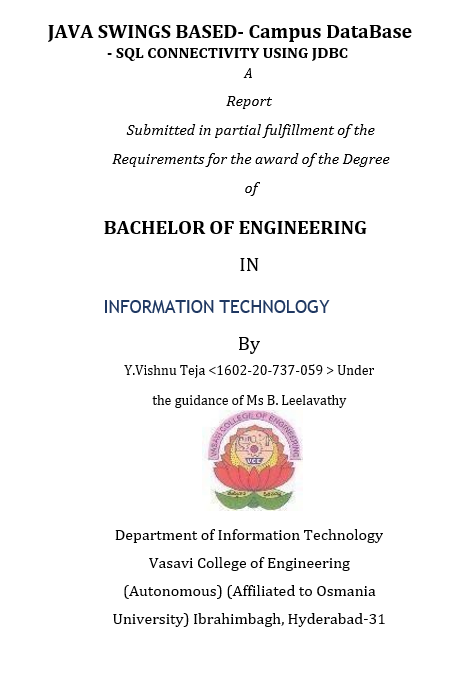
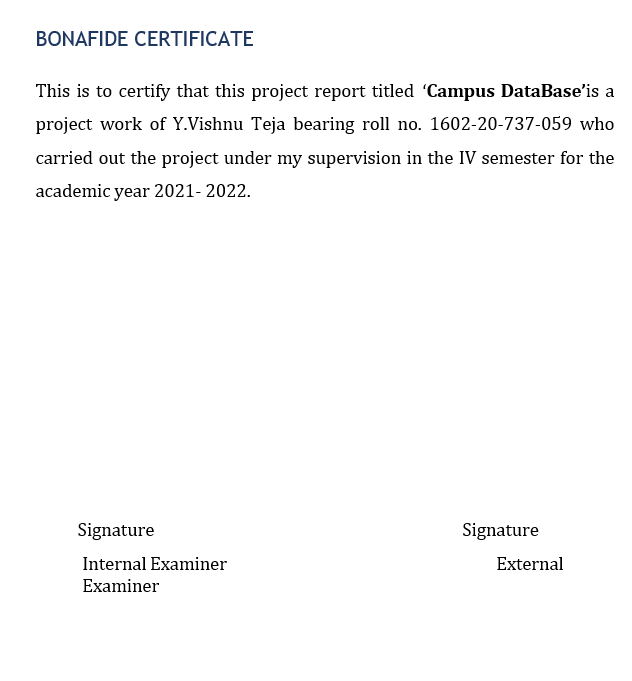
****

****

**ABSTRACT:**

In this project, we are creating a campus database, in which we are calculating

the percentage of parking utilized per block.

This project allows us to solve the problem that how much parking area is utilized per block in the campus. We can also know how many 2-wheeler are parked in the parking lot and also we can know the no. of 4-wheelers are parked.

**Requirement Analysis**

List of Tables:

* Campus
* Block
* Parking \_slot
* Slot \_type
* Calculates

**List of Attributes with their attributes**:

**Campus**

* College \_id Number (5)
* College \_name Varchar2(20)
* Address Varchar2(20)

**Block**

* Block \_id varchar2(20)
* Block \_name Varchar2(20)
* Total \_ capacity Number (3)

**Parking \_slot**

* College \_id Number (5)
* Total \_Capacity Number (5)

**Slot \_type**

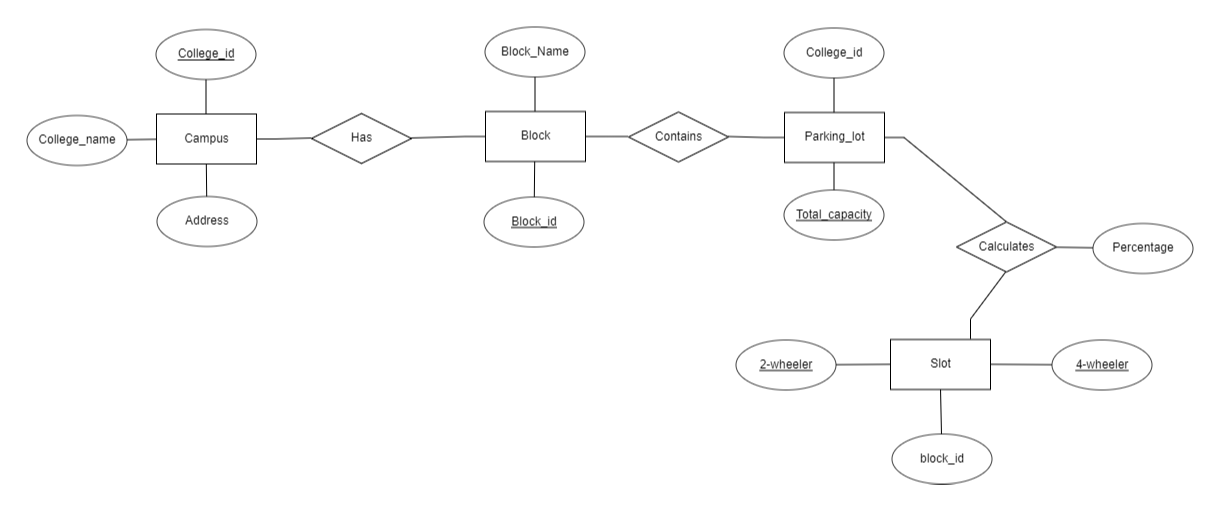
* 2-wheeler Number (5)
* 4-wheeler Number (5)
* Block \_id varchar2(20)

**Calculates**

* Percentage Number (5)
* 2-wheeler Number (5)
* 4-wheeler Number (5)

**DESIGN**

Entity Relationship Diagram

****

**DDL COMMANDS:**

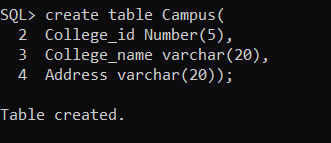
1)

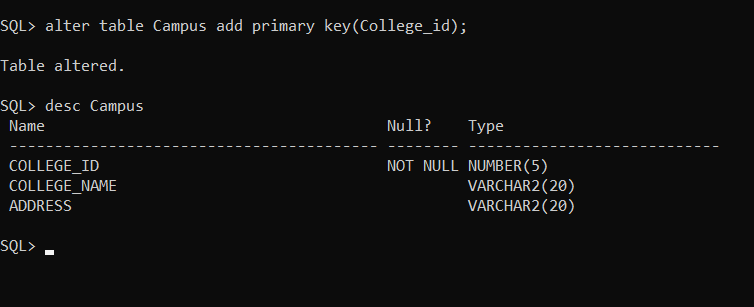
create table Campus(

College\_id Number(5),

College\_name varchar(20),

Address varchar(20));

****

****

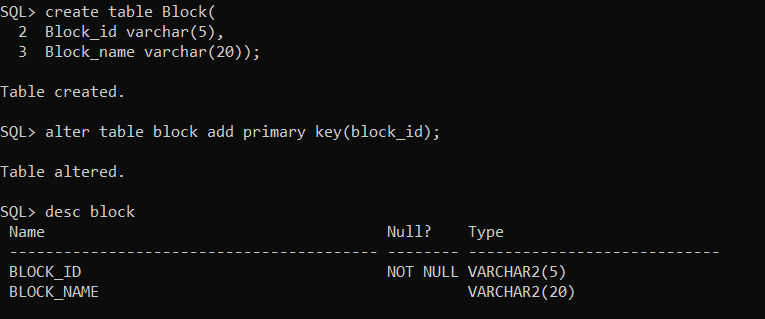
**2)**

create table Block(

2.Block\_id varchar(5),

3. Block\_name varchar(20));

SQL> alter table block add primary key(block\_id);

****

3)

create table parking\_lot

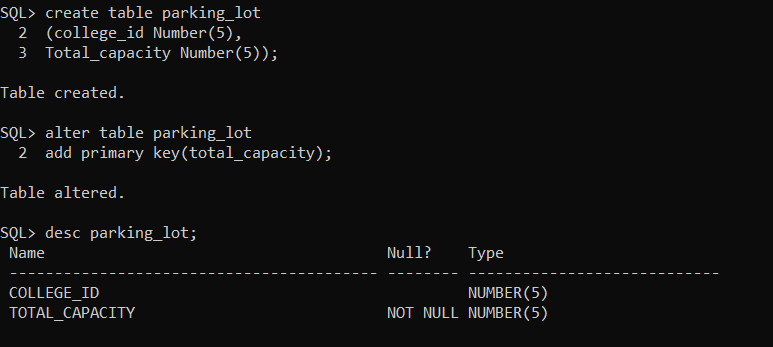
2.(college\_id Number(5),

3.Total\_capacity Number(5));

SQL> alter table parking\_lot

2.add primary key(total\_capacity);

SQL> alter table parking\_lot add foreign key(college\_id) references campus;

****

****

**4)**

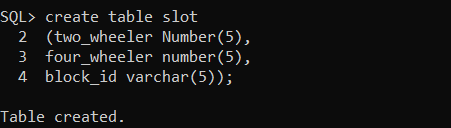
create table slot

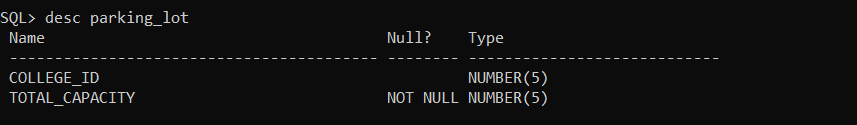
2.(two\_wheeler Number(5),

3.four\_wheeler number(5),

4.block\_id varchar(5));

> alter table slot add foreign key(block\_id) references block;

****

****

**5)**

create table calculates

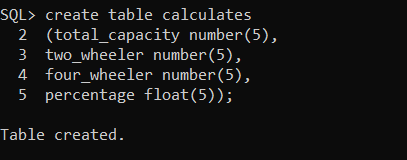
2. (total\_capacity number(5),

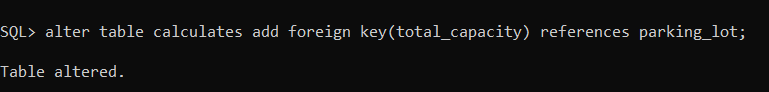
3. two\_wheeler number(5),

4. four\_wheeler number(5),

5. percentage float(5));

>>alter table calculates add foreign key(total\_capacity) references parking\_lot;

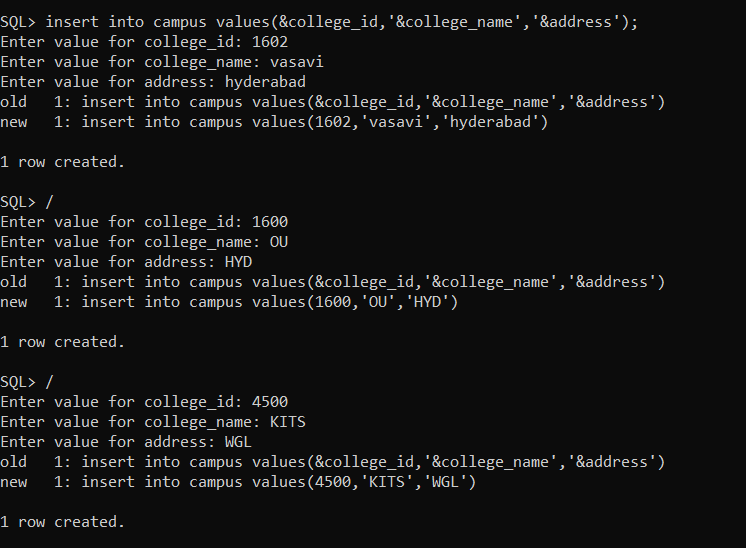
****

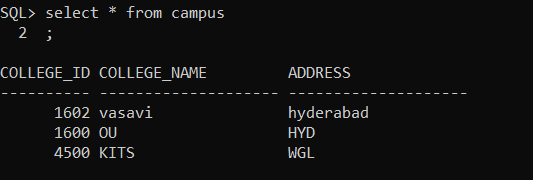
****

**DML OPERATIONS**:

1)Inserting values into Campus Table

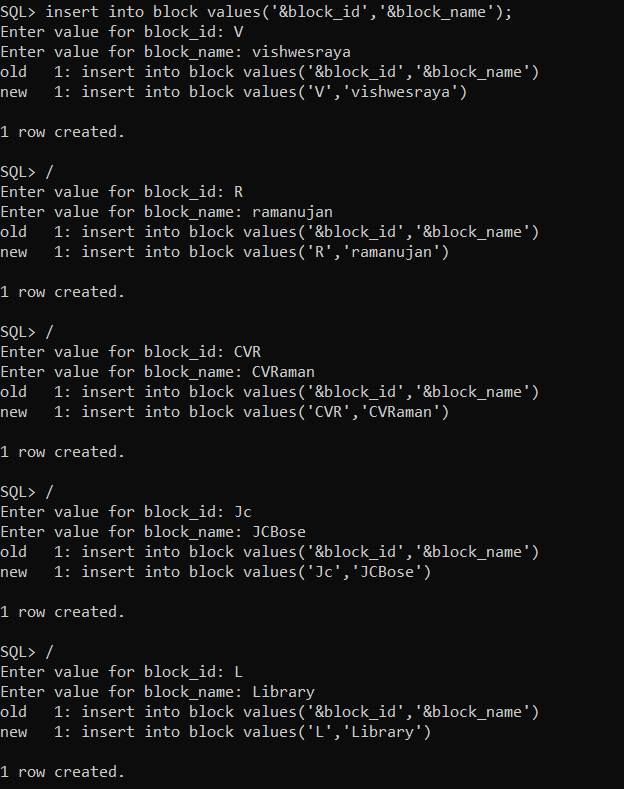
insert into campus values(&college\_id,'&college\_name','&address');

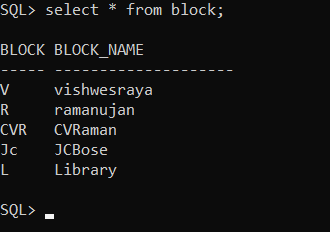


****

**2)Inserting values into Block Table**

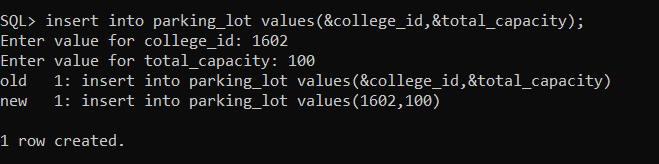
insert into block values('&block\_id','&block\_name');

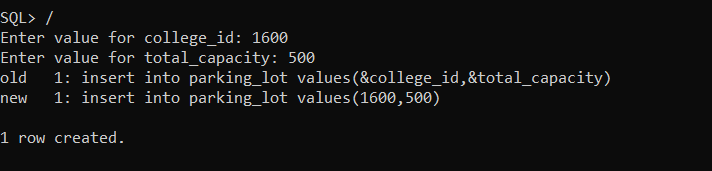
****

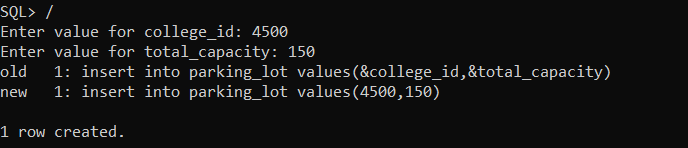
****

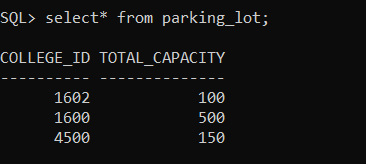
**3) Inserting values into Parking\_lot:**

insert into parking\_lot values(&college\_id,&total\_capacity);

****

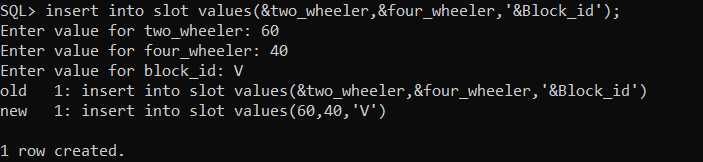
****

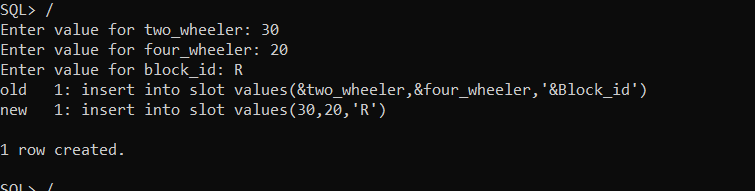
****

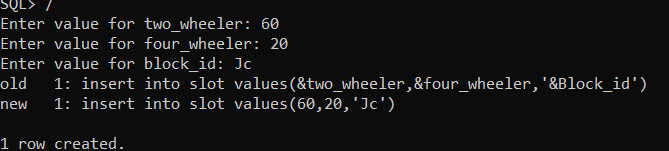
****

**4)Inserting values into Slot**

insert into slot values(&two\_wheeler,&four\_wheeler,'&Block\_id');







**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 queryand 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","vishnu","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.

Program:

MainPage:

public class Campus extends javax.swing.JFrame {

public Campus() {

initComponents();

}

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jPanel1 = new javax.swing.JPanel();

jLabel4 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jMenuBar1 = new javax.swing.JMenuBar();

jMenu1 = new javax.swing.JMenu();

c\_insert = new javax.swing.JMenuItem();

C\_update = new javax.swing.JMenuItem();

c\_delete = new javax.swing.JMenuItem();

c\_view = new javax.swing.JMenuItem();

jMenu2 = new javax.swing.JMenu();

Block\_insert = new javax.swing.JMenuItem();

Block\_update = new javax.swing.JMenuItem();

Block\_delete = new javax.swing.JMenuItem();

Block\_view = new javax.swing.JMenuItem();

jMenu4 = new javax.swing.JMenu();

s\_insert = new javax.swing.JMenuItem();

slot\_update = new javax.swing.JMenuItem();

s\_View = new javax.swing.JMenuItem();

percent = new javax.swing.JMenu();

Percentage = new javax.swing.JMenuItem();

jLabel1.setFont(new java.awt.Font("Candara", 1, 24)); // NOI18N

jLabel1.setText(" Select from Menu Bar");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("MainPage");

jPanel1.setLayout(null);

jLabel4.setFont(new java.awt.Font("MS UI Gothic", 1, 18)); // NOI18N

jLabel4.setText("CAMPUS DATABASE FOR PARKING MANAGMENT\n");

jPanel1.add(jLabel4);

jLabel4.setBounds(190, 80, 430, 60);

jLabel2.setIcon(new javax.swing.ImageIcon("C:\\Users\\Y.VISHNU TEJA\\Downloads\\campus2\_1.jpg")); // NOI18N

jPanel1.add(jLabel2);

jLabel2.setBounds(0, 0, 780, 400);

jMenu1.setText("Campus");

c\_insert.setText("Insert");

c\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

c\_insertActionPerformed(evt);

}

});

jMenu1.add(c\_insert);

C\_update.setText("Update");

C\_update.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

C\_updateActionPerformed(evt);

}

});

jMenu1.add(C\_update);

c\_delete.setText("Delete");

c\_delete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

c\_deleteActionPerformed(evt);

}

});

jMenu1.add(c\_delete);

c\_view.setText("View");

c\_view.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

c\_viewActionPerformed(evt);

}

});

jMenu1.add(c\_view);

jMenuBar1.add(jMenu1);

jMenu2.setText("Block");

Block\_insert.setText("Insert");

Block\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Block\_insertActionPerformed(evt);

}

});

jMenu2.add(Block\_insert);

Block\_update.setText("Update");

Block\_update.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Block\_updateActionPerformed(evt);

}

});

jMenu2.add(Block\_update);

Block\_delete.setText("Delete");

Block\_delete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Block\_deleteActionPerformed(evt);

}

});

jMenu2.add(Block\_delete);

Block\_view.setText("View");

Block\_view.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Block\_viewActionPerformed(evt);

}

});

jMenu2.add(Block\_view);

jMenuBar1.add(jMenu2);

jMenu4.setText("Slot");

jMenu4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jMenu4ActionPerformed(evt);

}

});

s\_insert.setText("Insert");

s\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

s\_insertActionPerformed(evt);

}

});

jMenu4.add(s\_insert);

slot\_update.setText("update");

slot\_update.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

slot\_updateActionPerformed(evt);

}

});

jMenu4.add(slot\_update);

s\_View.setText("View");

s\_View.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

s\_ViewActionPerformed(evt);

}

});

jMenu4.add(s\_View);

jMenuBar1.add(jMenu4);

percent.setText("Percentage");

Percentage.setText("Percentage");

Percentage.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

PercentageActionPerformed(evt);

}

});

percent.add(Percentage);

jMenuBar1.add(percent);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 787, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 417, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void c\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_insert ci=new Campus\_insert();

ci.show();

dispose();

}

private void Block\_updateActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Block\_Update bu=new Block\_Update();

bu.show();

dispose();

}

private void Block\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Block\_insert bi=new Block\_insert();

bi.show();

dispose();

}

private void C\_updateActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_Update cu=new Campus\_Update();

cu.show();

dispose();

}

private void c\_deleteActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_Delete cd=new Campus\_Delete();

cd.show();

dispose();

}

private void c\_viewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_view cv=new Campus\_view();

cv.show();

dispose();

}

private void PercentageActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Percentage p=new Percentage();

p.show();

dispose();

}

private void Block\_viewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Block\_View b\_v=new Block\_View();

b\_v.show();

dispose();

}

private void s\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Slot\_insert si=new Slot\_insert();

si.show();

dispose();

}

private void slot\_updateActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Slot\_update su=new Slot\_update();

su.show();

dispose();

}

private void s\_ViewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Slot\_view sv=new Slot\_view();

sv.show();

dispose();

}

private void Block\_deleteActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Block\_Delete b\_d=new Block\_Delete();

b\_d.show();

dispose();

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("com.formdev.flatlaf.FlatDarkLaf".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Campus.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Campus.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Campus.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Campus.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Campus().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JMenuItem Block\_delete;

private javax.swing.JMenuItem Block\_insert;

private javax.swing.JMenuItem Block\_update;

private javax.swing.JMenuItem Block\_view;

private javax.swing.JMenuItem C\_update;

private javax.swing.JMenuItem Percentage;

private javax.swing.JMenuItem c\_delete;

private javax.swing.JMenuItem c\_insert;

private javax.swing.JMenuItem c\_view;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel4;

private javax.swing.JMenu jMenu1;

private javax.swing.JMenu jMenu2;

private javax.swing.JMenu jMenu4;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JPanel jPanel1;

private javax.swing.JMenu percent;

private javax.swing.JMenuItem s\_View;

private javax.swing.JMenuItem s\_insert;

private javax.swing.JMenuItem slot\_update;

// End of variables declaration

}

**Table: Campus**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.\*;

import javax.swing.JOptionPane;

import javax.swing.JScrollPane;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;

public class Campus\_insert extends javax.swing.JFrame {

public Campus\_insert() {

initComponents();

}

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

JTF\_Collegeid = new javax.swing.JTextField();

JTF\_College\_Name = new javax.swing.JTextField();

JTF\_address = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

Campus\_view = new javax.swing.JTable();

JB\_View = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

CI\_back = new javax.swing.JButton();

jMenuBar1 = new javax.swing.JMenuBar();

jMenu1 = new javax.swing.JMenu();

Campus\_insert = new javax.swing.JMenuItem();

Campus\_update = new javax.swing.JMenuItem();

Campus\_delete = new javax.swing.JMenuItem();

Campus\_View = new javax.swing.JMenuItem();

jMenu2 = new javax.swing.JMenu();

Block\_insert = new javax.swing.JMenuItem();

Campus\_Update = new javax.swing.JMenuItem();

Block\_Delete = new javax.swing.JMenuItem();

Block\_view = new javax.swing.JMenuItem();

jMenu3 = new javax.swing.JMenu();

Insert = new javax.swing.JMenuItem();

PL\_update = new javax.swing.JMenuItem();

PL\_delete = new javax.swing.JMenuItem();

PL\_view = new javax.swing.JMenuItem();

Slot\_menu = new javax.swing.JMenu();

jMenuItem13 = new javax.swing.JMenuItem();

jMenuItem14 = new javax.swing.JMenuItem();

jMenuItem15 = new javax.swing.JMenuItem();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Insert Campus Details");

setBackground(new java.awt.Color(3, 252, 236));

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("College Id :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("College Name :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("Address :");

jButton1.setText("INSERT");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

Campus\_view.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"College Name", "Address", "College Id "

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.Integer.class

};

boolean[] canEdit = new boolean [] {

false, false, false

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

jScrollPane1.setViewportView(Campus\_view);

if (Campus\_view.getColumnModel().getColumnCount() > 0) {

Campus\_view.getColumnModel().getColumn(0).setResizable(false);

Campus\_view.getColumnModel().getColumn(1).setResizable(false);

Campus\_view.getColumnModel().getColumn(2).setResizable(false);

}

JB\_View.setText("View");

JB\_View.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_ViewActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Insert the College Details");

jLabel4.setToolTipText("");

CI\_back.setText("Back");

CI\_back.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

CI\_backActionPerformed(evt);

}

});

jMenu1.setText("Campus");

Campus\_insert.setText("Insert");

Campus\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Campus\_insertActionPerformed(evt);

}

});

jMenu1.add(Campus\_insert);

Campus\_update.setText("Update");

Campus\_update.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Campus\_updateActionPerformed(evt);

}

});

jMenu1.add(Campus\_update);

Campus\_delete.setText("Delete");

Campus\_delete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Campus\_deleteActionPerformed(evt);

}

});

jMenu1.add(Campus\_delete);

Campus\_View.setText("View");

Campus\_View.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Campus\_ViewActionPerformed(evt);

}

});

jMenu1.add(Campus\_View);

jMenuBar1.add(jMenu1);

jMenu2.setText("Block");

Block\_insert.setText("Insert");

Block\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Block\_insertActionPerformed(evt);

}

});

jMenu2.add(Block\_insert);

Campus\_Update.setText("Update");

jMenu2.add(Campus\_Update);

Block\_Delete.setText("Delete");

jMenu2.add(Block\_Delete);

Block\_view.setText("View");

jMenu2.add(Block\_view);

jMenuBar1.add(jMenu2);

jMenu3.setText("Parking\_lot");

Insert.setText("Insert");

jMenu3.add(Insert);

PL\_update.setText("Update");

jMenu3.add(PL\_update);

PL\_delete.setText("Delete");

jMenu3.add(PL\_delete);

PL\_view.setText("View");

jMenu3.add(PL\_view);

jMenuBar1.add(jMenu3);

Slot\_menu.setText("Slot");

jMenuItem13.setText("Insert");

Slot\_menu.add(jMenuItem13);

jMenuItem14.setText("Update");

jMenuItem14.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jMenuItem14ActionPerformed(evt);

}

});

Slot\_menu.add(jMenuItem14);

jMenuItem15.setText("jMenuItem15");

Slot\_menu.add(jMenuItem15);

jMenuBar1.add(Slot\_menu);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(96, 96, 96)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 120, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(JB\_View, javax.swing.GroupLayout.PREFERRED\_SIZE, 112, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(165, 165, 165))

.addGroup(layout.createSequentialGroup()

.addContainerGap(50, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel3)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(JTF\_Collegeid)

.addComponent(JTF\_College\_Name)

.addComponent(JTF\_address, javax.swing.GroupLayout.DEFAULT\_SIZE, 113, Short.MAX\_VALUE))

.addGap(90, 90, 90)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 368, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(25, 25, 25))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(CI\_back)

.addGap(75, 75, 75)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 242, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(9, 9, 9)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 45, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(CI\_back, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_Collegeid, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_College\_Name, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_address, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(45, 45, 45))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(1, 1, 1)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 166, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JB\_View, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(55, 55, 55))

);

pack();

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query= "INSERT INTO campus VALUES(" + JTF\_Collegeid.getText() + ","+ "'" +JTF\_College\_Name.getText() +"',"+ "'"+JTF\_address.getText() +"')";

int i = stmt.executeUpdate(query);

JOptionPane.showMessageDialog(this, "Inserted Suucesfully !!!");

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

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void JB\_ViewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from Campus");

DefaultTableModel model = (DefaultTableModel)Campus\_view.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getInt("College\_id"), Rs.getString("College\_Name"),Rs.getString("Address")});

}

System.out.println("Values retrived");

//stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void jMenuItem14ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void Campus\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_insert ci=new Campus\_insert();

ci.show();

dispose();

}

private void Campus\_updateActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_Update cu=new Campus\_Update();

cu.show();

dispose();

}

private void Campus\_deleteActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_Delete cd= new Campus\_Delete();

cd.show();

dispose();

}

private void Campus\_ViewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_view cv=new Campus\_view();

cv.show();

dispose();

}

private void Block\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Block\_insert bi=new Block\_insert();

bi.show();

dispose();

}

private void CI\_backActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b=new Campus();

c\_b.show();

dispose();

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("com.formdev.flatlaf.FlatDarkLaf".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Campus\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Campus\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Campus\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Campus\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Campus\_insert().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JMenuItem Block\_Delete;

private javax.swing.JMenuItem Block\_insert;

private javax.swing.JMenuItem Block\_view;

private javax.swing.JButton CI\_back;

private javax.swing.JMenuItem Campus\_Update;

private javax.swing.JMenuItem Campus\_View;

private javax.swing.JMenuItem Campus\_delete;

private javax.swing.JMenuItem Campus\_insert;

private javax.swing.JMenuItem Campus\_update;

private javax.swing.JTable Campus\_view;

private javax.swing.JMenuItem Insert;

private javax.swing.JButton JB\_View;

private javax.swing.JTextField JTF\_College\_Name;

private javax.swing.JTextField JTF\_Collegeid;

private javax.swing.JTextField JTF\_address;

private javax.swing.JMenuItem PL\_delete;

private javax.swing.JMenuItem PL\_update;

private javax.swing.JMenuItem PL\_view;

private javax.swing.JMenu Slot\_menu;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JMenu jMenu1;

private javax.swing.JMenu jMenu2;

private javax.swing.JMenu jMenu3;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JMenuItem jMenuItem13;

private javax.swing.JMenuItem jMenuItem14;

private javax.swing.JMenuItem jMenuItem15;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

**Campus Update:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class Campus\_Update extends javax.swing.JFrame {

public Campus\_Update() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

JTF\_collegeid = new javax.swing.JTextField();

JTF\_college\_name = new javax.swing.JTextField();

JTF\_address = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

JB\_C\_V = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

ComboBox1 = new javax.swing.JComboBox<>();

jMenuBar1 = new javax.swing.JMenuBar();

jMenu1 = new javax.swing.JMenu();

jMenu2 = new javax.swing.JMenu();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Update College Details");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("College Name :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("Address :");

JTF\_college\_name.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_college\_nameActionPerformed(evt);

}

});

JTF\_address.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_addressActionPerformed(evt);

}

});

jButton1.setText("Update");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("College Id :");

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Update the College Details ");

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"College Id", "CollegeName", "Address"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(jTable1);

JB\_C\_V.setText("View");

JB\_C\_V.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_C\_VActionPerformed(evt);

}

});

jButton3.setText("Back");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

ComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1602 -VCE", "1600- OU", "4500-KITS", " " }));

ComboBox1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

ComboBox1ActionPerformed(evt);

}

});

jMenu1.setText("File");

jMenuBar1.add(jMenu1);

jMenu2.setText("Edit");

jMenuBar1.add(jMenu2);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(117, 117, 117)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 120, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(42, 42, 42)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(JTF\_address, javax.swing.GroupLayout.PREFERRED\_SIZE, 178, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jLabel2)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29)

.addComponent(JTF\_collegeid, javax.swing.GroupLayout.PREFERRED\_SIZE, 178, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(114, 114, 114)

.addComponent(JTF\_college\_name, javax.swing.GroupLayout.PREFERRED\_SIZE, 178, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap()

.addComponent(ComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 178, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(44, 44, 44)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 327, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(JB\_C\_V)

.addGap(142, 142, 142))))

.addGroup(layout.createSequentialGroup()

.addGap(16, 16, 16)

.addComponent(jButton3)

.addGap(129, 129, 129)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 212, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(65, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 48, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton3, javax.swing.GroupLayout.Alignment.TRAILING))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(12, 12, 12)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 215, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(27, 27, 27)

.addComponent(JB\_C\_V, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(7, 7, 7)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(JTF\_collegeid, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(18, 18, 18)

.addComponent(ComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(31, 31, 31)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_college\_name, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JTF\_address, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(42, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

PreparedStatement pst =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query="update campus set college\_name='"+JTF\_college\_name.getText()+"' where college\_id="+JTF\_collegeid.getText();

int i = stmt.executeUpdate(query);

JOptionPane.showMessageDialog(this, "Updated Succesfully !!!!");

System .out.println("updated ....");

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void JTF\_college\_nameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void JTF\_addressActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void JB\_C\_VActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from Campus");

DefaultTableModel model = (DefaultTableModel)jTable1.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getInt("College\_id"), Rs.getString("College\_Name"),Rs.getString("Address")});

}

System.out.println("Values retrived");

//stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_B=new Campus();

c\_B.show();

dispose();

}

private void ComboBox1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String selectedvalue =ComboBox1.getSelectedItem().toString();

String[] array1= selectedvalue.split("-");

JTF\_collegeid.setText(array1[0]);

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Campus\_Update().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JComboBox<String> ComboBox1;

private javax.swing.JButton JB\_C\_V;

private javax.swing.JTextField JTF\_address;

private javax.swing.JTextField JTF\_college\_name;

private javax.swing.JTextField JTF\_collegeid;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JMenu jMenu1;

private javax.swing.JMenu jMenu2;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

// End of variables declaration

}

**Campus Delete**:

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.Statement;

import javax.swing.JOptionPane;

public class Campus\_Delete extends javax.swing.JFrame {

public Campus\_Delete() {

initComponents();

}

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

JTF\_College\_ID = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jTextField3 = new javax.swing.JTextField();

JB\_Delete = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

combobox = new javax.swing.JComboBox<>();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Campus deletion");

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("College Id :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("College Name :");

jTextField2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField2ActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("Address :");

JB\_Delete.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

JB\_Delete.setText("Delete");

JB\_Delete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_DeleteActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Enter the Details to Delete");

jButton1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jButton1.setText("Back");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

combobox.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1602-VCE", "1600-OU", "4500-KITS" }));

combobox.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

comboboxActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addGap(136, 136, 136)

.addComponent(JB\_Delete, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap()

.addComponent(jButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 36, Short.MAX\_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 237, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(41, 41, 41)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(JTF\_College\_ID)

.addComponent(jTextField2)

.addComponent(jTextField3, javax.swing.GroupLayout.DEFAULT\_SIZE, 166, Short.MAX\_VALUE)

.addComponent(combobox, javax.swing.GroupLayout.PREFERRED\_SIZE, 99, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(150, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(36, 36, 36)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(25, 25, 25)

.addComponent(jButton1)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_College\_ID, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(combobox, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(29, 29, 29)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(JB\_Delete, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(22, 22, 22))

);

pack();

}

private void JB\_DeleteActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

PreparedStatement pst =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query= "DELETE FROM campus WHERE college\_id="+JTF\_College\_ID.getText();

int i = stmt.executeUpdate(query);

JOptionPane.showMessageDialog(this, "Deleted Succesfully");

System .out.println("Deleted......");

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b =new Campus();

c\_b.show();

dispose();

}

private void comboboxActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String selectedvalue =combobox.getSelectedItem().toString();

String[] array1= selectedvalue.split("-");

JTF\_College\_ID.setText(array1[0]);

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Campus\_Delete().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton JB\_Delete;

private javax.swing.JTextField JTF\_College\_ID;

private javax.swing.JComboBox<String> combobox;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

// End of variables declaration

}

**Campus View:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

public class Campus\_view extends javax.swing.JFrame {

public Campus\_view() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jMenuBar2 = new javax.swing.JMenuBar();

jMenu6 = new javax.swing.JMenu();

jMenu7 = new javax.swing.JMenu();

jScrollPane1 = new javax.swing.JScrollPane();

CampusView = new javax.swing.JTable();

jButton1 = new javax.swing.JButton();

C\_V = new javax.swing.JButton();

jMenuBar1 = new javax.swing.JMenuBar();

campus = new javax.swing.JMenu();

C\_insert = new javax.swing.JMenuItem();

C\_update = new javax.swing.JMenuItem();

C\_D = new javax.swing.JMenuItem();

C\_v = new javax.swing.JMenuItem();

block = new javax.swing.JMenu();

B\_i = new javax.swing.JMenuItem();

B\_U = new javax.swing.JMenuItem();

B\_D = new javax.swing.JMenuItem();

B\_V = new javax.swing.JMenuItem();

jMenu3 = new javax.swing.JMenu();

Slot = new javax.swing.JMenu();

S\_I = new javax.swing.JMenuItem();

S\_u = new javax.swing.JMenuItem();

S\_d = new javax.swing.JMenuItem();

S\_V = new javax.swing.JMenuItem();

percentage = new javax.swing.JMenu();

P\_v = new javax.swing.JMenuItem();

jMenu6.setText("File");

jMenuBar2.add(jMenu6);

jMenu7.setText("Edit");

jMenuBar2.add(jMenu7);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Campus View");

CampusView.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"College Id", "College Name", "Address"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(CampusView);

jButton1.setText("View");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

C\_V.setText("Back");

C\_V.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

C\_VActionPerformed(evt);

}

});

campus.setText("Campus");

C\_insert.setText("Insert");

C\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

C\_insertActionPerformed(evt);

}

});

campus.add(C\_insert);

C\_update.setText("Update");

campus.add(C\_update);

C\_D.setText("Delete");

campus.add(C\_D);

C\_v.setText("View");

campus.add(C\_v);

jMenuBar1.add(campus);

block.setText("Block");

B\_i.setText("Insert");

block.add(B\_i);

B\_U.setText("Update");

block.add(B\_U);

B\_D.setText("Delete");

block.add(B\_D);

B\_V.setText("View");

block.add(B\_V);

jMenuBar1.add(block);

jMenu3.setText("Parking\_lot");

jMenuBar1.add(jMenu3);

Slot.setText("Slot");

S\_I.setText("Insert");

Slot.add(S\_I);

S\_u.setText("Update");

Slot.add(S\_u);

S\_d.setText("Delete");

S\_d.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

S\_dActionPerformed(evt);

}

});

Slot.add(S\_d);

S\_V.setText("View");

S\_V.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

S\_VActionPerformed(evt);

}

});

Slot.add(S\_V);

jMenuBar1.add(Slot);

percentage.setText("Percentage");

P\_v.setText("Percentage");

P\_v.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

P\_vActionPerformed(evt);

}

});

percentage.add(P\_v);

jMenuBar1.add(percentage);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(96, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 391, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(91, 91, 91))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(238, 238, 238)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 91, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(C\_V, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(19, Short.MAX\_VALUE)

.addComponent(C\_V)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 166, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(31, 31, 31)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(36, 36, 36))

);

pack();

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from Campus");

DefaultTableModel model = (DefaultTableModel)CampusView.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getInt("College\_id"), Rs.getString("College\_Name"),Rs.getString("Address")});

}

System.out.println("Values retrived");

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void P\_vActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Percentage p\_v=new Percentage();

p\_v.show();

dispose();

}

private void C\_VActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b=new Campus();

c\_b.show();

dispose();

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Campus\_view().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JMenuItem B\_D;

private javax.swing.JMenuItem B\_U;

private javax.swing.JMenuItem B\_V;

private javax.swing.JMenuItem B\_i;

private javax.swing.JMenuItem C\_D;

private javax.swing.JButton C\_V;

private javax.swing.JMenuItem C\_insert;

private javax.swing.JMenuItem C\_update;

private javax.swing.JMenuItem C\_v;

private javax.swing.JTable CampusView;

private javax.swing.JMenuItem P\_v;

private javax.swing.JMenuItem S\_I;

private javax.swing.JMenuItem S\_V;

private javax.swing.JMenuItem S\_d;

private javax.swing.JMenuItem S\_u;

private javax.swing.JMenu Slot;

private javax.swing.JMenu block;

private javax.swing.JMenu campus;

private javax.swing.JButton jButton1;

private javax.swing.JMenu jMenu3;

private javax.swing.JMenu jMenu6;

private javax.swing.JMenu jMenu7;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JMenuBar jMenuBar2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JMenu percentage;

// End of variables declaration

}

**Block Insert:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class Block\_insert extends javax.swing.JFrame {

/\*\*

\* Creates new form Block\_insert

\*/

public Block\_insert() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

JTF\_block\_id = new javax.swing.JTextField();

JTF\_block\_name = new javax.swing.JTextField();

JTF\_college\_id = new javax.swing.JTextField();

JB\_Block\_insert = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

Block\_view = new javax.swing.JTable();

JB\_Block\_view = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jMenuBar1 = new javax.swing.JMenuBar();

Jmenu = new javax.swing.JMenu();

Jmenu\_insert = new javax.swing.JMenuItem();

Campus\_update = new javax.swing.JMenuItem();

Campus\_delete = new javax.swing.JMenuItem();

Campus\_view = new javax.swing.JMenuItem();

jMenu2 = new javax.swing.JMenu();

Block\_insert = new javax.swing.JMenuItem();

Block\_update = new javax.swing.JMenuItem();

Block\_delete = new javax.swing.JMenuItem();

BlockView = new javax.swing.JMenuItem();

jMenu3 = new javax.swing.JMenu();

jMenuItem9 = new javax.swing.JMenuItem();

jMenuItem10 = new javax.swing.JMenuItem();

jMenuItem11 = new javax.swing.JMenuItem();

jMenuItem12 = new javax.swing.JMenuItem();

jMenu4 = new javax.swing.JMenu();

jMenuItem13 = new javax.swing.JMenuItem();

jMenuItem14 = new javax.swing.JMenuItem();

jMenuItem15 = new javax.swing.JMenuItem();

jMenuItem16 = new javax.swing.JMenuItem();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Block Insertion");

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("Block Id :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("Block Name :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("College\_id :");

JTF\_block\_name.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_block\_nameActionPerformed(evt);

}

});

JTF\_college\_id.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_college\_idActionPerformed(evt);

}

});

JB\_Block\_insert.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

JB\_Block\_insert.setText("Insert");

JB\_Block\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_Block\_insertActionPerformed(evt);

}

});

Block\_view.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Block ID", "Block Name", "College\_ID"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(Block\_view);

JB\_Block\_view.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

JB\_Block\_view.setText("View");

JB\_Block\_view.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_Block\_viewActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Enter the details to Insert");

jButton1.setText("BACK");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

Jmenu.setText("Campus");

Jmenu\_insert.setText("Insert");

Jmenu\_insert.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Jmenu\_insertActionPerformed(evt);

}

});

Jmenu.add(Jmenu\_insert);

Campus\_update.setText("Update");

Jmenu.add(Campus\_update);

Campus\_delete.setText("Delete");

Jmenu.add(Campus\_delete);

Campus\_view.setText("View");

Campus\_view.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

Campus\_viewActionPerformed(evt);

}

});

Jmenu.add(Campus\_view);

jMenuBar1.add(Jmenu);

jMenu2.setText("Block");

Block\_insert.setText("Insert");

jMenu2.add(Block\_insert);

Block\_update.setText("Update");

jMenu2.add(Block\_update);

Block\_delete.setText("Delete");

jMenu2.add(Block\_delete);

BlockView.setText("View");

jMenu2.add(BlockView);

jMenuBar1.add(jMenu2);

jMenu3.setText("Parking Slot");

jMenuItem9.setText("Insert");

jMenu3.add(jMenuItem9);

jMenuItem10.setText("Update");

jMenu3.add(jMenuItem10);

jMenuItem11.setText("Delete");

jMenuItem11.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jMenuItem11ActionPerformed(evt);

}

});

jMenu3.add(jMenuItem11);

jMenuItem12.setText("View");

jMenu3.add(jMenuItem12);

jMenuBar1.add(jMenu3);

jMenu4.setText("Slot");

jMenuItem13.setText("Insert");

jMenu4.add(jMenuItem13);

jMenuItem14.setText("Update");

jMenuItem14.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jMenuItem14ActionPerformed(evt);

}

});

jMenu4.add(jMenuItem14);

jMenuItem15.setText("Delete");

jMenu4.add(jMenuItem15);

jMenuItem16.setText("View");

jMenu4.add(jMenuItem16);

jMenuBar1.add(jMenu4);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(43, 43, 43)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(JTF\_block\_id)

.addComponent(JTF\_block\_name)

.addComponent(JTF\_college\_id, javax.swing.GroupLayout.DEFAULT\_SIZE, 141, Short.MAX\_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 46, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(18, 18, 18)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 203, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(52, 52, 52)))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 285, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(14, 14, 14))

.addGroup(layout.createSequentialGroup()

.addGap(112, 112, 112)

.addComponent(JB\_Block\_insert, javax.swing.GroupLayout.PREFERRED\_SIZE, 88, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(JB\_Block\_view, javax.swing.GroupLayout.PREFERRED\_SIZE, 103, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(113, 113, 113))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(35, 35, 35)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jButton1)))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_block\_id, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_block\_name, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(21, 21, 21)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_college\_id, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(57, 57, 57)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 197, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(52, 52, 52)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JB\_Block\_insert, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JB\_Block\_view, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(0, 29, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void JB\_Block\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query= "INSERT INTO block VALUES(" + "'"+JTF\_block\_id.getText() +"'" + ","+ "'" +JTF\_block\_name.getText() +"',"+ "'"+JTF\_college\_id.getText() +"')";

int i = stmt.executeUpdate(query);

JOptionPane.showMessageDialog(this, "Inserted Succesfully !!!!");

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

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void JB\_Block\_viewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from block");

DefaultTableModel model = (DefaultTableModel)Block\_view.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getString("block\_id"), Rs.getString("block\_Name"),Rs.getInt("College\_id")});

}

System.out.println("Values retrived");

//stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void Jmenu\_insertActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus\_insert ci=new Campus\_insert();

ci.show();

dispose();

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b=new Campus();

c\_b.show();

dispose();

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Block\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Block\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Block\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Block\_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Block\_insert().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JMenuItem BlockView;

private javax.swing.JMenuItem Block\_delete;

private javax.swing.JMenuItem Block\_insert;

private javax.swing.JMenuItem Block\_update;

private javax.swing.JTable Block\_view;

private javax.swing.JMenuItem Campus\_delete;

private javax.swing.JMenuItem Campus\_update;

private javax.swing.JMenuItem Campus\_view;

private javax.swing.JButton JB\_Block\_insert;

private javax.swing.JButton JB\_Block\_view;

private javax.swing.JTextField JTF\_block\_id;

private javax.swing.JTextField JTF\_block\_name;

private javax.swing.JTextField JTF\_college\_id;

private javax.swing.JMenu Jmenu;

private javax.swing.JMenuItem Jmenu\_insert;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JMenu jMenu2;

private javax.swing.JMenu jMenu3;

private javax.swing.JMenu jMenu4;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JMenuItem jMenuItem10;

private javax.swing.JMenuItem jMenuItem11;

private javax.swing.JMenuItem jMenuItem12;

private javax.swing.JMenuItem jMenuItem13;

private javax.swing.JMenuItem jMenuItem14;

private javax.swing.JMenuItem jMenuItem15;

private javax.swing.JMenuItem jMenuItem16;

private javax.swing.JMenuItem jMenuItem9;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

**Block Update:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class Block\_Update extends javax.swing.JFrame {

public Block\_Update() {

initComponents();

}

private void initComponents() {

jLabel4 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jComboBox1 = new javax.swing.JComboBox<>();

jMenuBar1 = new javax.swing.JMenuBar();

jMenu1 = new javax.swing.JMenu();

jMenu2 = new javax.swing.JMenu();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Block Updation");

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Update the Block Details ");

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("Block ID :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("Block Name :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("College ID :");

jButton1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jButton1.setText("Update");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Block ID", "Block Name", "College ID"

}

));

jScrollPane1.setViewportView(jTable1);

jButton2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jButton2.setText("View");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jButton3.setText("Back");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "V", "R", "JC", "Lib", "C" }));

jComboBox1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jComboBox1ActionPerformed(evt);

}

});

jMenu1.setText("File");

jMenuBar1.add(jMenu1);

jMenu2.setText("Edit");

jMenuBar1.add(jMenu2);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(135, 135, 135)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(228, 228, 228))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(layout.createSequentialGroup()

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(61, 61, 61)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jTextField1)

.addComponent(jTextField2)

.addComponent(jTextField3, javax.swing.GroupLayout.DEFAULT\_SIZE, 146, Short.MAX\_VALUE)))

.addGroup(layout.createSequentialGroup()

.addGap(15, 15, 15)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 66, Short.MAX\_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 212, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 94, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 100, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(123, 123, 123)))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 341, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(21, 21, 21))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(11, 11, 11)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 48, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(13, 13, 13)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(27, 27, 27)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 203, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(55, Short.MAX\_VALUE))

);

pack();

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b=new Campus();

c\_b.show();

dispose();

}

private void jComboBox1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String selectedvalue =jComboBox1.getSelectedItem().toString();

jTextField1.setText(selectedvalue);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query="update block set block\_name ='"+jTextField2.getText()+"' where block\_id= '"+jTextField1.getText()+"'";

int i = stmt.executeUpdate(query);

JOptionPane.showMessageDialog(this, "Updated Succesfully");

System .out.println("updated ....");

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from block");

DefaultTableModel model = (DefaultTableModel)jTable1.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getString("Block\_id"), Rs.getString("Block\_Name"),Rs.getInt("College\_id")});

}

System.out.println("Values retrived");

con.close();

}catch(Exception e){

System.out.println(e);

}

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Block\_Update().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JComboBox<String> jComboBox1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JMenu jMenu1;

private javax.swing.JMenu jMenu2;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

// End of variables declaration

}

Block View:

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class Block\_Update extends javax.swing.JFrame {

public Block\_Update() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel4 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jComboBox1 = new javax.swing.JComboBox<>();

jMenuBar1 = new javax.swing.JMenuBar();

jMenu1 = new javax.swing.JMenu();

jMenu2 = new javax.swing.JMenu();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Block Updation");

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Update the Block Details ");

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("Block ID :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("Block Name :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("College ID :");

jButton1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jButton1.setText("Update");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Block ID", "Block Name", "College ID"

}

));

jScrollPane1.setViewportView(jTable1);

jButton2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jButton2.setText("View");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jButton3.setText("Back");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "V", "R", "JC", "Lib", "C" }));

jComboBox1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jComboBox1ActionPerformed(evt);

}

});

jMenu1.setText("File");

jMenuBar1.add(jMenu1);

jMenu2.setText("Edit");

jMenuBar1.add(jMenu2);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(135, 135, 135)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(228, 228, 228))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(layout.createSequentialGroup()

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(61, 61, 61)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jTextField1)

.addComponent(jTextField2)

.addComponent(jTextField3, javax.swing.GroupLayout.DEFAULT\_SIZE, 146, Short.MAX\_VALUE)))

.addGroup(layout.createSequentialGroup()

.addGap(15, 15, 15)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 66, Short.MAX\_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 212, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 94, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 100, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(123, 123, 123)))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 341, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(21, 21, 21))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(11, 11, 11)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 48, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(13, 13, 13)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(27, 27, 27)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 203, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(55, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b=new Campus();

c\_b.show();

dispose();

}

private void jComboBox1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String selectedvalue =jComboBox1.getSelectedItem().toString();

jTextField1.setText(selectedvalue);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query="update block set block\_name ='"+jTextField2.getText()+"' where block\_id= '"+jTextField1.getText()+"'";

int i = stmt.executeUpdate(query);

JOptionPane.showMessageDialog(this, "Updated Succesfully");

System .out.println("updated ....");

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from block");

DefaultTableModel model = (DefaultTableModel)jTable1.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getString("Block\_id"), Rs.getString("Block\_Name"),Rs.getInt("College\_id")});

}

System.out.println("Values retrived");

con.close();

}catch(Exception e){

System.out.println(e);

}

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Block\_Update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Block\_Update().setVisible(true);

}

});

}

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JComboBox<String> jComboBox1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JMenu jMenu1;

private javax.swing.JMenu jMenu2;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

}

**Slot Insert:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.Statement;

public class Slot\_insert extends javax.swing.JFrame {

public Slot\_insert() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jButton1 = new javax.swing.JButton();

JTF\_S\_two = new javax.swing.JTextField();

JTF\_S\_four = new javax.swing.JTextField();

JTF\_S\_b\_id = new javax.swing.JTextField();

JTF\_S\_total\_cap = new javax.swing.JTextField();

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Slot Insertion");

jButton1.setText("Back");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

JTF\_S\_two.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_S\_twoActionPerformed(evt);

}

});

JTF\_S\_b\_id.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_S\_b\_idActionPerformed(evt);

}

});

JTF\_S\_total\_cap.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_S\_total\_capActionPerformed(evt);

}

});

jButton2.setText("jButton2");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("Two\_wheeler :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("Four\_Wheeler :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("Block Id :");

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Total Capacity :");

jLabel5.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel5.setText("Enter the Details to Insert");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jButton1)

.addGap(91, 91, 91)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 224, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(60, 60, 60)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(82, 82, 82)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(JTF\_S\_four, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_two, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_b\_id, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_total\_cap, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(196, 196, 196)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 99, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(240, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(19, 19, 19)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addComponent(jButton1)

.addGap(36, 36, 36))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGap(18, 18, 18)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JTF\_S\_two, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JTF\_S\_four, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JTF\_S\_b\_id, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JTF\_S\_total\_cap, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 45, Short.MAX\_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(17, 17, 17))

);

pack();

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus c\_b =new Campus();

c\_b.show();

dispose();

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query= "INSERT INTO slot VALUES(" + JTF\_S\_two.getText() + ","+ JTF\_S\_four.getText() +","+ "'"+JTF\_S\_b\_id.getText() +"',"+ JTF\_S\_total\_cap.getText()+")";

int i = stmt.executeUpdate(query);

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

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Slot\_insert().setVisible(true);

}

});

}

private javax.swing.JTextField JTF\_S\_b\_id;

private javax.swing.JTextField JTF\_S\_four;

private javax.swing.JTextField JTF\_S\_total\_cap;

private javax.swing.JTextField JTF\_S\_two;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

}

**Slot Update:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.Statement;

public class Slot\_update extends javax.swing.JFrame {

public Slot\_update() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

JTF\_S\_two = new javax.swing.JTextField();

JTF\_S\_four = new javax.swing.JTextField();

JTF\_S\_b\_id = new javax.swing.JTextField();

JTF\_S\_total\_cap = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jComboBox1 = new javax.swing.JComboBox<>();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

JB\_Back = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Update Slot Details");

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("Two Wheeler :");

jLabel2.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel2.setText("Four Wheeler :");

jLabel3.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel3.setText("Block Id :");

jLabel4.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel4.setText("Total Capacity :");

JTF\_S\_two.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_S\_twoActionPerformed(evt);

}

});

JTF\_S\_b\_id.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_S\_b\_idActionPerformed(evt);

}

});

JTF\_S\_total\_cap.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JTF\_S\_total\_capActionPerformed(evt);

}

});

jButton1.setText("jButton1");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Two Wheeler", "Four Wheeler", "Block Id", "Total Capacity"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class

};

boolean[] canEdit = new boolean [] {

false, false, true, false

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

jScrollPane1.setViewportView(jTable1);

JB\_Back.setText("Back");

JB\_Back.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_BackActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(67, 67, 67)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 113, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(88, 88, 88))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 124, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(77, 77, 77)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(JTF\_S\_two, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_four, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_b\_id, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_total\_cap, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jComboBox1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.PREFERRED\_SIZE, 91, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 66, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 320, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(78, 78, 78))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(186, 186, 186)

.addComponent(jButton1))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(JB\_Back)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(11, 11, 11)

.addComponent(JB\_Back)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JTF\_S\_two, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(7, 7, 7)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(JTF\_S\_four, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(16, 16, 16)

.addComponent(JTF\_S\_b\_id, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(31, 31, 31)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(JTF\_S\_total\_cap, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 26, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(17, 17, 17))))

);

pack();

}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

PreparedStatement pst =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String query="update slot set two\_wheeler="+JTF\_S\_two.getText()+","+"four\_wheeler="+JTF\_S\_four.getText()+" where block\_id= '"+JTF\_S\_b\_id.getText()+"'";

int i = stmt.executeUpdate(query);

System.out.println("updated ....");

stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void JB\_BackActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus bc=new Campus();

bc.show();

dispose();

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Slot\_update().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton JB\_Back;

private javax.swing.JTextField JTF\_S\_b\_id;

private javax.swing.JTextField JTF\_S\_four;

private javax.swing.JTextField JTF\_S\_total\_cap;

private javax.swing.JTextField JTF\_S\_two;

private javax.swing.JButton jButton1;

private javax.swing.JComboBox<String> jComboBox1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

// End of variables declaration

}

**Slot View:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

public class Slot\_view extends javax.swing.JFrame {

public Slot\_view() {

initComponents();

}

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jScrollPane1 = new javax.swing.JScrollPane();

S\_table = new javax.swing.JTable();

jLabel1 = new javax.swing.JLabel();

JB\_View = new javax.swing.JButton();

JB\_back = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("View Slot Table");

S\_table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Two Wheeler", "Four Wheeler", "Block Id", "Total Capacity"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.Object.class, java.lang.Object.class

};

boolean[] canEdit = new boolean [] {

false, false, false, false

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

jScrollPane1.setViewportView(S\_table);

jLabel1.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

jLabel1.setText("Click to View the Details");

JB\_View.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

JB\_View.setText("View");

JB\_View.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_ViewActionPerformed(evt);

}

});

JB\_back.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

JB\_back.setText("Back");

JB\_back.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_backActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(20, 20, 20)

.addComponent(JB\_back)

.addGap(64, 64, 64)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 189, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(86, 86, 86)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 369, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(214, 214, 214)

.addComponent(JB\_View, javax.swing.GroupLayout.PREFERRED\_SIZE, 97, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(87, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(11, 11, 11)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(JB\_back)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 40, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(20, 20, 20)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 203, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(JB\_View, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(24, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void JB\_ViewActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

ResultSet Rs = stmt.executeQuery("select \* from slot");

DefaultTableModel model = (DefaultTableModel)S\_table.getModel();

while(Rs.next()){

model.addRow(new Object[]{Rs.getInt("two\_wheeler"), Rs.getInt("four\_wheeler"),Rs.getString("Block\_id"),Rs.getInt("total\_capacity")});

}

System.out.println("Values retrived");

//stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void JB\_backActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus cb=new Campus();

cb.show();

dispose();

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Slot\_view().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton JB\_View;

private javax.swing.JButton JB\_back;

private javax.swing.JTable S\_table;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

**Percentage:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

public class Percentage extends javax.swing.JFrame {

public Percentage() {

initComponents();

}

private void initComponents() {

jScrollPane1 = new javax.swing.JScrollPane();

JTable\_percent = new javax.swing.JTable();

JB\_viewPercent = new javax.swing.JButton();

JB\_Back = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Percent\_Calculation");

JTable\_percent.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Block\_ID", "Percentage Utilised"

}

) {

boolean[] canEdit = new boolean [] {

false, false

};

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

jScrollPane1.setViewportView(JTable\_percent);

JB\_viewPercent.setFont(new java.awt.Font("Segoe UI Black", 0, 14)); // NOI18N

JB\_viewPercent.setText("View Percentage");

JB\_viewPercent.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_viewPercentActionPerformed(evt);

}

});

JB\_Back.setText("Back");

JB\_Back.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

JB\_BackActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(26, 26, 26)

.addComponent(JB\_Back)

.addGap(49, 49, 49)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 287, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(49, 161, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(219, 219, 219)

.addComponent(JB\_viewPercent)

.addGap(0, 0, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(21, 21, 21)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(JB\_Back, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addGap(17, 17, 17)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 215, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(18, 18, 18)

.addComponent(JB\_viewPercent, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE))

);

pack();

}// </editor-fold>

private void JB\_viewPercentActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Connection con =null;

try

{

Driver myDriver = new oracle.jdbc.driver.OracleDriver();

DriverManager.registerDriver( myDriver );

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

Statement stmt = con.createStatement();

String sqlqry;

sqlqry= "select block\_id,sum(two\_wheeler+four\_wheeler)/sum(total\_capacity)\*100 from slot group by block\_id";

ResultSet Rs = stmt.executeQuery(sqlqry);

DefaultTableModel model = (DefaultTableModel)JTable\_percent.getModel();

while(Rs.next())

{

model.addRow(new Object[]{Rs.getString("Block\_iD"), Rs.getFloat("sum(two\_wheeler+four\_wheeler)/sum(total\_capacity)\*100")});

}

System.out.println("Values retrived");

//stmt.close();

con.close();

}catch(Exception e){

System.out.println(e);

}

}

private void JB\_BackActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

Campus cb=new Campus();

cb.show();

dispose();

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Percentage().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton JB\_Back;

private javax.swing.JButton JB\_viewPercent;

private javax.swing.JTable JTable\_percent;

private javax.swing.JScrollPane jScrollPane1;

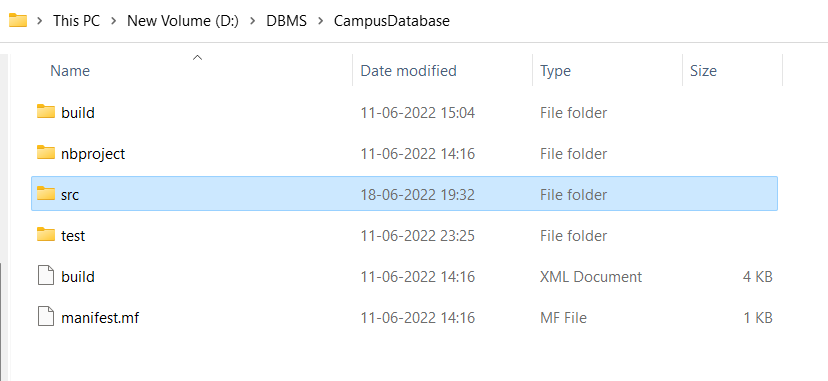
// End of variables declaration

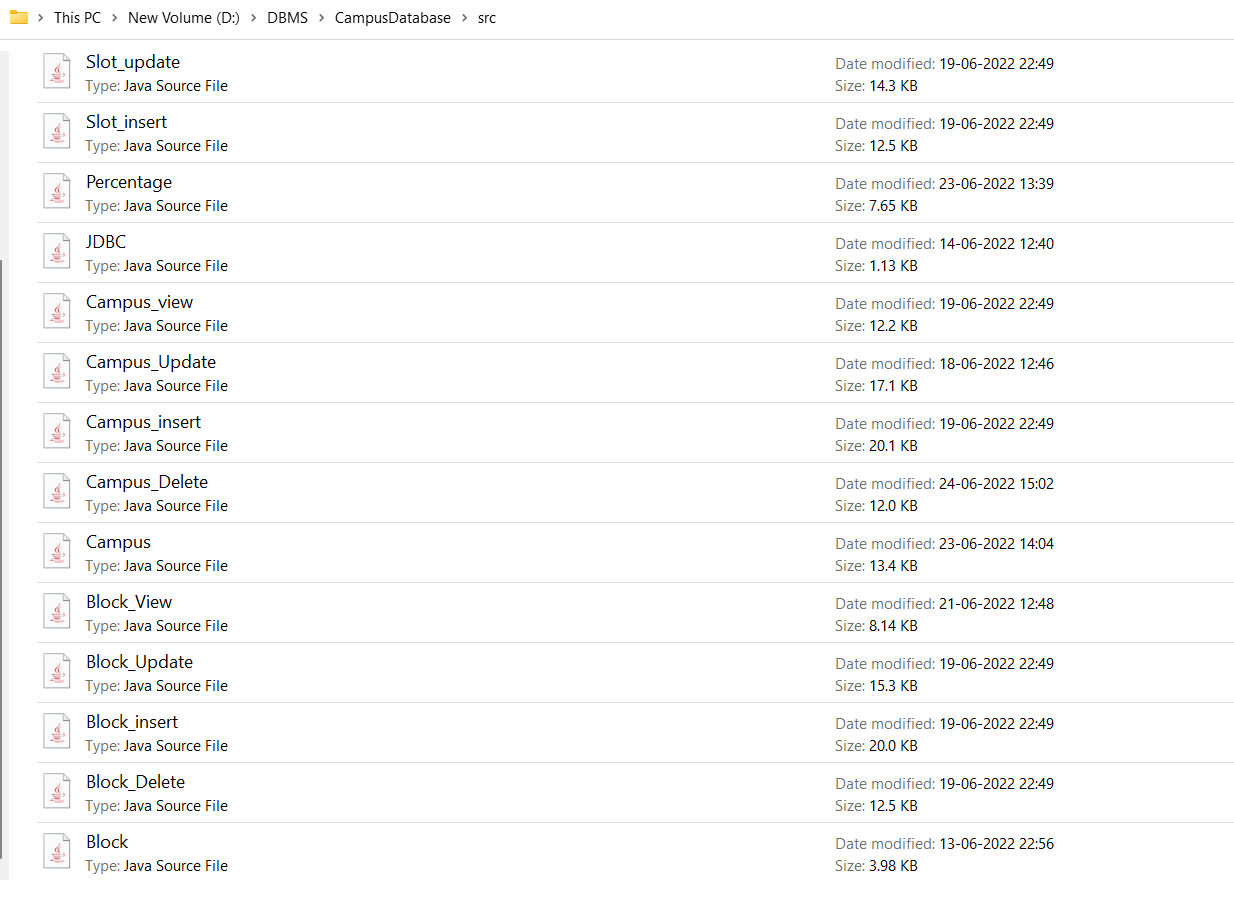
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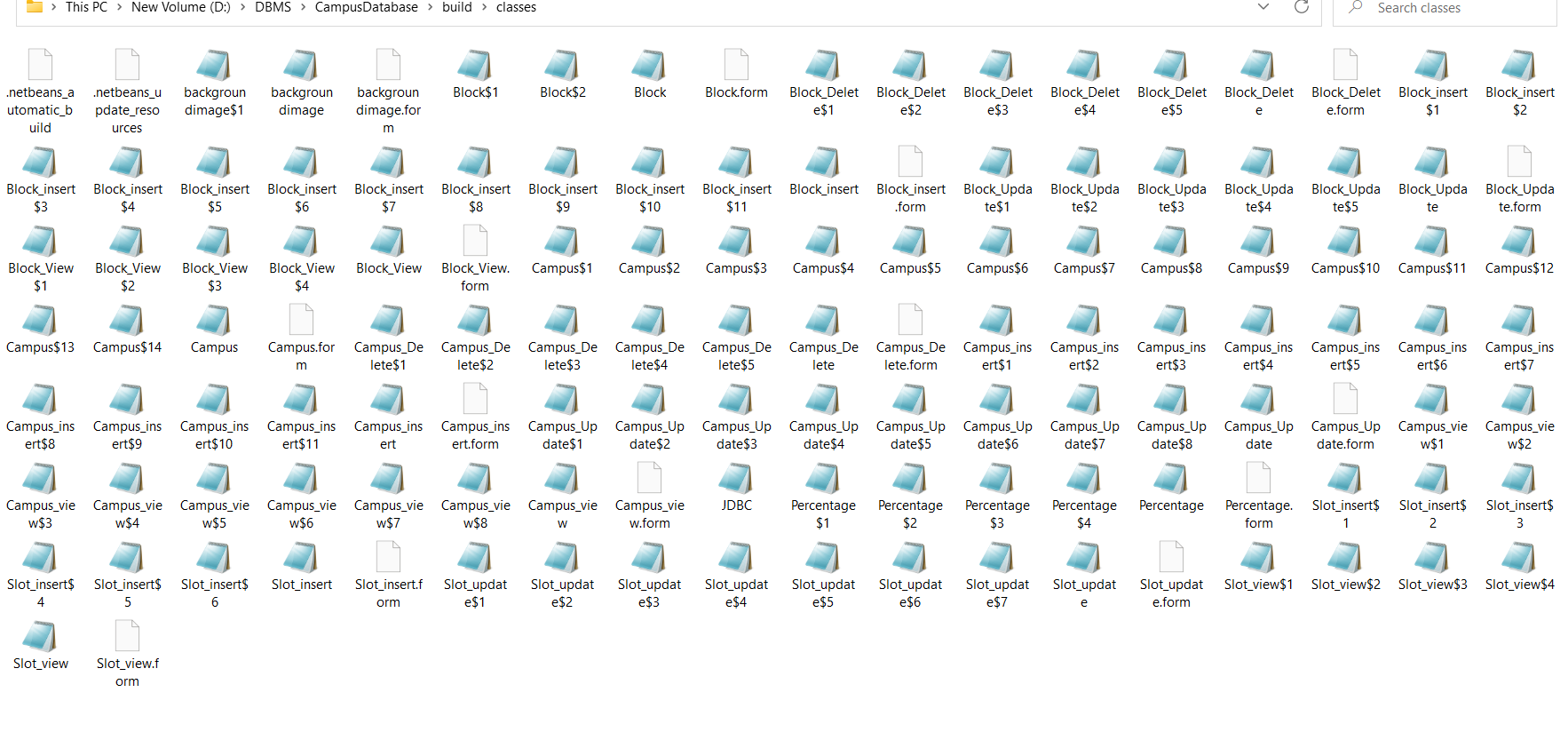
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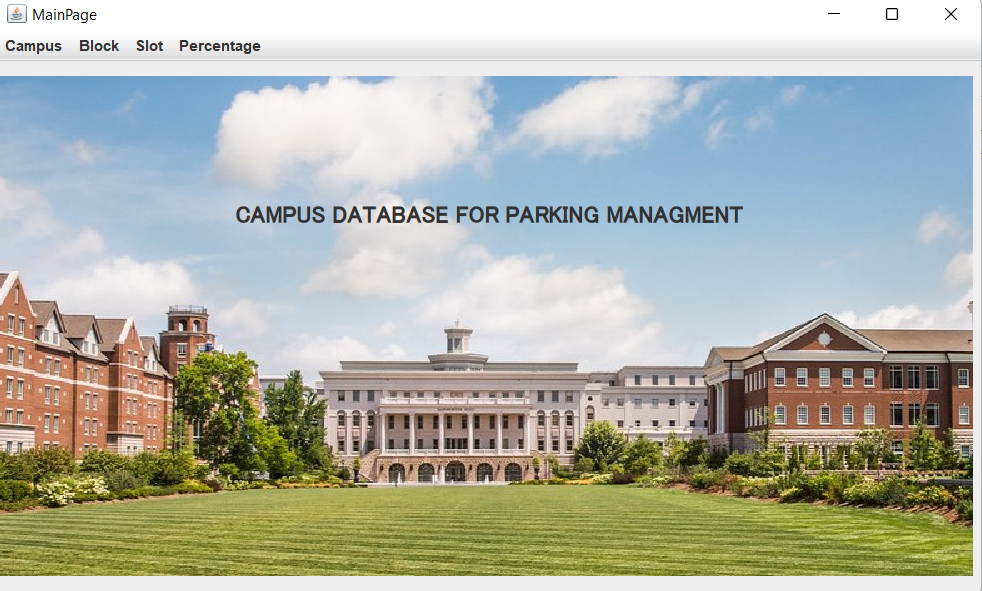
<https://github.com/yvishnu24/DBMS-MINI-PROJECT>

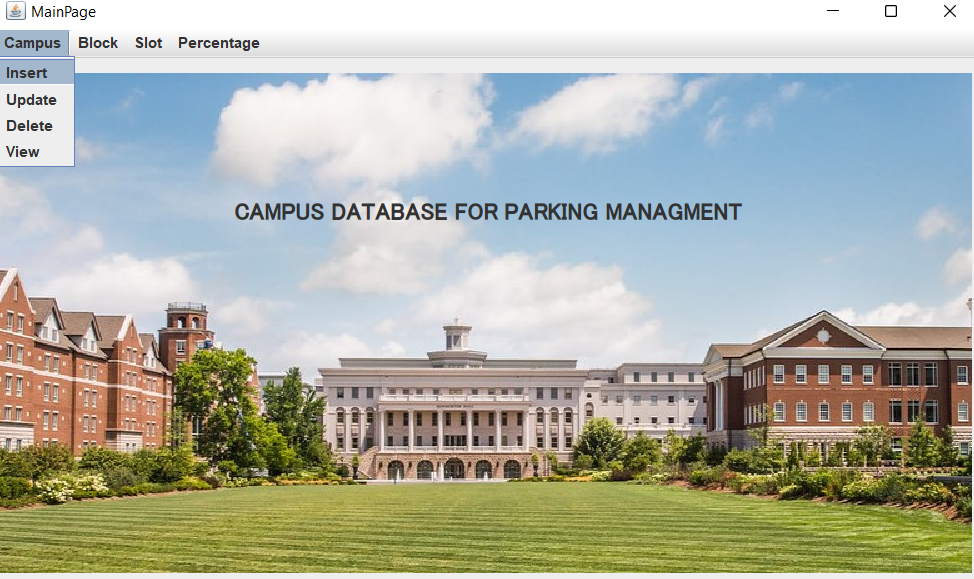
**FOLDER STRUCTURE:**

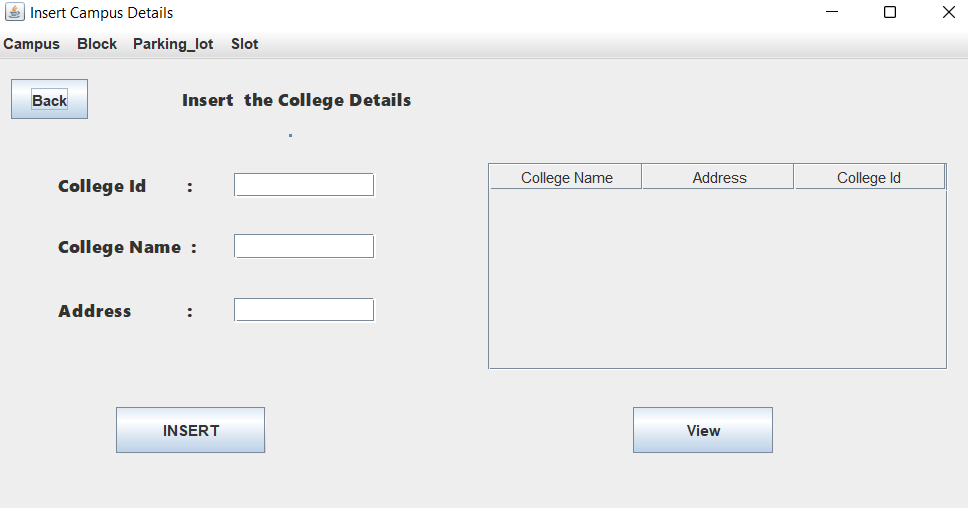
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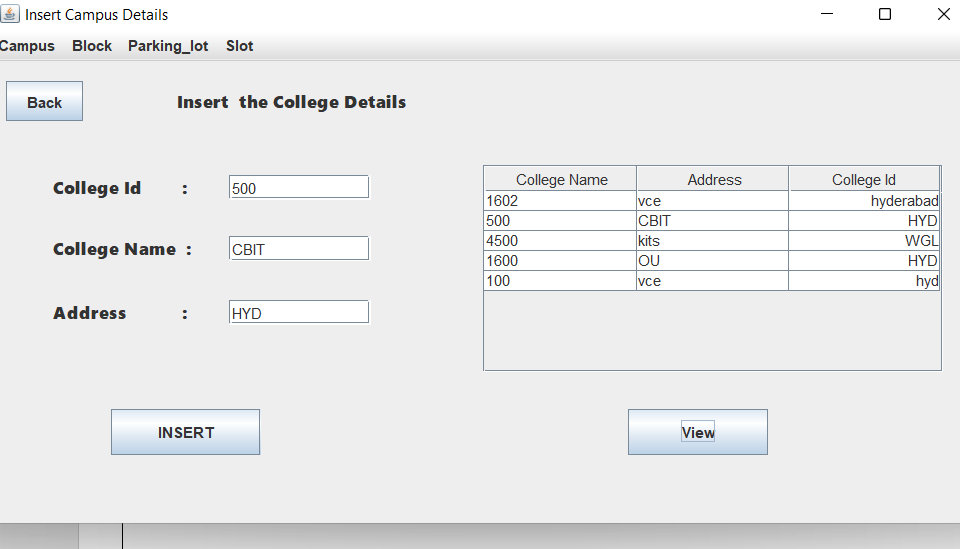
**Testing:**

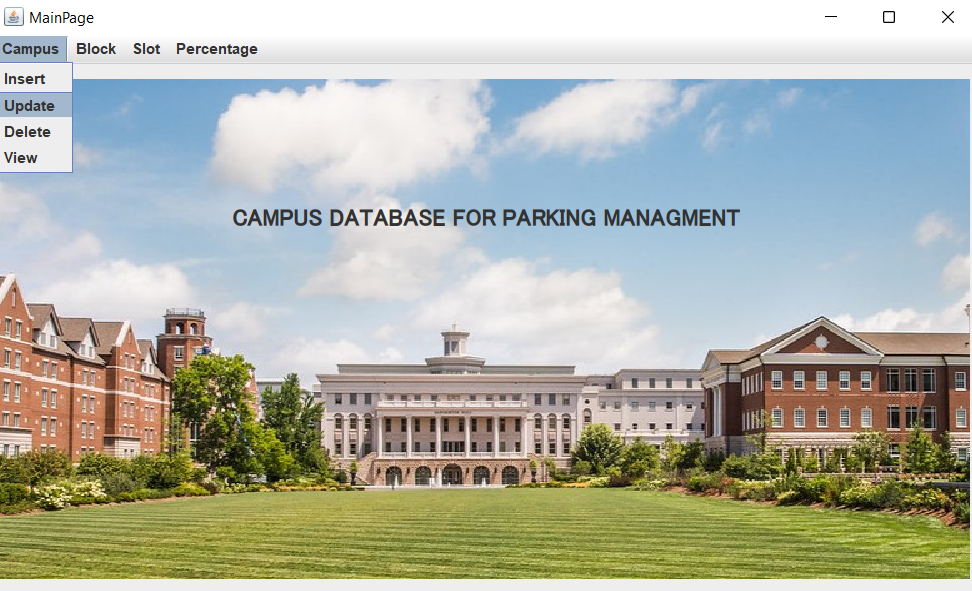
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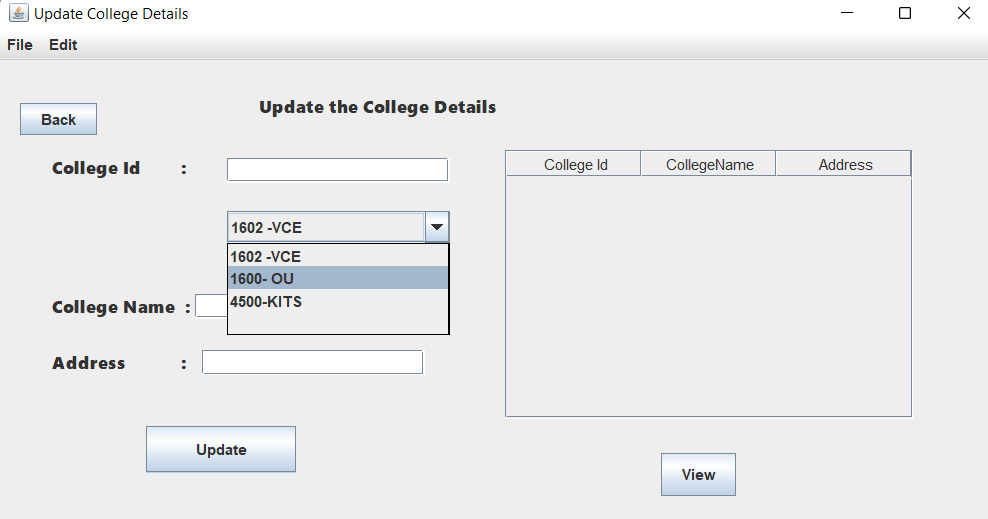
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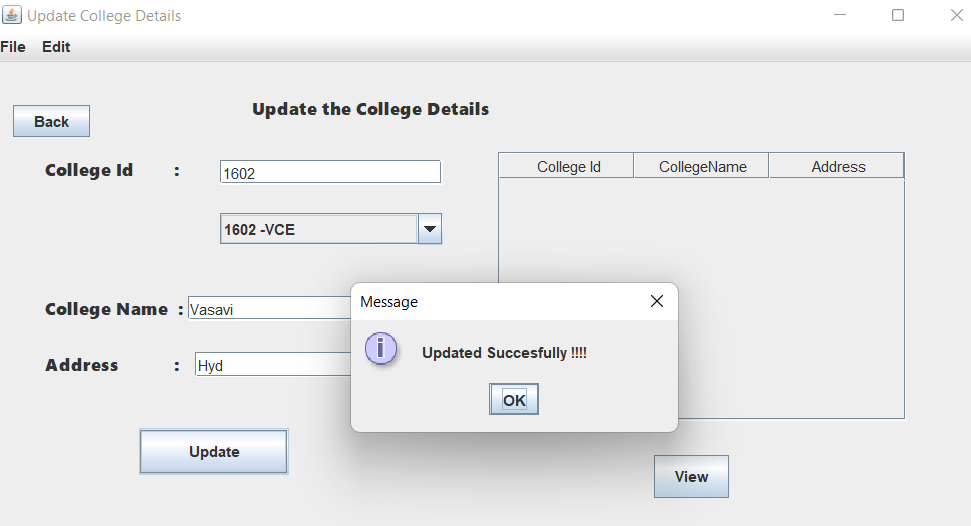
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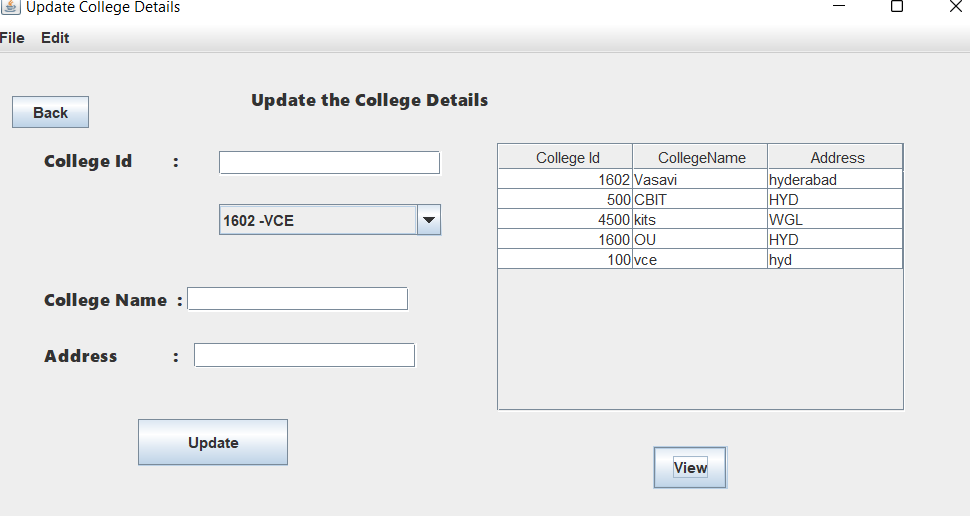
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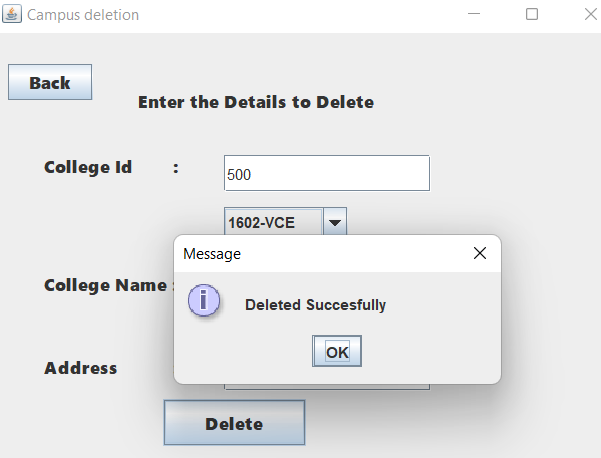
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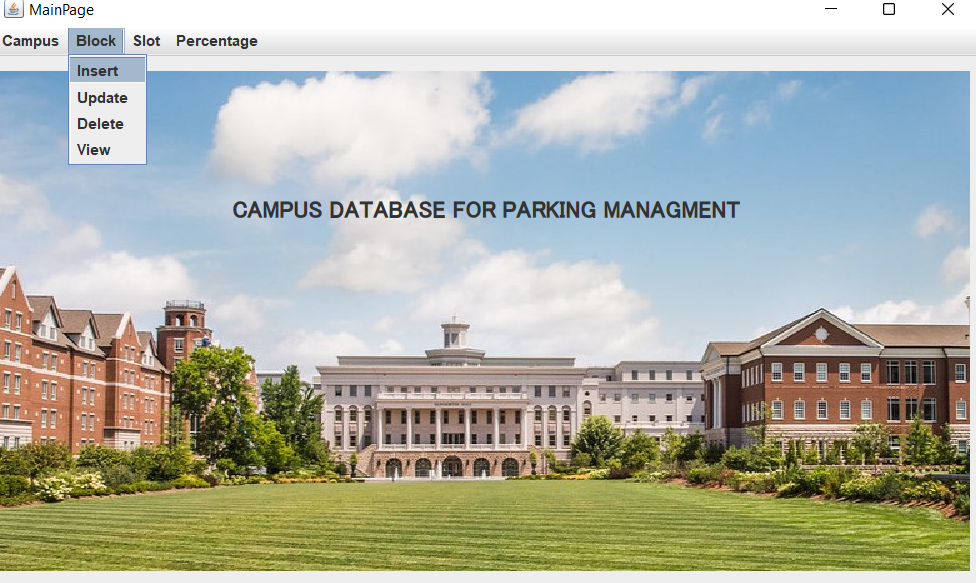
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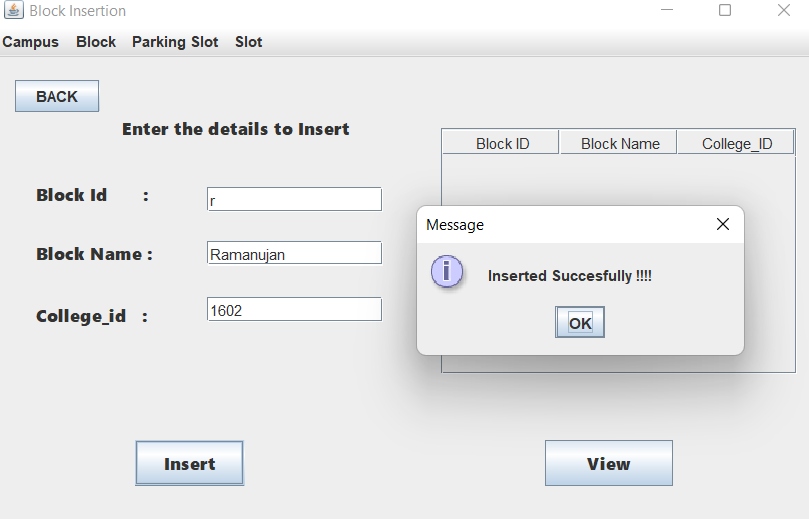
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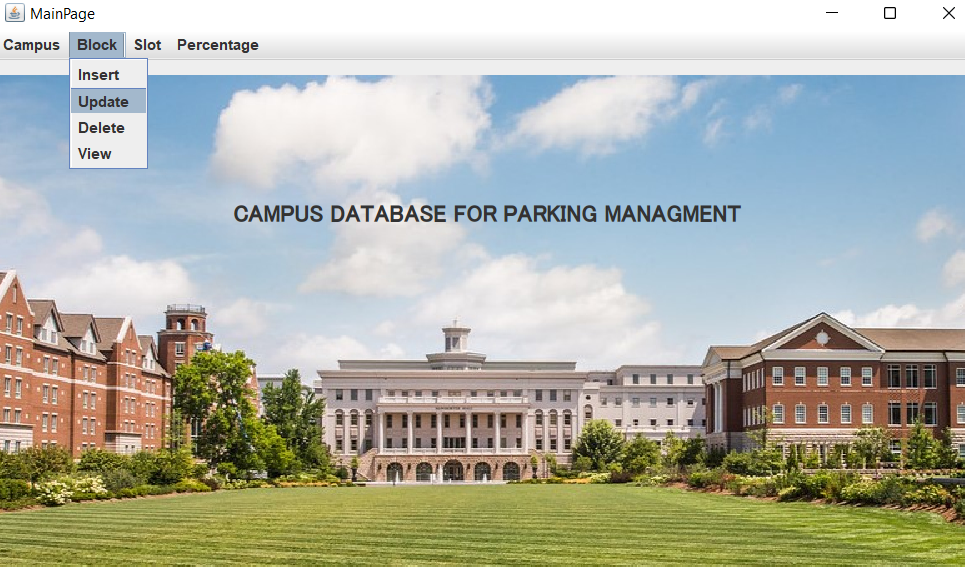
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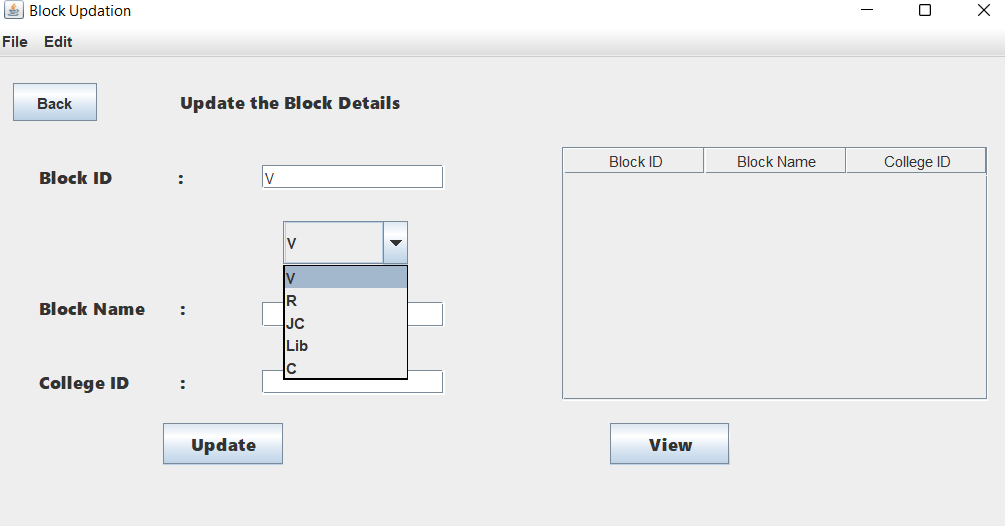
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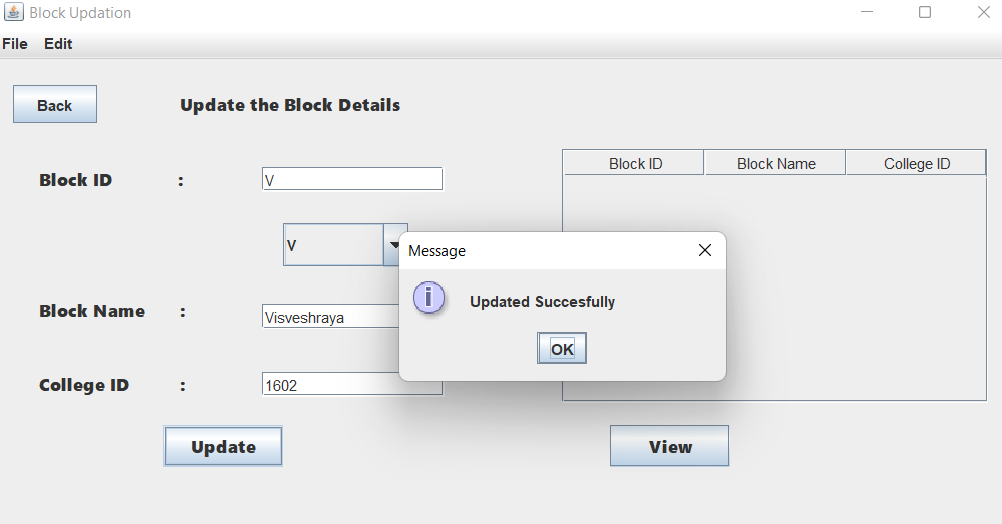
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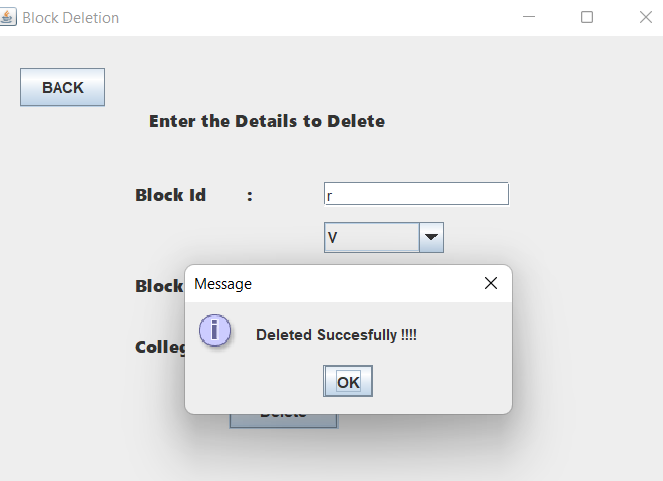
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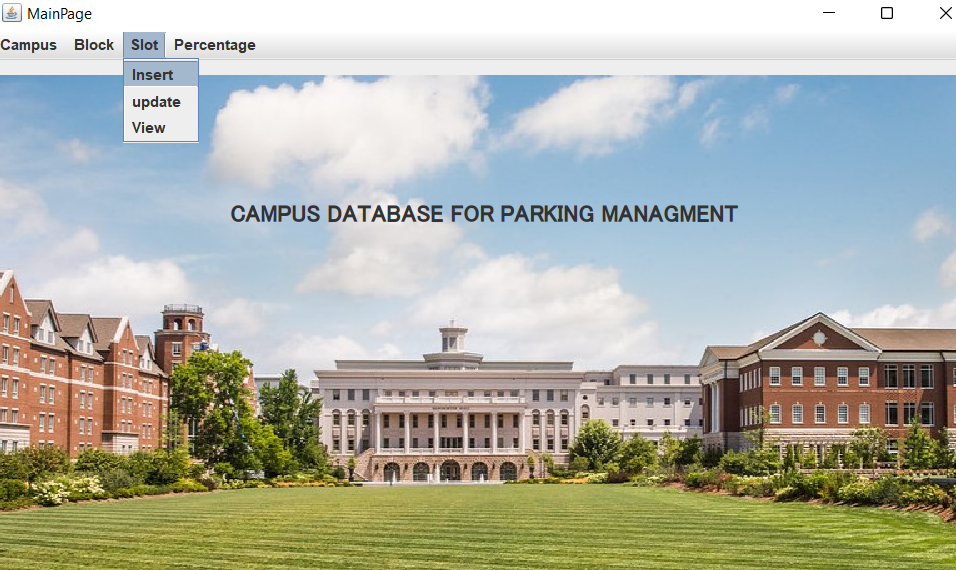
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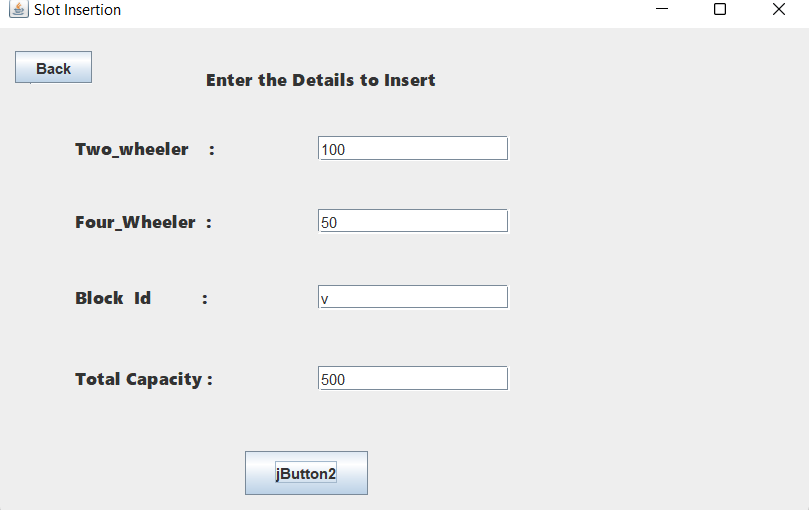
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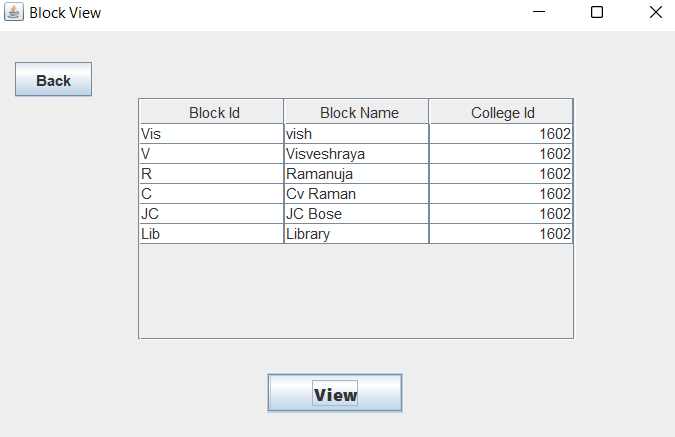
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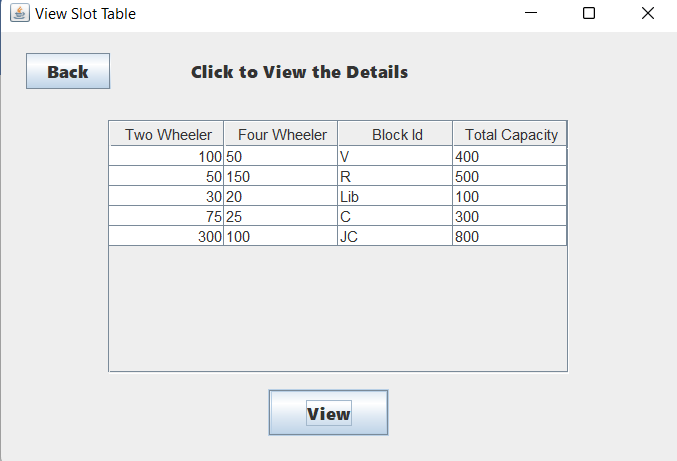
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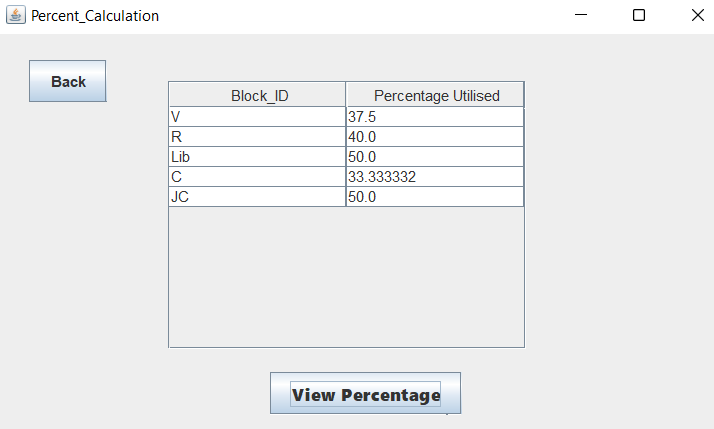
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**Results:** I had successfully completed PROJECT on “CAMPUS DATABASE FOR PARKING MANAGMENT”.

**Discussion and future Work:**

This application provides the students /faculty to know about the information of parking capacity in the campus per block. In this application, it stores the information about the campus details, block details and parking lot details.

I also wanted this application can provide the interface for student/faculty be able to book their slot in the parking lot and able to view no of slots left over for parking.

**CONCLUSION:**

Thus, a Java SWING based ***CAMPUS DATABASE FOR PARKING MANAGEMENT*** is created which is connected to the Oracle 11g database. Therefore, all the entries and details are directly updated on their respective tables created in the database