import java.awt.Button;

import java.awt.Frame;

import java.awt.Label;

import java.awt.TextField;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

public class BillGeneratorApp {

public static void main(String[] args) {

// Create a frame (window)

Frame frame = new Frame("Bill Generator App");

// Create labels

Label nameLabel = new Label("Item Name:");

Label quantityLabel = new Label("Quantity:");

Label priceLabel = new Label("Price:");

// Create text fields

TextField nameField = new TextField();

TextField quantityField = new TextField();

TextField priceField = new TextField();

// Create a button

Button generateButton = new Button("Generate Bill");

// Create a label to display the bill

Label billLabel = new Label();

// Add an ActionListener to the button

generateButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

// Get values from text fields

String itemName = nameField.getText();

int quantity = Integer.parseInt(quantityField.getText());

double price = Double.parseDouble(priceField.getText());

// Calculate total

double total = quantity \* price;

// Display bill

billLabel.setText("Bill:\n" +

"Item: " + itemName + "\n" +

"Quantity: " + quantity + "\n" +

"Price: $" + price + "\n" +

"Total: $" + total);

}

});

// Set frame properties

frame.setSize(400, 300); // Width and height of the frame

frame.setLayout(null); // No layout manager for simplicity

frame.setVisible(true); // Make the frame visible

// Add components to the frame

frame.add(nameLabel);

frame.add(nameField);

frame.add(quantityLabel);

frame.add(quantityField);

frame.add(priceLabel);

frame.add(priceField);

frame.add(generateButton);

frame.add(billLabel);

// Set component bounds

int x = 50, y = 50, width = 100, height = 20, gap = 30;

nameLabel.setBounds(x, y, width, height);

nameField.setBounds(x + 120, y, width, height);

quantityLabel.setBounds(x, y + gap, width, height);

quantityField.setBounds(x + 120, y + gap, width, height);

priceLabel.setBounds(x, y + 2 \* gap, width, height);

priceField.setBounds(x + 120, y + 2 \* gap, width, height);

generateButton.setBounds(x, y + 3 \* gap, 200, 30);

billLabel.setBounds(x, y + 4 \* gap, 300, 100);

// Handle window close event

frame.addWindowListener(new java.awt.event.WindowAdapter() {

public void windowClosing(java.awt.event.WindowEvent windowEvent) {

System.exit(0);

}

     });

    }

}

Output-

