CURRENCY CONVERTER

import java.util.Scanner;

public class CurrencyConverter {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

String[] currencies = {"USD", "EUR", "GBP", "JPY"};

String[] currencySymbols = {"$", "€", "£", "¥"};

System.out.println("Select base currency:");

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

System.out.println((i + 1) + ". " + currencies[i]);

}

int baseCurrencyIndex = scanner.nextInt() - 1;

String baseCurrency = currencies[baseCurrencyIndex];

System.out.println("Select target currency:");

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

System.out.println((i + 1) + ". " + currencies[i]);

}

int targetCurrencyIndex = scanner.nextInt() - 1;

String targetCurrency = currencies[targetCurrencyIndex];

System.out.print("Enter amount: ");

double amount = scanner.nextDouble();

double exchangeRate = fetchExchangeRate(baseCurrency, targetCurrency);

double convertedAmount = amount \* exchangeRate;

System.out.println(amount + " " + baseCurrency + " = " + convertedAmount + " " + currencySymbols[targetCurrencyIndex]);

}

private static double fetchExchangeRate(String baseCurrency, String targetCurrency) {

return 1.23; // Replace with actual exchange rate

}

}

