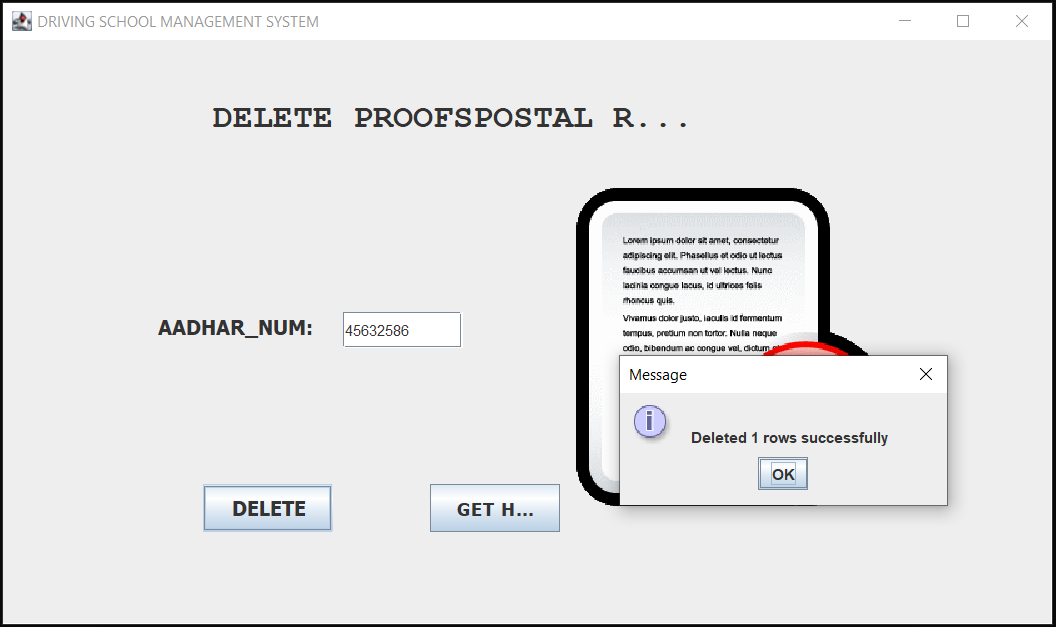
**ADD PROOSPOSTAL:**

****

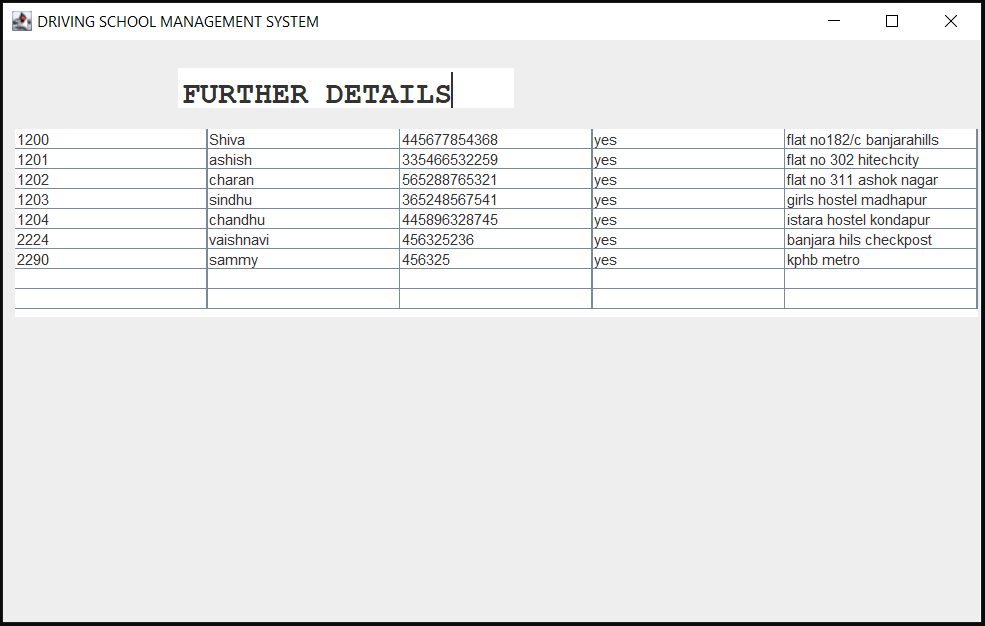
**EDITPROOFSPOSTAL:**

****

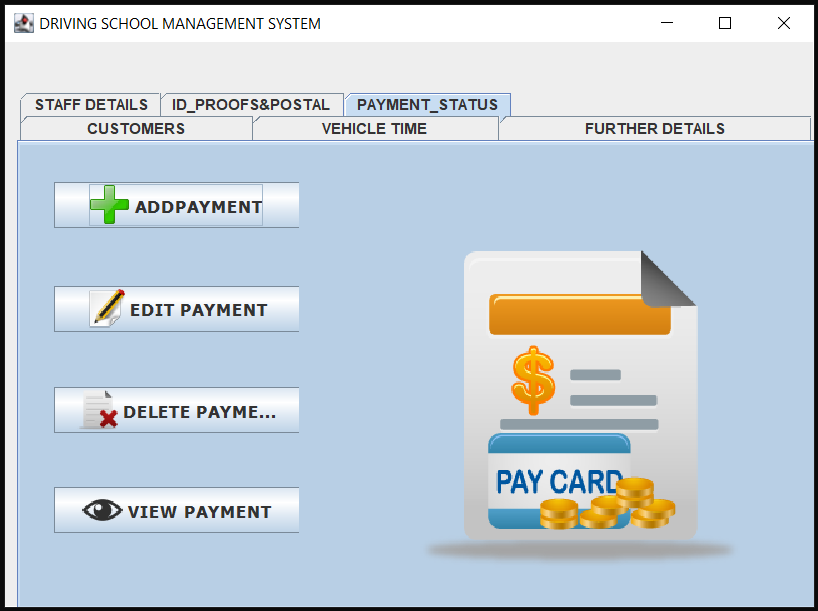
**DELETEPROOFSPOSTAL:**

****

**VIEW PROOFSPOSTAL:**

****

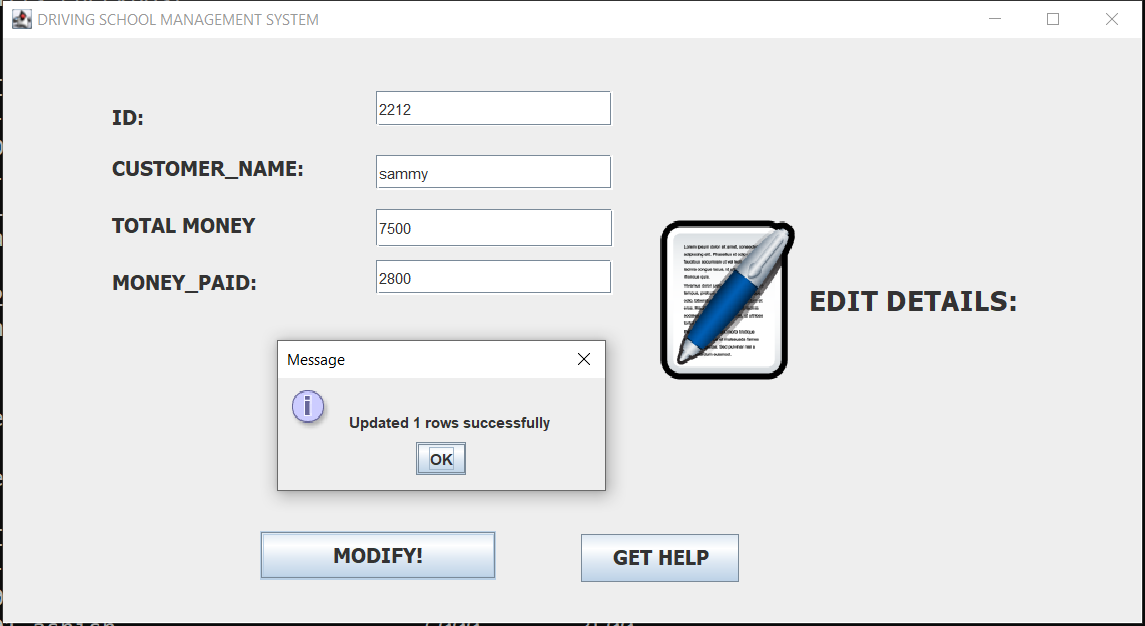
**PAYMENT\_STATUS:**

****

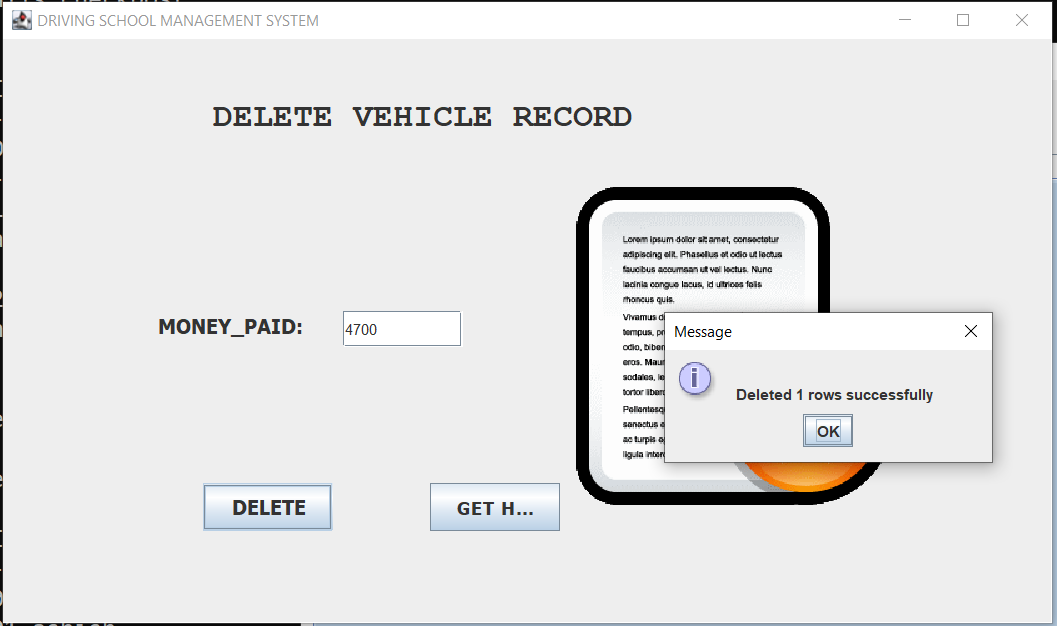
**ADDPAYMENT:**

****

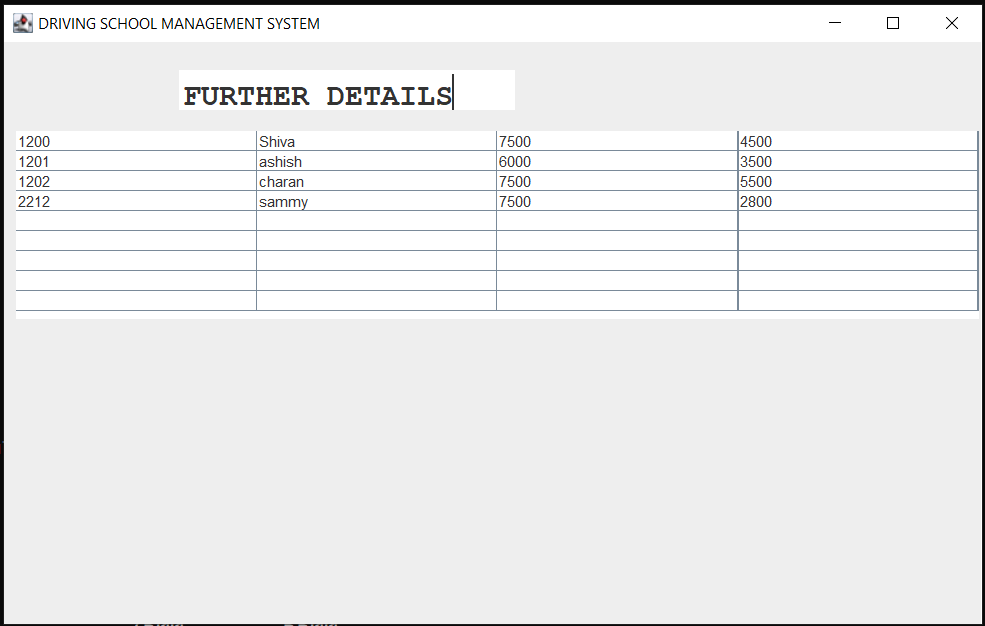
**EDITPAYMENT:**

****

**DELETEPAYMENT:**

****

**VIEWPAYMENT:**

****