Source code for java project on currency converter

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.text.DecimalFormat;

public class Currency\_Converter extends JFrame {

    private JLabel amountLabel, fromLabel, toLabel, resultLabel;

    private JTextField amountField;

    private JComboBox<String> fromComboBox, toComboBox;

    private JButton convertButton;

    private DecimalFormat decimalFormat = new DecimalFormat("#,##0.00");

    private final String[] currencies = {"USD", "EUR", "JPY", "GBP", "CAD", "AUD", "CHF", "CNY","INR"};

    private double[] exchangeRates = {1.00, 0.84, 109.65, 0.72, 1.27, 1.30, 0.92, 6.47,87.14};

    public Currency\_Converter() {

        setTitle("Currency Converter");

        setLayout(new GridLayout(4, 2));

        amountLabel = new JLabel("Amount:");

        add(amountLabel);

        amountField = new JTextField();

        add(amountField);

        fromLabel = new JLabel("From:");

        add(fromLabel);

        fromComboBox = new JComboBox<>(currencies);

        add(fromComboBox);

        toLabel = new JLabel("To:");

        add(toLabel);

        toComboBox = new JComboBox<>(currencies);

        add(toComboBox);

        convertButton = new JButton("Convert");

        add(convertButton);

        resultLabel = new JLabel();

        add(resultLabel);

        convertButton.addActionListener(new ActionListener() {

            @Override

            public void actionPerformed(ActionEvent e) {

                try {

                    double amount = Double.parseDouble(amountField.getText());

                    String fromCurrency = (String) fromComboBox.getSelectedItem();

                    String toCurrency = (String) toComboBox.getSelectedItem();

                    double exchangeRate = exchangeRates[getIndex(toCurrency)] / exchangeRates[getIndex(fromCurrency)];

                    double result = amount \* exchangeRate;

                    resultLabel.setText(decimalFormat.format(result) + " " + toCurrency);

                } catch (Exception ex) {

                    resultLabel.setText("Invalid input");

                }

            }

        });

        setSize(300, 200);

        setVisible(true);

        setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

    }

    private int getIndex(String currency) {

        for (int i = 0; i < currencies.length; i++) {

            if (currency.equals(currencies[i])) {

                return i;

            }

        }

        return -1;

    }

    public static void main(String[] args) {

        new Currency\_Converter();

    }

}