SUPERMALL SALES

A PROJECT REPORT

Submitted by

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In this java project we make supermall sales management system from admin side and we provide stock add, modification and view all items in stock functionality. Then we can see the total sales of products and we can see the total profit or loss. And then we can sort all product by name, company name and its sale rate.

❖ ACTION LISTENER :

```java
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;
import java.util.*;

public class Listener implements ActionListener {
    MainFrame mf;
    Stocks st;
    StocksAdd sta;
    StocksModify sm;
    DisplayItem ds;
    Sales sl;
    ProfitLoss pl;
    String abc;

    Listener(MainFrame f) {
        this.mf = f;
    }

    Listener(Stocks f) {
        this.st = f;
    }

    Listener(Sales f) {
        this.sl = f;
    }

    Listener(StocksAdd f) {
        this.sta = f;
    }

    Listener(DisplayItem f) {
        this.ds = f;
    }

    Listener(StocksModify f) {
        this.sm = f;
```

```java
        }

    public void actionPerformed(ActionEvent e) {
        if (e.getActionCommand().equals("Stocks")) {
            Stocks st = new Stocks();
            st.setVisible(true);
        }
        if (e.getActionCommand().equals("Sales")) {
            Sales sl = new Sales();
            sl.setVisible(true);
        }
        if (e.getActionCommand().equals("Profit/Loss")) {
            ProfitLoss pl = new ProfitLoss();
            pl.setVisible(true);
        }
        if (e.getActionCommand().equals("EXIT")) {
            System.exit(0);
        }
        if (e.getActionCommand().equals("Add Items")) {
            StocksAdd sta = new StocksAdd();
            sta.setVisible(true);
        }
        if (e.getActionCommand().equals("Display Items")) {
            DisplayItem ds = new DisplayItem();
            ds.setVisible(true);
        }
        if (e.getActionCommand().equals("ADD")) {
            if (this.sta.t1.getText().isEmpty() ||
                    this.sta.t2.getText().isEmpty() ||
                    this.sta.t3.getText().isEmpty() ||
                    this.sta.t4.getText().isEmpty() ||
                    this.sta.t5.getText().isEmpty() ||
                    this.sta.t6.getText().isEmpty() ||
                    this.sta.t7.getText().isEmpty()) {
                JOptionPane.showMessageDialog(null, " PLEASE ENTER FULL DETAILS
");
            } else {
                try {
                    FileWriter fw = new FileWriter("Stocks.txt", true);
                    fw.write(this.sta.t1.getText() + "," + this.sta.t2.getText() + "," +
this.sta.t3.getText() + ","
                            + this.sta.t4.getText() + "," + this.sta.t5.getText() + "," +
this.sta.t6.getText() + ","
                            + this.sta.t7.getText() + "\n");
                    fw.close();
                    JOptionPane.showMessageDialog(null, " Item Added Successfully !!! ");
                } catch (Exception ex) {
                    System.out.println(ex);
                }
                this.sta.t1.setText("");
```

```java
            this.sta.t2.setText("");
            this.sta.t3.setText("");
            this.sta.t4.setText("");
            this.sta.t5.setText("");
            this.sta.t6.setText("");
            this.sta.t7.setText("");
        }
    }
    if (e.getActionCommand().equals("Modify Items")) {
        StocksModify sm = new StocksModify();
        sm.setVisible(true);
    }
    if (e.getActionCommand().equals("Save")) {
        StocksModify sm = new StocksModify();
        try {
            BufferedWriter bw = new BufferedWriter(new FileWriter("Stocks.txt"));
            bw.write(this.sm.ta.getText());
            bw.newLine();
            bw.close();
        } catch (Exception ef) {
            System.out.println(ef);
        }
        JOptionPane.showMessageDialog(null, " Updated Successfully !!! ");
    }
  }
}
}
```
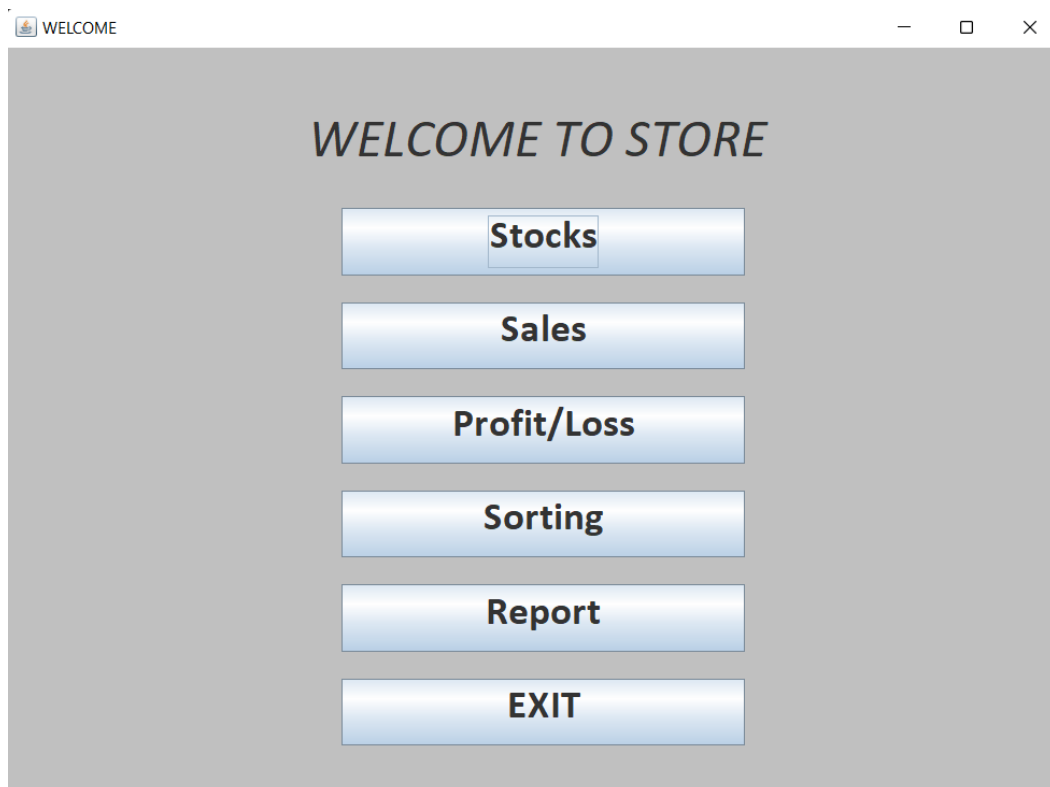
❖ **MAIN FRAME**

```java
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class MainFrame extends JFrame
{
    Listener lis = new Listener(this);
    JLabel l1;
    JButton b1,b2,b3,b4,b5,b6;
  MainFrame()
   {
    super("WELCOME");
    setLayout(null);
    setBounds(300, 50,800,600);
   getContentPane().setBackground(Color.LIGHT_GRAY);

   l1 = new JLabel("WELCOME TO STORE");
   b1 = new JButton("Stocks");
   b2 = new JButton("Sales");
   b3 = new JButton("Profit/Loss");
   b4 = new JButton("Sorting");
   b5 = new JButton("Report");
   b6 = new JButton("EXIT");

            Font f1 = new Font("Calibri",Font.ITALIC,40);
            Font f2 = new Font("Calibri",Font.BOLD,30);

            b1.setFont(f2);
            b2.setFont(f2);
            b3.setFont(f2);
            b4.setFont(f2);
            b5.setFont(f2);
            b6.setFont(f2);
            l1.setFont(f1);

            l1.setBounds(225,50,500,50);
            b1.setBounds(250,120,300,50);
            b2.setBounds(250,190,300,50);
            b3.setBounds(250,260,300,50);
            b4.setBounds(250,330,300,50);
            b5.setBounds(250,400,300,50);
            b6.setBounds(250,470,300,50);

            add(l1);
            add(b1);
            add(b2);
            add(b3);
            add(b4);
```

```
        add(b5);
        add(b6);

        b1.addActionListener(lis);
        b2.addActionListener(lis);
        b3.addActionListener(lis);
        b4.addActionListener(lis);
        b5.addActionListener(lis);
        b6.addActionListener(lis);

    addWindowListener(new WindowAdapter() {
      public void windowClosing(WindowEvent we) {
        System.exit(0);
      }
    });
  }
  public static void main(String s[]) {
    MainFrame mf = new MainFrame();
    mf.setVisible(true);
  }
}
```
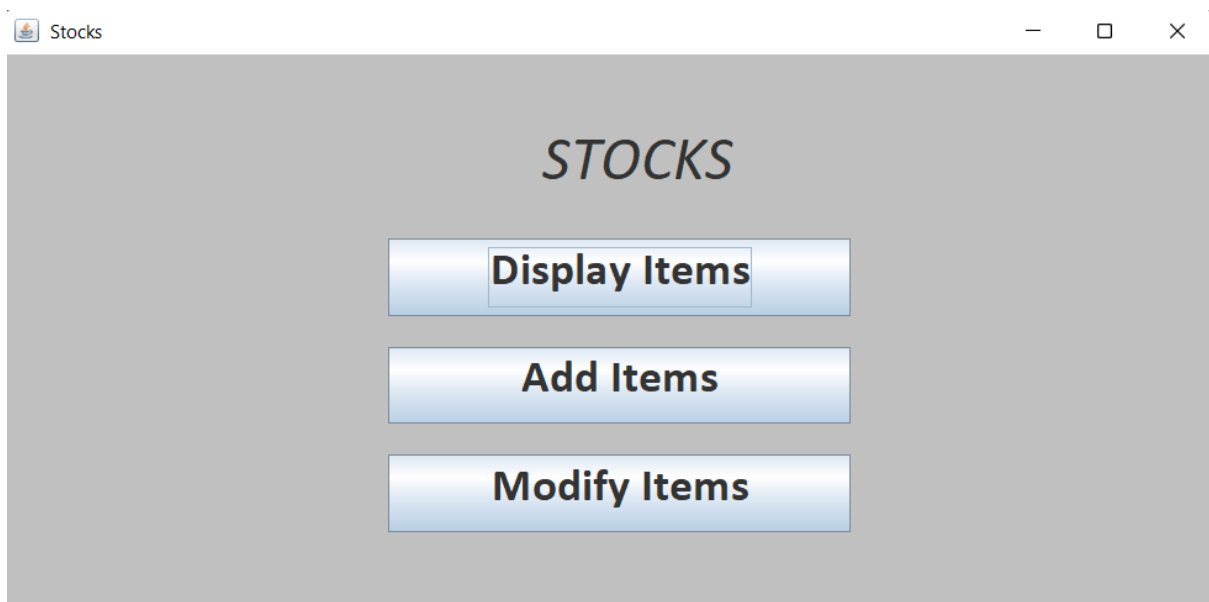
❖ **STOCKS**


```
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
```

```java
import java.lang.*;

public class Stocks extends JFrame
{
        Listener lis = new Listener(this);
        JLabel l1;
        JButton b1,b2,b3;
    Stocks()
        {
      super(" Stocks ");
      setLayout(null);
      setBounds(100,100,800,400);
                getContentPane().setBackground(Color.LIGHT_GRAY);

                l1 = new JLabel("STOCKS");
                b1 = new JButton("Display Items");
                b2 = new JButton("Add Items");
                b3 = new JButton("Modify Items");

                Font f1 = new Font("Calibri",Font.ITALIC,40);
                Font f2 = new Font("Calibri",Font.BOLD,30);

                b1.setFont(f2);
                b2.setFont(f2);
                b3.setFont(f2);
                l1.setFont(f1);
                l1.setBounds(350,50,500,50);
                b1.setBounds(250,120,300,50);
                b2.setBounds(250,190,300,50);
                b3.setBounds(250,260,300,50);

                add(l1);
                add(b1);
                add(b2);
                add(b3);
                b1.addActionListener(lis);
                b2.addActionListener(lis);
                b3.addActionListener(lis);

      addWindowListener(new WindowAdapter() {
        public void windowClosing(WindowEvent we) {
           dispose();
      }
      });
   }
   public static void main(String s[]) {
      Stocks st = new Stocks();
      st.setVisible(true);
   }
}
```
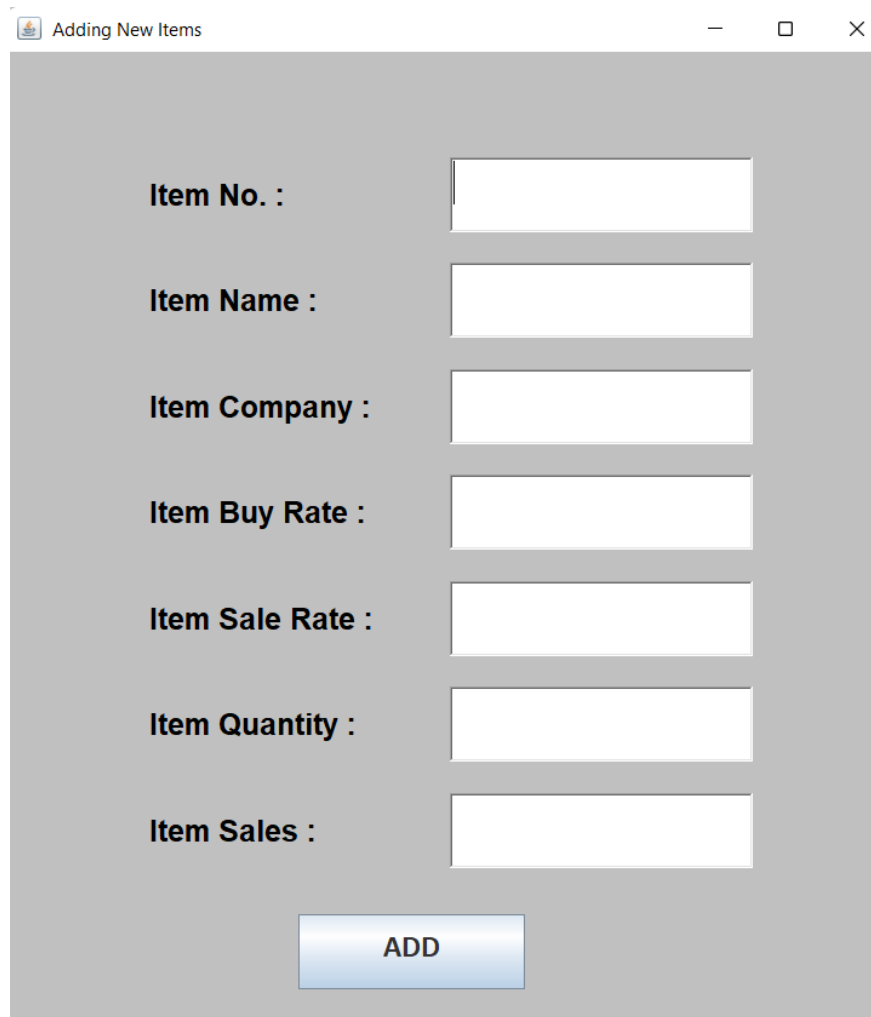
❖ ADD STOCK


```java
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class StocksAdd extends Frame
{
    Listener lis = new Listener(this);
    Label l1,l2,l3,l4,l5,l6,l7;
    TextField t1,t2,t3,t4,t5,t6,t7;
    JButton b1;
    StocksAdd()
    {
        super(" Adding New Items ");
        setLayout(null);
        setBounds(300,50,600,700);
        setBackground(Color.LIGHT_GRAY);
```

```java
l1 = new Label("Item No. : ");
t1 = new TextField();
l2 = new Label("Item Name : ");
t2 = new TextField();
l3 = new Label("Item Company : ");
t3 = new TextField();
l4 = new Label("Item Buy Rate : ");
t4 = new TextField();
l5 = new Label("Item Sale Rate : ");
t5 = new TextField();
l6 = new Label("Item Quantity : ");
t6 = new TextField();
l7 = new Label("Item Sales : ");
t7 = new TextField();
b1 = new JButton("ADD");

Font f1 = new Font("Calibri",Font.BOLD,25);
Font f2 = new Font("Calibri",Font.BOLD,20);

l1.setFont(f2);
t1.setFont(f1);
l2.setFont(f2);
t2.setFont(f1);
l3.setFont(f2);
t3.setFont(f1);
l4.setFont(f2);
t4.setFont(f1);
l5.setFont(f2);
t5.setFont(f1);
l6.setFont(f2);
t6.setFont(f1);
l7.setFont(f2);
t7.setFont(f1);
b1.setFont(f2);

l1.setBounds(100,100,200,50);
t1.setBounds(300,100,200,50);
l2.setBounds(100,170,200,50);
t2.setBounds(300,170,200,50);
l3.setBounds(100,240,200,50);
t3.setBounds(300,240,200,50);
l4.setBounds(100,310,200,50);
t4.setBounds(300,310,200,50);
l5.setBounds(100,380,200,50);
t5.setBounds(300,380,200,50);
l6.setBounds(100,450,200,50);
t6.setBounds(300,450,200,50);
l7.setBounds(100,520,200,50);
t7.setBounds(300,520,200,50);
```

```java
        b1.setBounds(200,600,150,50);

        add(l1);
        add(t1);
        add(l2);
        add(t2);
        add(l3);
        add(t3);
        add(l4);
        add(t4);
        add(l5);
        add(t5);
        add(l6);
        add(t6);
        add(l7);
        add(t7);
        add(b1);

        t1.addActionListener(lis);
        t2.addActionListener(lis);
        t3.addActionListener(lis);
        t4.addActionListener(lis);
        t5.addActionListener(lis);
        t6.addActionListener(lis);
        t7.addActionListener(lis);
        b1.addActionListener(lis);


    addWindowListener(new WindowAdapter()
   {
       public void windowClosing(WindowEvent we) {
          dispose();
       }
    });
  }

  public static void main(String s[])
   {
    StocksAdd mf = new StocksAdd();
    mf.setVisible(true);
   }
}
```

❖ MODIFY STOCKS

```java
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class StocksModify extends JFrame implements ActionListener
{
    Listener lis = new Listener(this);
    JMenuBar mb1;
    JMenu m1;
    JMenuItem mi1,mi2;
    JTextArea ta;
    StocksModify()
    {
            super(" Updating Items Items ");
            setLayout(new GridLayout(1,1));
            setBounds(300,50,900,700);
            setBackground(Color.LIGHT_GRAY);

            mb1 = new JMenuBar();
            m1 = new JMenu("UPDATE");
            mi1 = new JMenuItem("Save");
            mi2 = new JMenuItem("Exit");
            ta = new JTextArea();
            Font f1 = new Font("Calibri",Font.PLAIN,20);
            Font f2 = new Font("Arial",Font.BOLD,15);

            try{
            BufferedReader br = new BufferedReader(new FileReader("Stocks.txt"));
                    String line = br.readLine();
                    while(line !=null){
                            this.ta.append(line+"\n");
                            line = br.readLine();
                    }
                    br.close();
            }
            catch(Exception ef){
                    System.out.println(ef);
            }

            mb1.setBackground(Color.CYAN);
            m1.setFont(f2);
            mi1.setFont(f2);
            mi2.setFont(f2);
            ta.setFont(f1);

            mi1.addActionListener(lis);
```

```java
                mi2.addActionListener(this);
                m1.add(mi1);
                m1.add(mi2);
                mb1.add(m1);
                setJMenuBar(mb1);
                add(ta);
                ta.setLineWrap(true);
        addWindowListener(new WindowAdapter() {
            public void windowClosing(WindowEvent we) {
                dispose();
            }
        });
    }
    public void actionPerformed(ActionEvent e){
            if(e.getActionCommand().equals("Exit")){
                    dispose();
            }
    }
    public static void main(String s[]) {
        StocksModify mf = new StocksModify();
        mf.setVisible(true);
    }
}
```

❖ **DISPLAY ALL ITEMS**

```java
import java.awt.*;
import java.io.*;
import java.util.*;
import java.awt.event.*;
import javax.swing.*;
import java.lang.*;

public class DisplayItem extends JFrame {
    Listener lis = new Listener(this);
    JMenuBar mb;
    JMenu m1,m2,m3,m4,m5,m6,m7;
    Font f,f5;
    String no, name, company, BRate, SRate, quant, sales;
    ArrayList<DisplayItem> dataDetail;

    DisplayItem(String no, String name, String company, String BRate, String SRate,
String quant, String sales) {
            this.no = no;
            this.name = name;
```

```java
            this.company = company;
            this.BRate = BRate;
            this.SRate = SRate;
            this.quant = quant;
            this.sales = sales;

    }

    DisplayItem() {
            super("All Items");
            setLayout(null);
            setBounds(100, 100, 700, 400);
            setVisible(true);
            setBackground(Color.GRAY);
            int count = 0;
            try {
                    File f = new File("Stocks.txt");
                    Scanner sc = new Scanner(f);
                    while (sc.hasNextLine()) {
                            sc.nextLine();
                            count++;
                    }
            } catch (Exception e) {
                    System.out.println(e);
            }
            JLabel[] no = new JLabel[count];
            JLabel[] name = new JLabel[count];
            JLabel[] company = new JLabel[count];
            JLabel[] BRate = new JLabel[count];
            JLabel[] SRate = new JLabel[count];
            JLabel[] quant = new JLabel[count];
            JLabel[] sales = new JLabel[count];
            JMenuBar mb = new JMenuBar();
            JMenu m1 = new JMenu("      SR No.     |");
            JMenu m2 = new JMenu("Item Name |");
            JMenu m3 = new JMenu(" Company    |");
            JMenu m4 = new JMenu(" Buy Rate   |");
            JMenu m5 = new JMenu(" Sale Rate    |");
            JMenu m6 = new JMenu(" Quantity   |");
            JMenu m7 = new JMenu(" Saled");
            Font f5 = new Font("Calibri",Font.BOLD,16);
            mb.add(m1);
            mb.add(m2);
            mb.add(m3);
            mb.add(m4);
            mb.add(m5);
            mb.add(m6);
            mb.add(m7);
            m1.setFont(f5);
            m2.setFont(f5);
```

```java
            m2.setFont(f5);
            m3.setFont(f5);
            m4.setFont(f5);
            m5.setFont(f5);
            m6.setFont(f5);
            m7.setFont(f5);
            setJMenuBar(mb);
            mb.setBackground(Color.BLACK);
            m1.setForeground(Color.WHITE);
            m2.setForeground(Color.WHITE);
            m3.setForeground(Color.WHITE);
            m4.setForeground(Color.WHITE);
            m5.setForeground(Color.WHITE);
            m6.setForeground(Color.WHITE);
            m7.setForeground(Color.WHITE);

            try {
                    BufferedReader br = new BufferedReader(new
FileReader("Stocks.txt"));
                    dataDetail = new ArrayList<DisplayItem>();
                    setLayout(new GridLayout(count, 7));
                    for (int j = 0; j < count; j++) {
                            String st1 = br.readLine();
                            String arr[] = st1.split(",");
                            dataDetail.add(new DisplayItem(arr[0], arr[1], arr[2], arr[3],
arr[4], arr[5], arr[6]));

                            no[j] = new JLabel(arr[0], SwingConstants.CENTER);
                            name[j] = new JLabel(arr[1], SwingConstants.CENTER);
                            company[j] = new JLabel(arr[2], SwingConstants.CENTER);
                            BRate[j] = new JLabel(arr[3], SwingConstants.CENTER);
                            SRate[j] = new JLabel(arr[4], SwingConstants.CENTER);
                            quant[j] = new JLabel(arr[5], SwingConstants.CENTER);
                            sales[j] = new JLabel(arr[6], SwingConstants.CENTER);


    no[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));

    name[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));

    company[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));

    BRate[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));

    SRate[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));

    quant[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));

    sales[j].setBorder(BorderFactory.createLineBorder(Color.BLACK));
```

```java
                        add(no[j]);
                        add(name[j]);
                        add(company[j]);
                        add(BRate[j]);
                        add(SRate[j]);
                        add(quant[j]);
                        add(sales[j]);

                        Font f = new Font("Calibri", Font.PLAIN, 15);
                        no[j].setFont(f);
                        name[j].setFont(f);
                        company[j].setFont(f);
                        BRate[j].setFont(f);
                        SRate[j].setFont(f);
                        quant[j].setFont(f);
                        sales[j].setFont(f);
                }
                br.close();
        } catch (Exception e) {
                System.out.println(e);
        }
        addWindowListener(new WindowAdapter() {
                public void windowClosing(WindowEvent we) {
                        dispose();
                }
        });
    }

    public static void main(String s[]) throws IOException {
            DisplayItem ds = new DisplayItem();
    }
}
```

❖ TOTAL SALES

```java
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;
import java.util.*;

public class Sales extends JFrame {
    Listener lis = new Listener(this);
    JLabel l1;
    JLabel l2;
    ArrayList<Integer> tempArray;
```

```java
Sales() {
    super(" Total Sales ");
    setLayout(null);
    setBounds(100, 100, 700, 250);
    getContentPane().setBackground(Color.LIGHT_GRAY);

    l1 = new JLabel("TOTAL SALES (In Ruppee) : ");

    try {
        ArrayList<Integer> tempArray = new ArrayList<>();
        BufferedReader bufReader = new BufferedReader(new FileReader("Stocks.txt"));
        String line = bufReader.readLine();
        while (line != null) {
            String arr[] = line.split(",");
            int multi = Integer.parseInt(arr[4]) * Integer.parseInt(arr[6]);
            tempArray.add(multi);
            line = bufReader.readLine();
        }
        bufReader.close();
        int sum = 0;
        for (int loop = 0; loop < tempArray.size(); loop++) {
            sum = sum + (tempArray.get(loop));
        }
        String str = String.valueOf(sum);
        l2 = new JLabel(str + "/-");

        FileWriter fw = new FileWriter("profitloss.txt");
        fw.write(str);
        fw.close();

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

    l1.setBounds(50, 100, 400, 50);
    l2.setBounds(450, 100, 200, 50);

    l1.setFont(new Font("Calibri", Font.BOLD, 30));
    l2.setFont(new Font("Calibri", Font.PLAIN, 30));

    add(l1);
    add(l2);

    addWindowListener(new WindowAdapter() {
        public void windowClosing(WindowEvent we) {
            dispose();
        }
    });
}
```

```java
    public static void main(String s[]) {
        Sales sl = new Sales();
        sl.setVisible(true);
    }
}
```

```java
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;
import java.util.*;

public class ProfitLoss extends JFrame {
    JLabel l1, l2, prof;
    Sales sl = new Sales();

    ProfitLoss() {
        super(" Profit And Loss ");
        setLayout(null);
        setBounds(0, 0, 600, 300);
        getContentPane().setBackground(Color.LIGHT_GRAY);

        l1 = new JLabel("Profit / Loss : ");
        prof = new JLabel();
        prof.setOpaque(true);

        l2 = new JLabel(" GREEN -> Profit and RED -> Loss ");

        try {
            ArrayList<Integer> tempArray = new ArrayList<>();
            BufferedReader bufReader = new BufferedReader(new
FileReader("Stocks.txt"));
            String line = bufReader.readLine();
            while (line != null) {
                String arr[] = line.split(",");
                // (arr[0], arr[1], arr[2], arr[3], arr[4], arr[5], arr[6]);

                int multi = Integer.parseInt(arr[3]) * Integer.parseInt(arr[6]);
                tempArray.add(multi);
                line = bufReader.readLine();
            }

            bufReader.close();
            int sum = 0;
            for (int loop = 0; loop < tempArray.size(); loop++) {
                sum = sum + (tempArray.get(loop));
```

```java
                }
                char sale[] = new char[10];
                FileReader fr = new FileReader("profitloss.txt");
                fr.read(sale);
                fr.close();
                String sum1 = new String(sale);
                int sales = Integer.parseInt(sum1.trim());
                int p = sales - sum;
                String profit = String.valueOf(p);
                this.prof.setText(profit);
                if (p > 0) {
                        this.prof.setBackground(Color.GREEN);
                } else {
                        prof.setBackground(Color.RED);
                }

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

        Font f1 = new Font("Calibri", Font.BOLD, 20);
        Font f2 = new Font("Calibri", Font.BOLD, 30);
        Font f3 = new Font("Calibri", Font.PLAIN, 35);

        l1.setFont(f2);
        prof.setFont(f3);
        l2.setFont(f1);

        add(l1);
        add(prof);
        add(l2);

        l1.setBounds(100, 100, 200, 50);
        prof.setBounds(300, 100, 200, 50);

        l2.setBounds(150, 200, 500, 50);

        addWindowListener(new WindowAdapter() {
                public void windowClosing(WindowEvent we) {
                        dispose();
                }
        });
    }

    public static void main(String args[]) {
            ProfitLoss fa = new ProfitLoss();
            fa.setVisible(true);
    }
}
```

❖ LOGING PAGE

```java
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class LoginFrame extends JFrame implements ActionListener {

    MainFrame mf = new MainFrame();
    Container container = getContentPane();
    JLabel userLabel = new JLabel("USERNAME");
    JLabel passwordLabel = new JLabel("PASSWORD");
    JTextField userTextField = new JTextField();
    JPasswordField passwordField = new JPasswordField();
    JButton loginButton = new JButton("LOGIN");
    JButton resetButton = new JButton("RESET");
    JCheckBox showPassword = new JCheckBox("Show Password");
        ImageIcon backImage;
        JPanel background;
        JLabel imglabel;


    LoginFrame() {
        setLayoutManager();
        setLocationAndSize();
        addComponentsToContainer();
        addActionEvent();

    }

    public void setLayoutManager() {
        container.setLayout(null);
    }

    public void setLocationAndSize() {
        userLabel.setBounds(50, 50, 100, 30);
        passwordLabel.setBounds(50, 120, 100, 30);
        userTextField.setBounds(150, 50, 150, 30);
        passwordField.setBounds(150, 120, 150, 30);
        showPassword.setBounds(150, 150, 150, 30);
        loginButton.setBounds(50, 200, 100, 30);
        resetButton.setBounds(200, 200, 100, 30);

                backImage = new
ImageIcon(getClass().getClassLoader().getResource("img\\Login.jpg"));
                background = new JPanel();
                background.setBounds(0,0,400,300);
```

```java
            imglabel = new JLabel();
            imglabel.setIcon(backImage);
            background.add(imglabel);



    }

    public void addComponentsToContainer() {
        container.add(userLabel);
        container.add(passwordLabel);
        container.add(userTextField);
        container.add(passwordField);
        container.add(showPassword);
        container.add(loginButton);
        container.add(resetButton);
                container.add(background);
    }

    public void addActionEvent() {
        loginButton.addActionListener(this);
        resetButton.addActionListener(this);
        showPassword.addActionListener(this);
    }


    public void actionPerformed(ActionEvent e) {
        //Coding Part of LOGIN button
        if (e.getSource() == loginButton) {
            String userText;
            String pwdText;
            userText = userTextField.getText();
            pwdText = passwordField.getText();
            if ((userText.equalsIgnoreCase("devan") &&
pwdText.equalsIgnoreCase("12345"))||(userText.equalsIgnoreCase("nikhil") &&
pwdText.equalsIgnoreCase("12345"))) {
                MainFrame mf = new MainFrame();
                mf.setVisible(true);
                this.setVisible(false);
            } else {
                JOptionPane.showMessageDialog(this, "Invalid Username or Password");
            }

        }
        if (e.getSource() == resetButton) {
            userTextField.setText("");
            passwordField.setText("");
        }
        if (e.getSource() == showPassword) {
            if (showPassword.isSelected()) {
```

```java
            passwordField.setEchoChar((char) 0);
        } else {
            passwordField.setEchoChar('*');
        }


    }
}
public static void main(String[] a) {
    LoginFrame frame = new LoginFrame();
    frame.setTitle("Login Form");
    frame.setVisible(true);
    frame.setBounds(200,200,400,300);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.setResizable(false);

}
}
```