

## **18ITO02 – ADVANCED JAVA PROGRAMMING**

### **TEAM MEMBERS**

|                |          |
|----------------|----------|
| AATHISH R      | 19CSR001 |
| ARUN G         | 19CSR011 |
| HARI PRASATH P | 19CSR050 |

**CLASS : CSE-A**

**PROJECT: HOSPITAL MANAGEMENT SYSTEM**

**DATE : 27-08-2021**

# JDBC CONNECTION

## **Aim:**

To connect the existing java swing project to MySQL database using JDBC driver.

## **Algorithm:**

- Create a frame containing a table.
- Create text fields to get value from user to insert into the table.
- Create a button named insert and add action listener to it so that on clicking on it inserts the value entered in the text field into the table and connect your mysql database then import the values into the table in the database.
- Create another button named delete and add action listener to it as the selected row of the table should be deleted in both swing application and the MySQL database.
- Create another button named update and add action listener to it as the selected cell of table can be edited and the edited value is updated to both swing application and MySQL database.
- Create another button named retrieve and add action listener to it as the button is clicked the values in the database should be imported to the swing application's Jtable.

## **Code:**

```
package ajp;
```

```
import java.awt.EventQueue;
```

```
import javax.swing.JFrame;
```

```
import java.awt.CardLayout;
```

```
import javax.swing.JSplitPane;
```

```
import java.awt.Color;
```

```
import javax.swing.JPanel;
```

```
import javax.swing.JButton;
```

```
import java.awt.event.ActionListener;
```

```
import java.awt.event.MouseAdapter;
```

```
import java.awt.event.MouseEvent;
```

```
import java.awt.event.MouseListener;
```

```
import java.awt.event.ActionEvent;
```

```
import javax.swing.JLabel;
```

```
import javax.swing.JOptionPane;
```

```
import java.awt.Font;
```

```
import javax.swing.JTextField;
```

```
import javax.swing.JTree;
```

```
import javax.swing.SwingConstants;
```

```
import javax.swing.JPasswordField;
```

```
import javax.swing.JTabbedPane;
```

```
import javax.swing.table.DefaultTableModel;
```

```
import javax.swing.tree.DefaultMutableTreeNode;
```

```
import javax.swing.JScrollPane;
import javax.swing.event.TreeSelectionEvent;
import javax.swing.event.TreeSelectionListener;
import javax.swing.JRadioButton;
import javax.swing.ButtonGroup;
import javax.swing.JComboBox;
import javax.swing.DefaultComboBoxModel;
```

```
import java.sql.*;
```

```
import javax.swing.JTable;
```

```
public class Ajp {
```

```
    private JFrame frame;
    CardLayout cardLayout,cardLayout1;
    private JTextField textField;
    private JPasswordField passwordField;
    private JTextField textField_1;
    private JTextField textField_2;
    private JTextField textField_3;
    private JTextField textField_5;
    private JTextField textField_6;
    private JTextField textField_7;
    private JPasswordField passwordField_1;
    private JTextField textField_8;
```

```

private JTextField textField_9;
private JTextField textField_10;
private JTextField textField_11;
private JTextField textField_13;
private JTextField textField_14;
private final ButtonGroup buttonGroup = new ButtonGroup();
private JTextField textField_15;
private JTextField textField_16;
private JTextField textField_17;
private JTextField textField_18;
private JPasswordField passwordField_2;
private JPasswordField passwordField_3;
private JTable table_2;
private JTextField textField_4;
private JTextField textField_12;
private JTextField textField_19;
private JTextField textField_20;
private JTextField textField_21;
public static void main(String[] args) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Ajp window = new Ajp();
                window.frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    }
}

```

```

    });

}

public Ajp() {
    initialize();
}

private void initialize() {
    frame = new JFrame();
    frame.setBounds(100, 100, 924, 654);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.getContentPane().setLayout(null);

    JSplitPane splitPane = new JSplitPane();
    splitPane.setResizeWeight(0.2);
    splitPane.setBackground(Color.WHITE);
    splitPane.setBounds(0, 0, 908, 615);
    frame.getContentPane().add(splitPane);

    JPanel panel = new JPanel();
    panel.setBackground(Color.BLACK);
    splitPane.setLeftComponent(panel);
    panel.setLayout(new CardLayout(0, 0));

    JPanel panel_5 = new JPanel();

```

```
panel_5.setBackground(Color.BLACK);  
panel.add(panel_5, "name_1467039098417000");  
panel_5.setLayout(null);
```

```
JButton btnNewButton = new JButton("ADMIN\r\n");  
btnNewButton.setBackground(Color.BLACK);  
btnNewButton.setForeground(Color.WHITE);
```

```
btnNewButton.setBounds(38, 191, 89, 23);  
panel_5.add(btnNewButton);
```

```
JButton btnNewButton_1 = new JButton("PATIENT");
```

```
btnNewButton_1.setBackground(Color.BLACK);  
btnNewButton_1.setForeground(Color.WHITE);  
btnNewButton_1.setBounds(38, 264, 89, 23);  
panel_5.add(btnNewButton_1);
```

```
JPanel panel_6 = new JPanel();  
panel_6.setBackground(Color.BLACK);  
panel.add(panel_6, "name_1467189384450900");  
panel_6.setLayout(null);
```

```
JButton btnNewButton_2 = new JButton("LOGIN\r\n");
```

```
btnNewButton_2.setForeground(Color.WHITE);  
btnNewButton_2.setBackground(Color.BLACK);  
btnNewButton_2.setBounds(39, 217, 89, 23);
```

```
panel_6.add(btnNewButton_2);
```

```
JButton btnNewButton_3 = new JButton("SIGN UP");
```

```
btnNewButton_3.setBackground(Color.BLACK);
```

```
btnNewButton_3.setForeground(Color.WHITE);
```

```
btnNewButton_3.setBounds(39, 285, 89, 23);
```

```
panel_6.add(btnNewButton_3);
```

```
JPanel panel_7 = new JPanel();
```

```
panel_7.setBackground(Color.BLACK);
```

```
panel.add(panel_7, "name_1467337481541600");
```

```
panel_7.setLayout(null);
```

```
JButton btnNewButton_4 = new JButton("LOGIN");
```

```
btnNewButton_4.setForeground(Color.WHITE);
```

```
btnNewButton_4.setBackground(Color.BLACK);
```

```
btnNewButton_4.setBounds(42, 208, 89, 23);
```

```
panel_7.add(btnNewButton_4);
```

```
JButton btnNewButton_5 = new JButton("SIGN UP");
```

```
btnNewButton_5.setForeground(Color.WHITE);
```

```
btnNewButton_5.setBackground(Color.BLACK);
```

```
btnNewButton_5.setBounds(42, 271, 89, 23);
```

```
panel_7.add(btnNewButton_5);
```

```
JPanel panel_1 = new JPanel();
```

```
splitPane.setRightComponent(panel_1);
```



```
panel_1.setLayout(new CardLayout(0, 0));
```

```
JPanel panel_2 = new JPanel();
```

```
panel_2.setBackground(Color.RED);
```

```
panel_1.add(panel_2, "name_1465077063306400");
```

```
panel_2.setLayout(null);
```

```
JLabel lblNewLabel = new JLabel("WELCOME TO \r\nABC \r\nHOSPITAL");
```

```
lblNewLabel.setFont(new Font("Microsoft YaHei UI", Font.BOLD, 25));
```

```
lblNewLabel.setEnabled(true);
```

```
lblNewLabel.setBounds(147, 213, 386, 175);
```

```
panel_2.add(lblNewLabel);
```

```
JPanel panel_3 = new JPanel();
```

```
panel_3.setBackground(Color.CYAN);
```

```
panel_1.add(panel_3, "name_1465083294127200");
```

```
panel_3.setLayout(null);
```

```
JLabel lblNewLabel_1 = new JLabel("Username:");
```

```
lblNewLabel_1.setFont(new Font("Tahoma", Font.BOLD, 18));
```

```
lblNewLabel_1.setBounds(170, 262, 138, 22);
```

```
panel_3.add(lblNewLabel_1);
```

```
textField = new JTextField();
```

```
textField.setBounds(282, 264, 164, 20);
```

```
panel_3.add(textField);
```

```
textField.setColumns(10);
```

```
JLabel lblNewLabel_2 = new JLabel("Password:");  
lblNewLabel_2.setFont(new Font("Tahoma", Font.BOLD, 18));  
lblNewLabel_2.setBounds(170, 342, 113, 14);  
panel_3.add(lblNewLabel_2);
```

```
passwordField = new JPasswordField();  
passwordField.setBounds(282, 342, 164, 20);  
panel_3.add(passwordField);
```

```
JButton btnNewButton_6 = new JButton("LOGIN");
```

```
btnNewButton_6.setFont(new Font("Tahoma", Font.BOLD, 11));  
btnNewButton_6.setBounds(264, 416, 89, 23);  
panel_3.add(btnNewButton_6);
```

```
JLabel lblNewLabel_3 = new JLabel("ADMIN LOGIN PAGE");  
lblNewLabel_3.setFont(new Font("Tahoma", Font.BOLD, 22));  
lblNewLabel_3.setBounds(195, 47, 251, 52);  
panel_3.add(lblNewLabel_3);
```

```
JPanel panel_4 = new JPanel();  
panel_4.setBackground(Color.MAGENTA);  
panel_1.add(panel_4, "name_1465090370430800");  
panel_4.setLayout(null);
```

```
JLabel lblNewLabel_4 = new JLabel("Name:");  
lblNewLabel_4.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_4.setBounds(160, 202, 89, 14);
```

```
panel_4.add(lblNewLabel_4);
```

```
JLabel lblNewLabel_5 = new JLabel("Username:");  
lblNewLabel_5.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_5.setBounds(160, 244, 89, 14);  
panel_4.add(lblNewLabel_5);
```

```
JLabel lblNewLabel_6 = new JLabel("Password:");  
lblNewLabel_6.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_6.setBounds(160, 288, 89, 14);  
panel_4.add(lblNewLabel_6);
```

```
JLabel lblNewLabel_7 = new JLabel("Age:");  
lblNewLabel_7.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_7.setBounds(160, 324, 89, 30);  
panel_4.add(lblNewLabel_7);
```

```
JLabel lblNewLabel_8 = new JLabel("E-Mail:");  
lblNewLabel_8.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_8.setBounds(160, 374, 89, 14);  
panel_4.add(lblNewLabel_8);
```

```
JLabel lblNewLabel_9 = new JLabel("Phone_NO:");  
lblNewLabel_9.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_9.setBounds(160, 422, 89, 14);  
panel_4.add(lblNewLabel_9);
```

```
textField_1 = new JTextField();
```

```
textField_1.setBounds(259, 421, 129, 20);  
panel_4.add(textField_1);  
textField_1.setColumns(10);
```

```
textField_2 = new JTextField();  
textField_2.setBounds(259, 373, 129, 20);  
panel_4.add(textField_2);  
textField_2.setColumns(10);
```

```
textField_3 = new JTextField();  
textField_3.setBounds(259, 331, 129, 20);  
panel_4.add(textField_3);  
textField_3.setColumns(10);
```

```
textField_5 = new JTextField();  
textField_5.setBounds(259, 243, 129, 20);  
panel_4.add(textField_5);  
textField_5.setColumns(10);
```

```
textField_6 = new JTextField();  
textField_6.setBounds(259, 201, 129, 20);  
panel_4.add(textField_6);  
textField_6.setColumns(10);
```

```
JButton btnNewButton_7 = new JButton("SIGN UP");
```

```
btnNewButton_7.setFont(new Font("Tahoma", Font.BOLD, 12));  
btnNewButton_7.setBounds(228, 490, 89, 23);
```

```
panel_4.add(btnNewButton_7);
```

```
JLabel lblNewLabel_10 = new JLabel("ADMIN SIGN UP PAGE");
```

```
lblNewLabel_10.setFont(new Font("Tahoma", Font.BOLD, 22));
```

```
lblNewLabel_10.setBounds(141, 66, 252, 41);
```

```
panel_4.add(lblNewLabel_10);
```

```
passwordField_3 = new JPasswordField();
```

```
passwordField_3.setBounds(259, 287, 129, 20);
```

```
panel_4.add(passwordField_3);
```

```
cardLayout=(CardLayout)(panel_1.getLayout());
```

```
JPanel panel_8 = new JPanel();
```

```
panel_8.setBackground(Color.ORANGE);
```

```
panel_1.add(panel_8, "name_1468843689222100");
```

```
panel_8.setLayout(null);
```

```
JLabel lblNewLabel_11 = new JLabel("Username:");
```

```
lblNewLabel_11.setFont(new Font("Tahoma", Font.BOLD, 18));
```

```
lblNewLabel_11.setBounds(208, 311, 116, 22);
```

```
panel_8.add(lblNewLabel_11);
```

```
JLabel lblNewLabel_12 = new JLabel("Password:");
```

```
lblNewLabel_12.setFont(new Font("Tahoma", Font.BOLD, 18));
```

```
lblNewLabel_12.setBounds(208, 364, 101, 22);
```

```
panel_8.add(lblNewLabel_12);
```

```
textField_7 = new JTextField();  
textField_7.setBounds(334, 315, 142, 20);  
panel_8.add(textField_7);  
textField_7.setColumns(10);
```

```
passwordField_1 = new JPasswordField();  
passwordField_1.setBounds(334, 366, 142, 20);  
panel_8.add(passwordField_1);
```

```
JButton btnNewButton_8 = new JButton("LOGIN");  
btnNewButton_8.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_8.setBounds(280, 425, 89, 23);
```

```
panel_8.add(btnNewButton_8);
```

```
JLabel lblNewLabel_13 = new JLabel("PATIENT LOGIN PAGE");  
lblNewLabel_13.setFont(new Font("Tahoma", Font.BOLD, 22));  
lblNewLabel_13.setBounds(210, 86, 276, 54);  
panel_8.add(lblNewLabel_13);
```

```
JPanel panel_9 = new JPanel();  
panel_9.setBackground(Color.PINK);  
panel_1.add(panel_9, "name_1468849600888300");  
panel_9.setLayout(null);
```

```
JLabel lblNewLabel_14 = new JLabel("Name:\r\n");  
lblNewLabel_14.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_14.setBounds(178, 153, 88, 14);
```

```
panel_9.add(lblNewLabel_14);
```

```
JLabel lblNewLabel_15 = new JLabel("Username:");  
lblNewLabel_15.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_15.setBounds(178, 190, 88, 14);  
panel_9.add(lblNewLabel_15);
```

```
JLabel lblNewLabel_16 = new JLabel("Password:");  
lblNewLabel_16.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_16.setBounds(178, 224, 88, 14);  
panel_9.add(lblNewLabel_16);
```

```
JLabel lblNewLabel_17 = new JLabel("Age:");  
lblNewLabel_17.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_17.setBounds(178, 249, 88, 25);  
panel_9.add(lblNewLabel_17);
```

```
JLabel lblNewLabel_18 = new JLabel("Gender:");  
lblNewLabel_18.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_18.setBounds(178, 285, 88, 14);  
panel_9.add(lblNewLabel_18);
```

```
JLabel lblNewLabel_19 = new JLabel("E-Mail:");  
lblNewLabel_19.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_19.setBounds(178, 318, 88, 14);  
panel_9.add(lblNewLabel_19);
```

```
JLabel lblNewLabel_20 = new JLabel("Phone_NO:");
```

```
lblNewLabel_20.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_20.setBounds(178, 350, 88, 14);  
panel_9.add(lblNewLabel_20);
```

```
JLabel lblNewLabel_21 = new JLabel("Address:");  
lblNewLabel_21.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_21.setBounds(178, 382, 88, 14);  
panel_9.add(lblNewLabel_21);
```

```
textField_8 = new JTextField();  
textField_8.setBounds(276, 381, 141, 20);  
panel_9.add(textField_8);  
textField_8.setColumns(10);
```

```
textField_9 = new JTextField();  
textField_9.setBounds(276, 349, 141, 20);  
panel_9.add(textField_9);  
textField_9.setColumns(10);
```

```
textField_10 = new JTextField();  
textField_10.setBounds(276, 317, 141, 20);  
panel_9.add(textField_10);  
textField_10.setColumns(10);
```

```
textField_11 = new JTextField();  
textField_11.setBounds(276, 253, 141, 20);  
panel_9.add(textField_11);  
textField_11.setColumns(10);
```



```
textField_13 = new JTextField();  
textField_13.setBounds(276, 189, 141, 20);  
panel_9.add(textField_13);  
textField_13.setColumns(10);
```

```
textField_14 = new JTextField();  
textField_14.setBounds(276, 152, 141, 20);  
panel_9.add(textField_14);  
textField_14.setColumns(10);
```

```
JRadioButton rdbtnNewRadioButton = new JRadioButton("Male");  
buttonGroup.add(rdbtnNewRadioButton);  
rdbtnNewRadioButton.setBackground(Color.PINK);  
rdbtnNewRadioButton.setBounds(272, 283, 52, 23);  
panel_9.add(rdbtnNewRadioButton);
```

```
JRadioButton rdbtnNewRadioButton_1 = new JRadioButton("Female");  
buttonGroup.add(rdbtnNewRadioButton_1);  
rdbtnNewRadioButton_1.setBackground(Color.PINK);  
rdbtnNewRadioButton_1.setBounds(337, 283, 77, 23);  
panel_9.add(rdbtnNewRadioButton_1);
```

```
rdbtnNewRadioButton.setActionCommand("MALE");  
rdbtnNewRadioButton_1.setActionCommand("FEMALE");
```

```
JButton btnNewButton_9 = new JButton("SIGN UP");  
btnNewButton_9.setFont(new Font("Tahoma", Font.BOLD, 14));
```

```
btnNewButton_9.setBounds(235, 428, 100, 23);  
panel_9.add(btnNewButton_9);
```

```
JLabel lblNewLabel_22 = new JLabel("PATIENT SIGN UP PAGE");  
lblNewLabel_22.setFont(new Font("Tahoma", Font.BOLD, 22));  
lblNewLabel_22.setForeground(new Color(0, 0, 0));  
lblNewLabel_22.setBounds(162, 47, 262, 39);  
panel_9.add(lblNewLabel_22);
```

```
passwordField_2 = new JPasswordField();  
passwordField_2.setBounds(276, 223, 141, 20);  
panel_9.add(passwordField_2);
```

```
JTabbedPane tabbedPane = new JTabbedPane(JTabbedPane.TOP);  
panel_1.add(tabbedPane, "name_1495769055526000");
```

```
JPanel panel_13 = new JPanel();  
panel_13.setBackground(new Color(224, 255, 255));  
tabbedPane.addTab("About", null, panel_13, null);  
panel_13.setLayout(null);
```

```
JLabel lblNewLabel_49 = new JLabel("ABOUT US");  
lblNewLabel_49.setFont(new Font("Times New Roman", Font.BOLD, 30));  
lblNewLabel_49.setBounds(276, 36, 181, 30);  
panel_13.add(lblNewLabel_49);
```

```
JButton btnNewButton_12 = new JButton("NEXT");
```

```
btnNewButton_12.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_12.setBounds(551, 513, 107, 30);  
panel_13.add(btnNewButton_12);
```

```
JPanel panel_10 = new JPanel();  
panel_10.setBackground(new Color(204, 255, 255));  
tabbedPane.addTab("Booking", null, panel_10, null);  
panel_10.setLayout(null);
```

```
JLabel lblNewLabel_23 = new JLabel("MAKE AN APPOINTMENT");  
lblNewLabel_23.setFont(new Font("Tahoma", Font.BOLD, 22));  
lblNewLabel_23.setBounds(209, 36, 286, 41);  
panel_10.add(lblNewLabel_23);
```

```
JLabel lblNewLabel_24 = new JLabel("Name:");  
lblNewLabel_24.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_24.setBounds(153, 118, 96, 14);  
panel_10.add(lblNewLabel_24);
```

```
JLabel lblNewLabel_25 = new JLabel("E-Mail:");  
lblNewLabel_25.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_25.setBounds(153, 153, 96, 14);  
panel_10.add(lblNewLabel_25);
```

```
JLabel lblNewLabel_26 = new JLabel("Phone_NO:");  
lblNewLabel_26.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_26.setBounds(153, 192, 96, 14);  
panel_10.add(lblNewLabel_26);
```

```
JLabel lblNewLabel_27 = new JLabel("City:");  
lblNewLabel_27.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_27.setBounds(153, 230, 46, 14);  
panel_10.add(lblNewLabel_27);
```

```
JLabel lblNewLabel_28 = new JLabel("Speciality:");  
lblNewLabel_28.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_28.setBounds(153, 269, 96, 22);  
panel_10.add(lblNewLabel_28);
```

```
JLabel lblNewLabel_29 = new JLabel("Date:");  
lblNewLabel_29.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_29.setBounds(153, 316, 96, 14);  
panel_10.add(lblNewLabel_29);
```

```
JLabel lblNewLabel_30 = new JLabel("Slot:");  
lblNewLabel_30.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_30.setBounds(153, 355, 96, 14);  
panel_10.add(lblNewLabel_30);
```

```
textField_15 = new JTextField();  
textField_15.setBounds(259, 117, 128, 20);  
panel_10.add(textField_15);  
textField_15.setColumns(10);
```

```
textField_16 = new JTextField();  
textField_16.setBounds(259, 152, 128, 20);
```

```
panel_10.add(textField_16);  
textField_16.setColumns(10);
```

```
textField_17 = new JTextField();  
textField_17.setBounds(259, 191, 128, 20);  
panel_10.add(textField_17);  
textField_17.setColumns(10);
```

```
JComboBox comboBox = new JComboBox();  
comboBox.setModel(new DefaultComboBoxModel(new String[] { "-----  
SELECT-----", "ERODE", "PERUNDURAI", "TIRUPPUR", "KARUR", "POLLACHI",  
"CHITODE" }));  
comboBox.setBounds(259, 228, 128, 22);  
panel_10.add(comboBox);
```

```
JComboBox comboBox_1 = new JComboBox();  
comboBox_1.setModel(new DefaultComboBoxModel(new String[] { "-----  
SELECT-----", "GENERAL", "ORTHO", "EYE CARE", "SURGICAL", "PHYSIO",  
"NEURO", "DENTAL", "" }));  
comboBox_1.setBounds(259, 271, 128, 22);  
panel_10.add(comboBox_1);
```

```
JComboBox comboBox_2 = new JComboBox();  
comboBox_2.setModel(new DefaultComboBoxModel(new String[] { "-----  
SELECT-----", "9:00-11:00", "12:00-2:00", "3:00-5:00", "7:00-9:00" }));  
comboBox_2.setBounds(259, 353, 128, 22);  
panel_10.add(comboBox_2);
```

```
JButton btnNewButton_10 = new JButton("SUBMIT");
```

```
btnNewButton_10.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_10.setBounds(224, 409, 113, 23);  
panel_10.add(btnNewButton_10);
```

```
textField_18 = new JTextField();  
textField_18.setBounds(259, 315, 128, 20);  
textField_18.setToolTipText("Enter DD-MM-YYYY");  
panel_10.add(textField_18);  
textField_18.setColumns(10);
```

```
JButton btnNewButton_13 = new JButton("NEXT");
```

```
btnNewButton_13.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_13.setBounds(578, 525, 104, 30);  
panel_10.add(btnNewButton_13);
```

```
JButton btnNewButton_17 = new JButton("BACK");
```

```
btnNewButton_17.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_17.setBounds(24, 525, 96, 29);  
panel_10.add(btnNewButton_17);
```

```
DefaultMutableTreeNode hospi=new DefaultMutableTreeNode("Hospital");  
DefaultMutableTreeNode block1=new DefaultMutableTreeNode("block1");  
DefaultMutableTreeNode block2=new DefaultMutableTreeNode("block2");  
DefaultMutableTreeNode block3=new DefaultMutableTreeNode("block3");  
DefaultMutableTreeNode block4=new DefaultMutableTreeNode("block4");  
DefaultMutableTreeNode floor1=new DefaultMutableTreeNode("floor1");
```

```
DefaultMutableTreeNode floor2=new DefaultMutableTreeNode("floor2");
DefaultMutableTreeNode floor3=new DefaultMutableTreeNode("floor3");
DefaultMutableTreeNode b2floor1=new DefaultMutableTreeNode("floor1");
DefaultMutableTreeNode b2floor2=new DefaultMutableTreeNode("floor2");
DefaultMutableTreeNode b2floor3=new DefaultMutableTreeNode("floor3");
DefaultMutableTreeNode b3floor1=new DefaultMutableTreeNode("floor1");
DefaultMutableTreeNode b3floor2=new DefaultMutableTreeNode("floor2");
DefaultMutableTreeNode b3floor3=new DefaultMutableTreeNode("floor3");
DefaultMutableTreeNode b4floor1=new DefaultMutableTreeNode("floor1");
DefaultMutableTreeNode b4floor2=new DefaultMutableTreeNode("floor2");
DefaultMutableTreeNode b4floor3=new DefaultMutableTreeNode("floor3");
DefaultMutableTreeNode ph1=new DefaultMutableTreeNode("Pharmacy");
DefaultMutableTreeNode ph2=new DefaultMutableTreeNode("Pharmacy");
DefaultMutableTreeNode ph3=new DefaultMutableTreeNode("Pharmacy");
DefaultMutableTreeNode ph4=new DefaultMutableTreeNode("Pharmacy");
DefaultMutableTreeNode gw1=new DefaultMutableTreeNode("General Wards");
DefaultMutableTreeNode gw2=new DefaultMutableTreeNode("General Wards");
DefaultMutableTreeNode gw3=new DefaultMutableTreeNode("General Wards");
DefaultMutableTreeNode gw4=new DefaultMutableTreeNode("General Wards");
DefaultMutableTreeNode icu1=new DefaultMutableTreeNode("ICU");
DefaultMutableTreeNode icu2=new DefaultMutableTreeNode("ICU");
DefaultMutableTreeNode icu3=new DefaultMutableTreeNode("ICU");
DefaultMutableTreeNode icu4=new DefaultMutableTreeNode("ICU");
DefaultMutableTreeNode ent=new DefaultMutableTreeNode("ENT");
DefaultMutableTreeNode ec=new DefaultMutableTreeNode("Eye Care");
DefaultMutableTreeNode dt=new DefaultMutableTreeNode("Dental");
DefaultMutableTreeNode psy=new DefaultMutableTreeNode("Physio");
hospi.add(block1);
```

```
hospi.add(block2);
hospi.add(block3);
hospi.add(block4);
block1.add(floor1);
block1.add(floor2);
block1.add(floor3);
block2.add(b2floor1);
block2.add(b2floor2);
block2.add(b2floor3);
block3.add(b3floor1);
block3.add(b3floor2);
block3.add(b3floor3);
block4.add(b4floor1);
block4.add(b4floor2);
block4.add(b4floor3);
floor1.add(ph1);
b2floor1.add(ph2);
b3floor1.add(ph3);
b4floor1.add(ph4);
floor2.add(gw1);
b2floor2.add(gw2);
b3floor2.add(gw3);
b4floor2.add(gw4);
floor3.add(icu1);
b2floor3.add(icu2);
b3floor3.add(icu3);
b4floor3.add(icu4);
floor3.add(ent);
```



```
b2floor3.add(ec);  
b3floor3.add(dt);  
b4floor3.add(psy);
```

```
JPanel panel_12 = new JPanel();  
panel_12.setForeground(Color.CYAN);  
panel_12.setBackground(new Color(204, 255, 255));  
tabbedPane.addTab("Summary", null, panel_12, null);  
panel_12.setLayout(null);
```

```
JLabel lblNewLabel_32 = new JLabel("APPOINTMENT BOOKED DETAILS");  
lblNewLabel_32.setFont(new Font("Tahoma", Font.BOLD, 22));  
lblNewLabel_32.setBounds(225, 52, 390, 27);  
panel_12.add(lblNewLabel_32);
```

```
JLabel lblNewLabel_33 = new JLabel("NAME:");  
lblNewLabel_33.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_33.setBounds(253, 142, 108, 27);  
panel_12.add(lblNewLabel_33);
```

```
JLabel lblNewLabel_34 = new JLabel("E-MAIL ID:");  
lblNewLabel_34.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_34.setBounds(253, 197, 108, 27);  
panel_12.add(lblNewLabel_34);
```

```
JLabel lblNewLabel_35 = new JLabel("PHONE-NO:");  
lblNewLabel_35.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_35.setBounds(253, 251, 108, 27);
```

```
panel_12.add(lblNewLabel_35);
```

```
JLabel lblNewLabel_36 = new JLabel("CITY:");  
lblNewLabel_36.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_36.setBounds(253, 307, 108, 27);  
panel_12.add(lblNewLabel_36);
```

```
JLabel lblNewLabel_37 = new JLabel("SPECIALTY:");  
lblNewLabel_37.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_37.setBounds(253, 358, 108, 27);  
panel_12.add(lblNewLabel_37);
```

```
JLabel lblNewLabel_38 = new JLabel("DATE:");  
lblNewLabel_38.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_38.setBounds(253, 417, 108, 17);  
panel_12.add(lblNewLabel_38);
```

```
JLabel lblNewLabel_39 = new JLabel("SLOT:");  
lblNewLabel_39.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_39.setBounds(253, 470, 108, 17);  
panel_12.add(lblNewLabel_39);
```

```
JLabel lblNewLabel_40 = new JLabel("AMOUNT:");  
lblNewLabel_40.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_40.setBounds(253, 522, 108, 17);  
panel_12.add(lblNewLabel_40);
```

```
JLabel lblNewLabel_41 = new JLabel("N/A");
```

```
lblNewLabel_41.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_41.setBounds(373, 149, 154, 14);  
panel_12.add(lblNewLabel_41);
```

```
JLabel lblNewLabel_42 = new JLabel("N/A\r\n");  
lblNewLabel_42.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_42.setBounds(371, 205, 222, 14);  
panel_12.add(lblNewLabel_42);
```

```
JLabel lblNewLabel_43 = new JLabel("N/A");  
lblNewLabel_43.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_43.setBounds(371, 259, 156, 14);  
panel_12.add(lblNewLabel_43);
```

```
JLabel lblNewLabel_44 = new JLabel("N/A");  
lblNewLabel_44.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_44.setBounds(371, 315, 156, 14);  
panel_12.add(lblNewLabel_44);
```

```
JLabel lblNewLabel_45 = new JLabel("N/A");  
lblNewLabel_45.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_45.setBounds(371, 366, 156, 14);  
panel_12.add(lblNewLabel_45);
```

```
JLabel lblNewLabel_46 = new JLabel("N/A");  
lblNewLabel_46.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_46.setBounds(371, 420, 156, 14);  
panel_12.add(lblNewLabel_46);
```

```
JLabel lblNewLabel_47 = new JLabel("N/A");  
lblNewLabel_47.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_47.setBounds(371, 473, 192, 14);  
panel_12.add(lblNewLabel_47);
```

```
JLabel lblNewLabel_48 = new JLabel("N/A");  
lblNewLabel_48.setFont(new Font("Times New Roman", Font.BOLD, 16));  
lblNewLabel_48.setBounds(371, 525, 156, 14);  
panel_12.add(lblNewLabel_48);
```

```
JButton btnNewButton_14 = new JButton("NEXT");
```

```
btnNewButton_14.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_14.setBounds(592, 547, 98, 27);  
panel_12.add(btnNewButton_14);
```

```
JButton btnNewButton_15 = new JButton("BACK");
```

```
btnNewButton_15.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_15.setBounds(26, 547, 98, 27);  
panel_12.add(btnNewButton_15);
```

```
JPanel panel_11 = new JPanel();  
panel_11.setBackground(new Color(204, 255, 255));  
tabbedPane.addTab("Map", null, panel_11, null);  
tabbedPane.setBackgroundAt(3, Color.WHITE);  
panel_11.setLayout(null);
```

```
panel_11.setVisible(true);
```

```
JLabel t1 = new JLabel("N/A");  
t1.setVerticalAlignment(SwingConstants.TOP);  
t1.setHorizontalAlignment(SwingConstants.LEFT);  
t1.setFont(new Font("Times New Roman", Font.BOLD, 25));  
t1.setBounds(138, 505, 489, 69);  
panel_11.add(t1);
```

```
JLabel lblNewLabel_31 = new JLabel("HOSPITAL MAP");  
lblNewLabel_31.setFont(new Font("Tahoma", Font.BOLD, 22));  
lblNewLabel_31.setBounds(211, 34, 301, 48);  
panel_11.add(lblNewLabel_31);
```

```
JScrollPane scrollPane = new JScrollPane();  
scrollPane.setBounds(211, 112, 233, 355);  
panel_11.add(scrollPane);  
JTree jt = new JTree(hospi);  
scrollPane.setViewportView(jt);
```

```
JButton btnNewButton_16 = new JButton("BACK");  
btnNewButton_16.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
    }  
});  
btnNewButton_16.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_16.setBounds(10, 529, 100, 33);
```

```

        panel_11.add(btnNewButton_16);

        JTabbedPane tabbedPane_1 = new
JTabbedPane(JTabbedPane.TOP);
        panel_1.add(tabbedPane_1, "name_1586707225937900");

        JPanel panel_15 = new JPanel();
        tabbedPane_1.addTab("Patient Login Details", null, panel_15,
null);

        panel_15.setLayout(null);

        JScrollPane scrollPane_1 = new JScrollPane();
        scrollPane_1.setBounds(10, 11, 719, 380);
        panel_15.add(scrollPane_1);

        JTable table = new JTable();
        scrollPane_1.setViewportView(table);
        Object[] columns1 =
{"Name","Username","Password","Age","Gender","E-Mail","Phone","Address"};
        DefaultTableModel model = new DefaultTableModel();
        frame.setLocationRelativeTo(null);
        model.setColumnIdentifiers (columns1);
        table.setModel(model);
        Object[] row1 = new Object[8];

        JButton btnNewButton_18 = new JButton("RETRIEVE");

        btnNewButton_18.setFont(new Font("Tahoma", Font.BOLD, 14));
        btnNewButton_18.setBounds(312, 418, 133, 36);

```

```

panel_15.add(btnNewButton_18);

JButton btnNewButton_20 = new JButton("Next");

btnNewButton_20.setFont(new Font("Tahoma", Font.BOLD, 14));
btnNewButton_20.setBounds(569, 515, 116, 36);
panel_15.add(btnNewButton_20);

JPanel panel_16 = new JPanel();
tabbedPane_1.addTab("Appointment Records", null, panel_16,
null);

panel_16.setLayout(null);

JScrollPane scrollPane_2 = new JScrollPane();
scrollPane_2.setBounds(10, 11, 719, 353);
panel_16.add(scrollPane_2);

JTable table_1 = new JTable();
scrollPane_2.setViewportView(table_1);
Object[] columns2 = {"Name", "E-
Mail", "Mobile_NO", "City", "Speciality", "Date", "Slot", "Amount"};
DefaultTableModel model1 = new DefaultTableModel();
frame.setLocationRelativeTo(null);
model1.setColumnIdentifiers (columns2);
table_1.setModel(model1);
Object[] row2 = new Object[8];

JButton btnNewButton_19 = new JButton("RETRIEVE");

```

```
btnNewButton_19.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_19.setBounds(308, 401, 145, 38);  
panel_16.add(btnNewButton_19);
```

```
JButton btnNewButton_21 = new JButton("BACK");
```

```
btnNewButton_21.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_21.setBounds(10, 511, 109, 38);  
panel_16.add(btnNewButton_21);
```

```
JButton btnNewButton_22 = new JButton("NEXT");
```

```
btnNewButton_22.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_22.setBounds(606, 511, 123, 38);  
panel_16.add(btnNewButton_22);
```

```
JPanel panel_17 = new JPanel();  
tabbedPane_1.addTab("Medicine Stock", null, panel_17, null);  
panel_17.setLayout(null);
```

```
JScrollPane scrollPane_3 = new JScrollPane();  
scrollPane_3.setBounds(10, 11, 719, 317);  
panel_17.add(scrollPane_3);
```

```
table_2 = new JTable();  
scrollPane_3.setViewportView(table_2);  
Object[] columns3 = {"ID", "Medicine Name", "Medicine  
Brand", "Stock", "Price"};
```



```
DefaultTableModel model2 = new DefaultTableModel();  
frame.setLocationRelativeTo(null);  
model2.setColumnIdentifiers (columns3);  
table_2.setModel(model2);
```

```
table_2.setGridColor(Color.red);  
table_2.setSelectionBackground (Color.white);  
table_2.setFont(new Font("Tahoma",Font.PLAIN,17));  
table_2.setRowHeight(30);  
table_2.setAutoCreateRowSorter(true);
```

```
JLabel lblNewLabel_50 = new JLabel("Medicine Name");  
lblNewLabel_50.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_50.setBounds(10, 346, 124, 27);  
panel_17.add(lblNewLabel_50);
```

```
textField_4 = new JTextField();  
textField_4.setBounds(144, 351, 138, 20);  
panel_17.add(textField_4);  
textField_4.setColumns(10);
```

```
JLabel lblNewLabel_51 = new JLabel("Medicine Brand");  
lblNewLabel_51.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_51.setBounds(10, 405, 124, 20);  
panel_17.add(lblNewLabel_51);
```

```
textField_12 = new JTextField();
```

```
textField_12.setBounds(144, 405, 138, 20);  
panel_17.add(textField_12);  
textField_12.setColumns(10);
```

```
JLabel lblNewLabel_52 = new JLabel("ID");  
lblNewLabel_52.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_52.setBounds(10, 461, 124, 20);  
panel_17.add(lblNewLabel_52);
```

```
textField_19 = new JTextField();  
textField_19.setBounds(144, 463, 138, 20);  
panel_17.add(textField_19);  
textField_19.setColumns(10);
```

```
JLabel lblNewLabel_53 = new JLabel("Stock");  
lblNewLabel_53.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_53.setBounds(365, 350, 124, 19);  
panel_17.add(lblNewLabel_53);
```

```
textField_20 = new JTextField();  
textField_20.setBounds(499, 351, 138, 20);  
panel_17.add(textField_20);  
textField_20.setColumns(10);
```

```
JLabel lblNewLabel_54 = new JLabel("Price\r\n");  
lblNewLabel_54.setFont(new Font("Tahoma", Font.BOLD, 14));  
lblNewLabel_54.setBounds(365, 410, 124, 20);  
panel_17.add(lblNewLabel_54);
```

```
textField_21 = new JTextField();  
textField_21.setBounds(499, 407, 138, 20);  
panel_17.add(textField_21);  
textField_21.setColumns(10);
```

```
JButton btnNewButton_23 = new JButton("ADD");
```

```
btnNewButton_23.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_23.setBounds(10, 498, 101, 36);  
panel_17.add(btnNewButton_23);
```

```
JButton btnNewButton_24 = new JButton("DELETE");  
btnNewButton_24.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_24.setBounds(193, 498, 101, 36);  
panel_17.add(btnNewButton_24);
```

```
JButton btnNewButton_25 = new JButton("UPDATE");  
btnNewButton_25.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_25.setBounds(377, 498, 101, 36);  
panel_17.add(btnNewButton_25);
```

```
JButton btnNewButton_26 = new JButton("RETRIEVE");  
btnNewButton_26.setFont(new Font("Tahoma", Font.BOLD, 14));  
btnNewButton_26.setBounds(583, 498, 124, 36);  
panel_17.add(btnNewButton_26);
```

```
cardLayout1=(CardLayout)(panel.getLayout());
```

```
JPanel panel_14 = new JPanel();
panel_14.setBackground(Color.BLACK);
panel.add(panel_14, "name_1584176821594600");
panel_14.setLayout(null);
```

```
JButton btnNewButton_11 = new JButton("LOGOUT");
btnNewButton_11.setBackground(Color.BLACK);
btnNewButton_11.setForeground(Color.WHITE);
```

```
btnNewButton_11.setBounds(37, 286, 89, 23);
panel_14.add(btnNewButton_11);
```

```
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        cardLayout1.show(panel, "name_1467189384450900");
    }
});
```

```
btnNewButton_1.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        cardLayout1.show(panel, "name_1467337481541600");
    }
});
```

```
btnNewButton_2.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
        cardLayout.show(panel_1,"name_1465083294127200");  
    }  
});
```

```
btnNewButton_3.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
        cardLayout.show(panel_1,"name_1465090370430800");  
    }  
});
```

```
btnNewButton_4.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
        cardLayout.show(panel_1,"name_1468843689222100");  
    }  
});
```

```
btnNewButton_5.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
        cardLayout.show(panel_1,"name_1468849600888300");  
    }  
});
```

```
btnNewButton_10.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
        try {  
            String name,email,phone,city,specialty,date,slot;
```

```
int amt=10;
name = textField_15.getText();
email = textField_16.getText();
phone = textField_17.getText();
city = comboBox.getSelectedItemAt().toString();
specialty = comboBox_1.getSelectedItemAt().toString();
date = textField_18.getText();
slot = comboBox_2.getSelectedItemAt().toString();
```

```
lblNewLabel_41.setText(name);
lblNewLabel_42.setText(email);
lblNewLabel_43.setText(phone);
lblNewLabel_44.setText(city);
lblNewLabel_45.setText(specialty);
lblNewLabel_46.setText(date);
lblNewLabel_47.setText(slot);
lblNewLabel_48.setText(String.valueOf(amt));
lblNewLabel_48.setText(String.valueOf(amt*250));
tabbedPane.setEnabledAt(1,true);
tabbedPane.setSelectedIndex(1);
```

```
String url="jdbc:mysql://localhost:3306/ajp";
String uname="root";
String pass="Aathish";
Class.forName("com.mysql.cj.jdbc.Driver");
Connection con=DriverManager.getConnection(url,uname,pass);
JOptionPane.showMessageDialog(null, "Appointment Booked
```

```
Successfully!");
```

```

        String q1="INSERT into booking
(Name,Email,MobileNo,City,Specialty,Date,Slot,Amount)
values('"+name+"','"+email+"','"+phone+"','"+city+"','"+specialty+"','"+date+"','"+slot+"','"+2500
+"');";

```

```

        Statement st1=con.createStatement();
        st1.executeUpdate(q1);
    }
    catch(Exception e1)
    {
        System.out.println(e1);
    }
}

```

```

});

```

```

jt.addTreeSelectionListener(new TreeSelectionListener()
{

```

```

        @Override
        public void valueChanged(TreeSelectionEvent e) {
            // TODO Auto-generated method stub
            DefaultMutableTreeNode node=(
DefaultMutableTreeNode)jt.getLastSelectedPathComponent();
            if(node == null) return;
            t1.setText("WELCOME TO ----> "+"
"+node.getUserObject().toString());
        }
    });
}

```

```

btnNewButton_9.addActionListener(new ActionListener() {

```

```

        public void actionPerformed(ActionEvent e) {
            try {
                String
url="jdbc:mysql://localhost:3306/ajp";

                String uname="root";
                String pass="Aathish";
                Class.forName("com.mysql.cj.jdbc.Driver");

                Connection
con=DriverManager.getConnection(url,uname,pass);

                String
sname,susername,spassword,sage,sgender,semail,sphoneno,saddress;

                sname=textField_14.getText();
                susername=textField_13.getText();
                spassword=passwordField_2.getText();
                sage=textField_11.getText();

sgender=buttonGroup.getSelection().getActionCommand();

                semail=textField_10.getText();
                sphoneno=textField_9.getText();
                saddress=textField_8.getText();

                String q2="INSERT into p_signup
(Name,Username>Password,Age,Gender,Mail_ID,Phone,Address)
values('"+sname+"','"+susername+"','"+spassword+"','"+sage+"','"+sgender+"','"+semail+"','"+sp
honoeno+"','"+saddress+"');";

                Statement st2=con.createStatement();
                st2.executeUpdate(q2);

                JOptionPane.showMessageDialog(null,
"Signed Up successfully!");
            }

```



```

        catch(Exception e1)
        {
            System.out.println(e1);
        }
    }

});

btnNewButton_8.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        if(textField_7.getText().isEmpty() &&
passwordField_1.getText().isEmpty())
            JOptionPane.showMessageDialog(null, "Fill the
details!" );
        else if(textField_7.getText().isEmpty())
            JOptionPane.showMessageDialog(null, "Enter
Username!" );
        else if(passwordField_1.getText().isEmpty())
            JOptionPane.showMessageDialog(null, "Enter
Password!" );
        else {
            try {
                String url="jdbc:mysql://localhost:3306/ajp";
                String uname="root";
                String pass="Aathish";
                Class.forName("com.mysql.cj.jdbc.Driver");

                Connection
con=DriverManager.getConnection(url,uname,pass);

```

p\_signup ";

```
String Nme=textField_7.getText();
String pass1=passwordField_1.getText();
String q3="SELECT Username,Password from

Statement st3=con.createStatement();
ResultSet r1=st3.executeQuery(q3);
int count=0;
while(r1.next())
{
    String n1=r1.getString("Username");
    if(Nme.equals(n1))
    {
        count = 1;
        break;
    }
}
if(count==1)
{
r1=st3.executeQuery(q3);
while(r1.next())
{
    String n1=r1.getString("Username");
    String p1=r1.getString("Password");
    if(Nme.equals(n1))
    {
        if(pass1.equals(p1))
        {
            String s="WELCOME " +
textField_7.getText()+ " YOU HAVE SUCCESSFULLY LOGGED IN";
```

```

JOptionPane.showMessageDialog(null, s);

cardLayout.show(panel_1,"name_1495769055526000");

cardLayout1.show(panel,"name_1584176821594600");
        }
        else
        {
            String s="Incorrect Password
";

JOptionPane.showMessageDialog(null, s);

        }
    }
}
}
else
{
    String s="User Not Found!! Please Enter
your name correctly or sign-up";

JOptionPane.showMessageDialog(null, s);
}

}
catch(Exception e1)
{
    System.out.println(e1);
}

```

```

    }
    });

    btnNewButton_11.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            cardLayout1.show(panel,"name_1467039098417000");
            cardLayout.show(panel_1,"name_1465077063306400");
        }
    });

    btnNewButton_12.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            tabbedPane.setSelectedIndex(1);
        }
    });

    btnNewButton_13.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            tabbedPane.setSelectedIndex(2);
        }
    });

    btnNewButton_14.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            tabbedPane.setSelectedIndex(3);
        }
    });

    btnNewButton_16.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            tabbedPane.setSelectedIndex(2);
        }
    });

```

```

btnNewButton_15.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        tabbedPane.setSelectedIndex(1);
    }
});

btnNewButton_17.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        tabbedPane.setSelectedIndex(0);
    }
});

```

```

btnNewButton_7.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            String url="jdbc:mysql://localhost:3306/ajp";
            String uname="root";
            String pass="Aathish";
            Class.forName("com.mysql.cj.jdbc.Driver");

            Connection
con=DriverManager.getConnection(url,uname,pass);

            String
aname,ausername,apassword,aage,aemail,aphoneno;

            aname=textField_6.getText();
            ausername=textField_5.getText();
            apassword=passwordField_3.getText();
            aage=textField_3.getText();
            aemail=textField_2.getText();

```

```

        aphoneno=textField_1.getText();

        String q5="INSERT into a_signup
(Name,Username>Password,Age,Mail_ID,Phone)
values(""+aname+"",""+ausername+"",""+apassword+"",""+aage+"",""+aemail+"",""+aphoneno+"");";

        Statement st5=con.createStatement();

        st5.executeUpdate(q5);

        JOptionPane.showMessageDialog(null, "Signed Up
successfully!");

```

```

    }
    catch(Exception e1)
    {

        System.out.println(e1);

    }
}
});

```

```

btnNewButton_6.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) {

        if(textField.getText().isEmpty() &&
passwordField.getText().isEmpty())

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

        else if(textField.getText().isEmpty())

            JOptionPane.showMessageDialog(null, "Enter
Username!" );

        else if(passwordField.getText().isEmpty())

            JOptionPane.showMessageDialog(null, "Enter
Password!" );

        else {

```

```

try {

    String url="jdbc:mysql://localhost:3306/ajp";
    String uname="root";
    String pass="Aathish";
    Class.forName("com.mysql.cj.jdbc.Driver");

    Connection
con=DriverManager.getConnection(url,uname,pass);

    String Nme1=textField.getText();
    String pass2=passwordField.getText();
    String q3="SELECT Username,Password from
a_signup ";

    Statement st3=con.createStatement();
    ResultSet r1=st3.executeQuery(q3);
    int count=0;
    while(r1.next())
    {
        String n3=r1.getString("Username");
        if(Nme1.equals(n3))
        {
            count = 1;
            break;
        }
    }
    if(count==1)
    {
        r1=st3.executeQuery(q3);
        while(r1.next())
        {

```

```

String n3=r1.getString("Username");
String p3=r1.getString("Password");
if(Nme1.equals(n3))
{
    if(pass2.equals(p3))
    {
        String s="WELCOME " +
textField.getText()+ " YOU HAVE SUCCESSFULLY LOGGED IN";

        JOptionPane.showMessageDialog(null, s);

        cardLayout1.show(panel,
"name_1584176821594600");

        cardLayout.show(panel_1,"name_1586707225937900");

    }
    else
    {
        String s="Incorrect Password
";

        JOptionPane.showMessageDialog(null, s);

    }
}
}
}
else
{
    String s="User Not Found!! Please Enter
your name correctly or sign-up";

    JOptionPane.showMessageDialog(null, s);

```



```

        }

    }
    catch(Exception e1)
    {
        System.out.println(e1);
    }

}
}

});

```

```

btnNewButton_18.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e) {

        try {

            String

url="jdbc:mysql://localhost:3306/ajp";

            String uname="root";

            String pass="Aathish";

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

            Connection

con=DriverManager.getConnection(url,uname,pass);

            String q4="SELECT

Name,Username>Password,Age,Gender,Mail_ID,Phone,Address from p_signup ";

            Statement st3=con.createStatement();

            ResultSet r3=st3.executeQuery(q4);

```

```
while(r3.next())
{
    String x1=r3.getString("Name");
    String x2=r3.getString("Username");
    String x3=r3.getString("Password");
    String x4=r3.getString("Age");
    String x5=r3.getString("Gender");
    String x6=r3.getString("Mail_ID");
    String x7=r3.getString("Phone");
    String x8=r3.getString("Address");

    row1[0] = x1;

    row1[1] = x2;

    row1[2] = x3;
row1[3] = x4;

    row1[4] = x5;

    row1[5] = x6;

    row1[6] = x7;

    row1[7] = x8;
    model.addRow(row1);
}
}
```

```

        catch(Exception e1)
        {
            System.out.println(e1);
        }
    }

});

btnNewButton_19.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            String
url="jdbc:mysql://localhost:3306/ajp";

            String uname="root";
            String pass="Aathish";
            Class.forName("com.mysql.cj.jdbc.Driver");

            Connection
con=DriverManager.getConnection(url,uname,pass);

            String q6="SELECT
Name,Email,MobileNO,City,Specialty,Date,Slot,Amount from booking ";

            Statement st3=con.createStatement();
            ResultSet r3=st3.executeQuery(q6);

            while(r3.next())

```

```
x3=r3.getString("MobileNO");

{
    String x1=r3.getString("Name");
    String x2=r3.getString("Email");
    String

    String x4=r3.getString("City");
    String x5=r3.getString("Specialty");
    String x6=r3.getString("Date");
    String x7=r3.getString("Slot");
    String x8=r3.getString("Amount");

    row1[0] = x1;

    row1[1] = x2;

    row1[2] = x3;

    row1[3] = x4;

    row1[4] = x5;

    row1[5] = x6;

    row1[6] = x7;

    row1[7] = x8;
    model1.addRow(row1);
}
}
```

```
        catch(Exception e1)
        {
            System.out.println(e1);
        }
    }
});

btnNewButton_22.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        tabbedPane_1.setSelectedIndex(2);
    }
});

btnNewButton_21.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        tabbedPane_1.setSelectedIndex(0);
    }
});

btnNewButton_20.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        tabbedPane_1.setSelectedIndex(1);
    }
});

btnNewButton_23.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
```

```

row2[0] = textField_19.getText();

row2[1] = textField_4.getText();

row2 [2] = textField_12.getText();

row2[3] = textField_20.getText();
row2[4] = textField_21.getText();
model2.addRow(row2);
try {
String url="jdbc:mysql://localhost:3306/ajp";
String uname="root";
String pass="Aathish";
Class.forName("com.mysql.cj.jdbc.Driver");

Connection
con=DriverManager.getConnection(url,uname,pass);

String str1,str2,str3,str4,str5;
str1 = textField_19.getText();
str2 = textField_4.getText();
str3 = textField_12.getText();
str4 = textField_20.getText();
str5 = textField_21.getText();

String q5="INSERT into stocks
(ID,Medname,Medbrand,Stock,Price)
values('"+str1+"','"+str2+"','"+str3+"','"+str4+"','"+str5+"');";

Statement st5=con.createStatement();
st5.executeUpdate(q5);
}

```

```

        catch(Exception e1)
        {
            System.out.println(e1);
        }
    }
});

```

```

btnNewButton_26.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            String
url="jdbc:mysql://localhost:3306/ajp";

            String uname="root";
            String pass="Aathish";
            Class.forName("com.mysql.cj.jdbc.Driver");

            Connection
con=DriverManager.getConnection(url,uname,pass);

            String q6="SELECT
ID,Medname,Medbrand,Stock,Price from stocks; ";

            Statement st3=con.createStatement();
            ResultSet r3=st3.executeQuery(q6);

            while(r3.next())
            {
                String x1=r3.getString("ID");
                String x2=r3.getString("Medname");
                String x3=r3.getString("Medbrand");

```

```

        String x4=r3.getString("Stock");
        String x5=r3.getString("Price");
        row2[0] = x1;

        row2[1] = x2;

        row2[2] = x3;

        row2[3] = x4;

        row2[4] = x5;
        model2.addRow(row2);
    }
}

catch(Exception e1)
{
    System.out.println(e1);
}
}

});

```

```

btnNewButton_24.addActionListener(new ActionListener() {

    public void actionPerformed (ActionEvent e) {
        int i = table_2.getSelectedRow();
        String condition = textField_19.getText();
    }
});

```



```

        if(i>=0) {
            model2.removeRow(i);
            try {
                String url="jdbc:mysql://localhost:3306/ajp";
                String uname="root";
                String pass="Aathish";
                Class.forName("com.mysql.cj.jdbc.Driver");
                Connection
con=DriverManager.getConnection(url,uname,pass);
                String q7="Delete from stocks where ID =
"+"condition+"";

                Statement st7=con.createStatement();
                st7.executeUpdate(q7);
            }
            catch(Exception e1)
            {
                System.out.println(e1);
            }

        } else {

            JOptionPane.showMessageDialog(frame, "Select to Delete");

        }

    }

});

table_2.addMouseListener((MouseListener) new MouseAdapter() {
    @Override

```

```

public void mouseClicked(final MouseEvent e) {
    if (e.getClickCount() == 1) {
        int ur = table_2.getSelectedRow();

        int uc = table_2.getSelectedColumn();

        final String valueInCell = (String)table_2.getValueAt(ur, uc);

        if(uc == 1)
            textField_4.setText(valueInCell);
        if(uc == 2)
            textField_12.setText(valueInCell);
        if(uc == 3)
            textField_20.setText(valueInCell);
        if(uc == 4)
            textField_21.setText(valueInCell);

btnNewButton_25.addActionListener(new ActionListener() {
    String b,c,d,e1;

    public void actionPerformed (ActionEvent e) {

        if(uc == 1)
        {
            b = textField_4.getText();
            model2.setValueAt(b,ur,uc);
        }
    }
}

```

```

        if(uc == 2)
        {
            c = textField_12.getText();
            model2.setValueAt(c,ur,uc);
        }
        if(uc == 3)
        {
            d = textField_20.getText();
            model2.setValueAt(d,ur,uc);
        }
        if(uc == 4)
        {
            e1 = textField_21.getText();
            model2.setValueAt(e1,ur,uc);
        }

try {
    String url="jdbc:mysql://localhost:3306/ajp";
    String uname="root";
    String pass="Aathish";
    Class.forName("com.mysql.cj.jdbc.Driver");
    Connection
con=DriverManager.getConnection(url,uname,pass);
    if(uc==1) {
        String q8="UPDATE stocks SET Medname='"+b+"'"
WHERE ID='"+ur+"';";

        Statement st8=con.createStatement();
        st8.executeUpdate(q8);
    }

```

```

        if(uc==2) {
            String q8="UPDATE stocks SET
Medbrand='"+c+"' WHERE ID='"+ur+"';";

            Statement st8=con.createStatement();
            st8.executeUpdate(q8);
        }
        if(uc==3) {
            String q8="UPDATE stocks SET Stock='"+d+"'
WHERE ID='"+ur+"';";

            Statement st8=con.createStatement();
            st8.executeUpdate(q8);
        }
        if(uc==4) {
            String q8="UPDATE stocks SET Price='"+e1+"'
WHERE ID='"+ur+"';";

            Statement st8=con.createStatement();
            st8.executeUpdate(q8);
        }

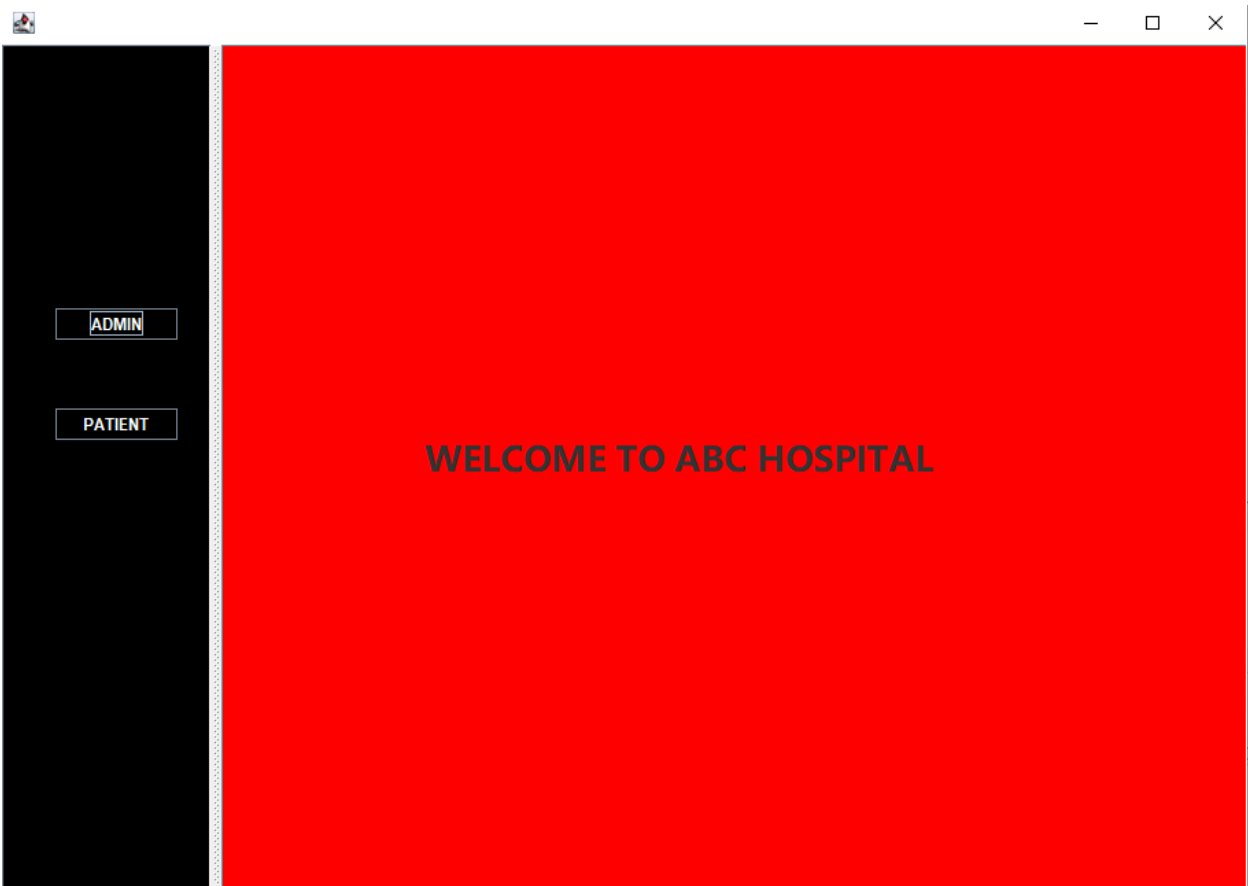
    }
    catch(Exception e2)
    {
        System.out.println(e2);
    }

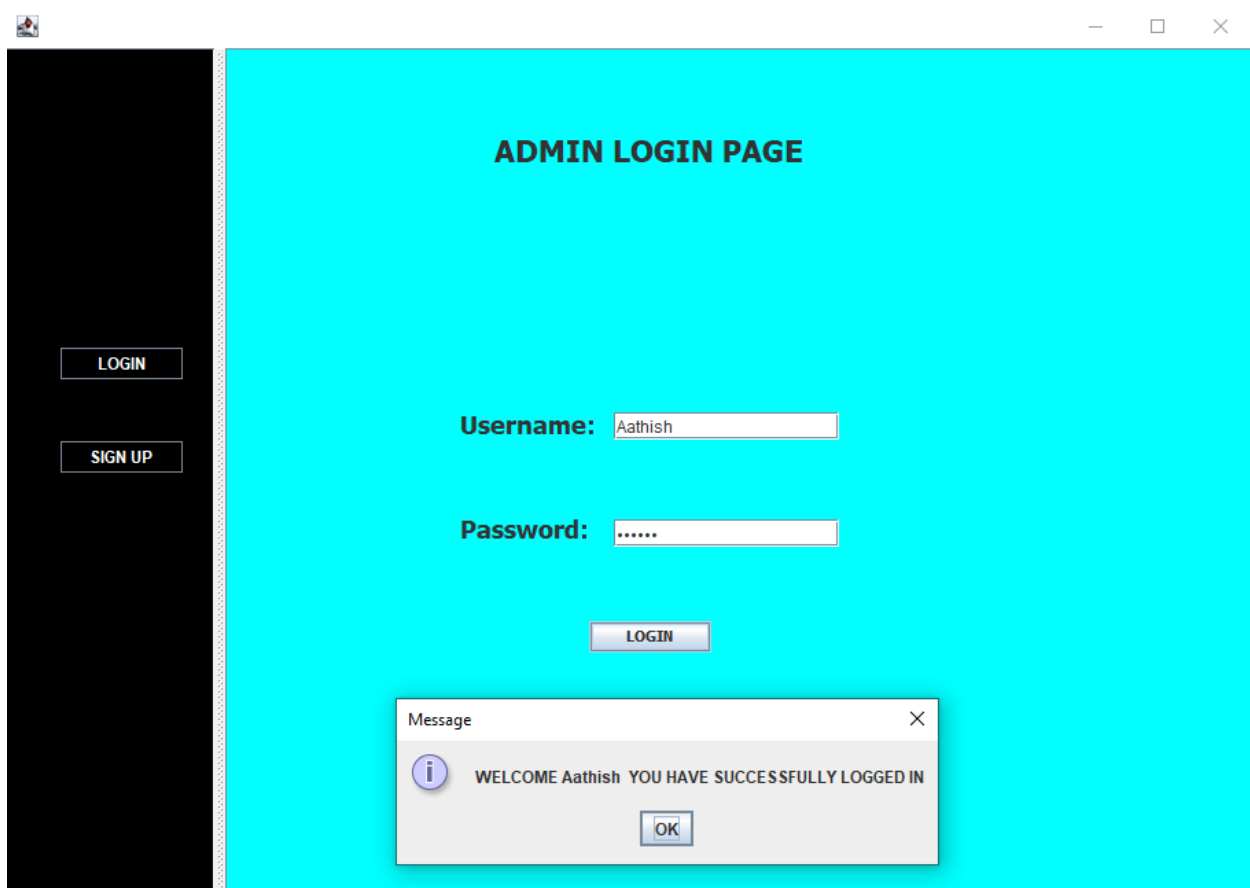
    });
}
});

```

```
    }  
}
```

**Output:**






Logout

Patient Login DetailsAppointment RecordsMedicine Stock

| Name            | Username | Password | Age | Gender | E-Mail        | Phone      | Address    |
|-----------------|----------|----------|-----|--------|---------------|------------|------------|
| Aathish Raja... | Aathish  | 12345    | 19  | MALE   | aathish@gm... | 9677993475 | Vellakovil |

RetrieveNext





—

□

×

Logout

Patient Login DetailsAppointment RecordsMedicine Stock

| Name    | E-Mail          | Mobile_NO  | City       | Speciality | Date       | Slot       | Amount |
|---------|-----------------|------------|------------|------------|------------|------------|--------|
| Aathish | aathish@gm...   | 9677993475 | ERODE      | GENERAL    | 31-08-2021 | 12:00-2:00 | 2500   |
| Arun    | arun@gmail.c... | 9988776655 | KARUR      | PHYSIO     | 01-09-2021 | 7:00-9:00  | 2500   |
| Selva   | selva@mail.c... | 9988776655 | PERUNDURAI | EYE CARE   | 15-09-2021 | 9:00-11:00 | 2500   |

Retrieve

Back

Next

LOGOUT

Patient Login DetailsAppointment RecordsMedicine Stock

| ID | Medicine Name | Medicine Brand | Stock | Price  |
|----|---------------|----------------|-------|--------|
| 0  | abcd          | ABC            | 1000  | 1200   |
| 1  | abcd          | ABCD           | 10001 | 1201   |
| 2  | XYZ           | MNC            | 1000  | 100001 |
| 3  | aah           | XYZ            | 10000 | 10     |

Medicine Name

Stock

Medicine Brand

Price

ID

ADD

DELETE

UPDATE

RETRIEVE



## PATIENT LOGIN PAGE

LOGIN

SIGN UP

Username:

Password:


LOGIN

Message



WELCOME Aathish YOU HAVE SUCCESSFULLY LOGGED IN

OK



—□×

AboutBookingSummaryMap

## MAKE AN APPOINTMENT

**Name:**

**E-Mail:**

**Phone NO:**


**City:**

**Speciality:**

**Date:**

**Slot:**

Message



Appointment Booked Successfully!

LOGOUT

LOGOUT

About

Booking

Summary

Map

APPOINTMENT BOOKED DETAILS

NAME:

Akshay

E-MAIL ID:

akshay.19cse@kongu.edu

PHONE-NO:

9988877123

CITY:

CHITODE

SPECIALTY:

PHYSIO

DATE:

23-09-2021

SLOT:

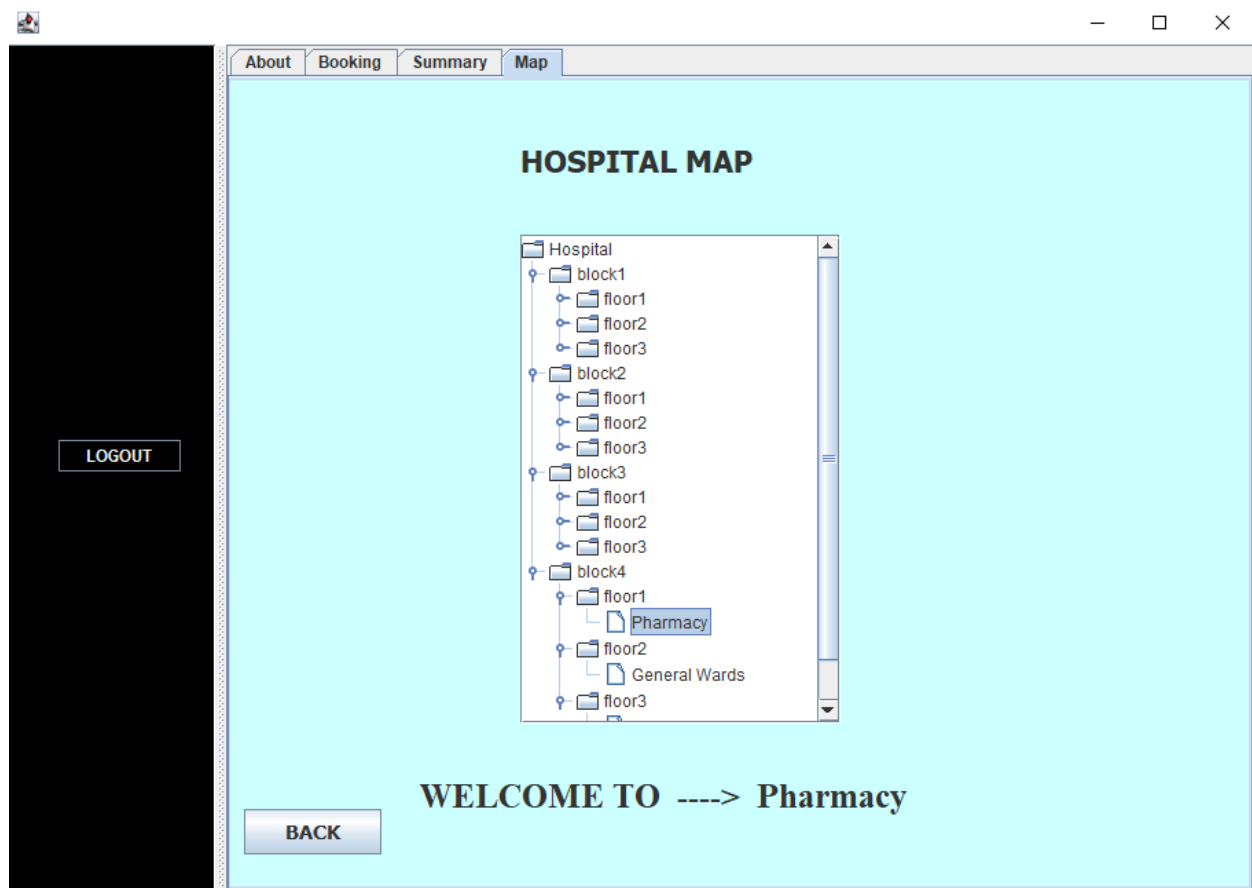
3:00-5:00

AMOUNT:

2500

BACK

NEXT



## Result:

Thus, database connection has been made successfully to existing java swing application.