

import java.util.Scanner;

```
public class CurrencyConverter {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter base currency: ");
        String baseCurrency = scanner.nextLine();

        System.out.print("Enter target currency: ");
        String targetCurrency = scanner.nextLine();

        double exchangeRate = getExchangeRate(baseCurrency, targetCurrency);

        System.out.print("Enter amount to convert: ");
        double amountToConvert = scanner.nextDouble();

        double convertedAmount = convertCurrency(amountToConvert,
exchangeRate);

        System.out.println(amountToConvert + " " + baseCurrency + " is equal to "
+
        convertedAmount + " " + targetCurrency);
    }

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

        if (baseCurrency.equalsIgnoreCase("USD") &&
targetCurrency.equalsIgnoreCase("EUR")) {
            return 0.85; // 1 USD = 0.85 EUR
        } else {

            return 1.0;
        }
    }

    private static double convertCurrency(double amount, double exchangeRate)
{
        return amount * exchangeRate;
    }
}
```

