package javagui;

import java.awt.\*;

import java.awt.event.\*;

public class CurrencyConverter extends Frame implements ActionListener {

private Label label1;

private TextField inputField;

private Button toDollarsButton, toRupeesButton, clearButton;

public CurrencyConverter() {

setTitle("Currency Converter");

setSize(350, 150);

setLayout(new GridLayout(3, 2, 10, 10)); // Adding spacing between components

label1 = new Label("Enter amount in Rupees:");

add(label1);

inputField = new TextField();

add(inputField);

toDollarsButton = new Button("To Dollars");

toDollarsButton.addActionListener(this);

add(toDollarsButton);

toRupeesButton = new Button("To Rupees");

toRupeesButton.addActionListener(this);

add(toRupeesButton);

clearButton = new Button("Clear");

clearButton.addActionListener(this);

add(clearButton);

addWindowListener(new WindowAdapter() {

public void windowClosing(WindowEvent e) {

System.exit(0);

}

});

}

public void actionPerformed(ActionEvent e) {

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

try {

double rupees = Double.parseDouble(inputField.getText());

double dollars = rupees / 73.5; // Assuming 1 USD = 73.5 INR

inputField.setText(String.format("%.2f Dollars", dollars));

} catch (NumberFormatException ex) {

inputField.setText("Invalid input");

}

} else if (e.getSource() == toRupeesButton) {

try {

double dollars = Double.parseDouble(inputField.getText());

double rupees = dollars \* 73.5; // Assuming 1 USD = 73.5

INR

inputField.setText(String.format("%.2f Rupees", rupees));

} catch (NumberFormatException ex) {

inputField.setText("Invalid input");

}

} else if (e.getSource() == clearButton) {

inputField.setText("");

}

}

public static void main(String[] args) {

CurrencyConverter frame = new CurrencyConverter();

frame.setVisible(true);

}

}