About Project:

Project no: 08

Your task is to build a currency converter that will allow you to convert currencies from one unit to another, such as converting Indian rupee into pounds, euros, US dollar, Canadian dollar, Chinese yuan, Russia’s Rubal, etc. or vice versa.

In this project build a TUI (Text based user interface), where you will enter the source currency to be converted and conversion rate. And after conversion display the amount in the target currency.

**(Student is free to decide the input and output layout for this mini project)**

Project Code:

print("WELCOME TO CURRENCY CONVERTER WHERE YOU CAN CONVERT YOU DESIRED CURRENCY INTO OTHER CURRENCYS'S\n")

print("Enter the following currency from the below list as shown\n"

"1.indianrupee\n"

"2.usdollars\n"

"3.euros\n"

"4.canadiandollars\n"

"5.pounds\n"

"6.chineseyuan\n"

"7.russiaruble\n")

print("NOTE:- enter the currency in words as shown above not the numbers\n")

a=str(input("Enter the currency you want to convert: "))

b=float(input("Enter the amount you want to convert: "))

#converison rate for indian rupee

pounds=97.40

euros=84.42

usdollars=81.81

canadiandollars=61.10

chineseyuan=11.43

russiaruble=1.35

if(a=="indianrupee"):

print("Pounds=","{:.2f}".format(b\*pounds),"£")

print("Euros=","{:.2f}".format(b\*euros),"€")

print("US Dollars=","{:.2f}".format(b\*usdollars),"$")

print("Caadian Dollars=","{:.2f}".format(b\*canadiandollars),"$")

print("Chinese Yuan=","{:.2f}".format(b\*chineseyuan),"¥")

print("Russian Ruble=","{:.2f}".format(b\*russiaruble),"₽")

#conversion rate for us dollars

indianrupee1=81.81

euros1=0.97

pounds1=0.85

canadiandollars1=1.337505

chineseyuan1=7.16542

russiaruble1=60.54

if(a=="usdollars"):

print("Indian Rupee=","{:.2f}".format(b\*indianrupee1),"₹")

print("Euros=","{:.2f}".format(b\*euros1),"€")

print("Pounds=","{:.2f}".format(b\*pounds1),"£")

print("Canadian Dollars=","{:.2f}".format(b\*canadiandollars1),"$")

print("Chinese yuan=","{:.2f}".format(b\*chineseyuan1),"¥")

print("Russian Ruble=","{:.2f}".format(b\*russiaruble1),"₽")

#converison rate for euros

indianrupee2=84.37

usdollars2=1.03

canadiandollars2=1.38

chineseyuan2=7.38

russiaruble2=62.82

pounds2=0.87

if(a=="euros"):

print("Indian Rupee=","{:.2f}".format(b\*indianrupee2),"₹")

print("Pounds=","{:.2f}".format(b\*pounds2),"£")

print("US Dollars=","{:.2f}".format(b\*usdollars2),"$")

print("Canadian Dollars=","{:.2f}".format(b\*canadiandollars2),"$")

print("Chinese yuan=","{:.2f}".format(b\*chineseyuan2),"¥")

print("Russian Ruble=","{:.2f}".format(b\*russiaruble2),"₽")

#conersion rate for pounds

indianrupee3=97.47

usdollars3=1.19

canadiandollars3=1.60

chineseyuan3=8.52

russiaruble3=72.10

euros3=1.16

if(a=="pounds"):

print("Indian Rupee=","{:.2f}".format(b\*indianrupee3),"₹")

print("Euros=","{:.2f}".format(b\*euros3),"€")

print("US Dollars=","{:.2f}".format(b\*usdollars3),"$")

print("Canadian Dollars=","{:.2f}".format(b\*canadiandollars3),"$")

print("Chinese yuan=","{:.2f}".format(b\*chineseyuan3),"¥")

print("Russian Ruble=","{:.2f}".format(b\*russiaruble3),"₽")

#conersion rate for canadian dollars

indianrupee4=61.08

usdollars4=0.75

pounds4=0.63

chineseyuan4=5.34

russiaruble4=45.18

euros4=0.72

if(a=="canadiandollars"):

print("Indian Rupee=","{:.2f}".format(b\*indianrupee4),"₹")

print("Euros=","{:.2f}".format(b\*euros4),"€")

print("US Dollars=","{:.2f}".format(b\*usdollars4),"$")

print("Pounds=","{:.2f}".format(b\*pounds4),"£")

print("Chinese yuan=","{:.2f}".format(b\*chineseyuan4),"¥")

print("Russian Ruble=","{:.2f}".format(b\*russiaruble4),"₽")

#conersion rate for chineseyuan

indianrupee5=11.44

usdollars5=0.14

pounds5=0.12

canadiandollars5=0.19

russiaruble5=8.485081

euros5=0.187111

if(a=="chineseyuan"):

print("Indian Rupee=","{:.2f}".format(b\*indianrupee5),"₹")

print("Euros=","{:.2f}".format(b\*euros5),"€")

print("US Dollars=","{:.2f}".format(b\*usdollars5),"$")

print("Pounds=","{:.2f}".format(b\*pounds5),"£")

print("Canadian Dollars=","{:.2f}".format(b\*canadiandollars5),"$")

print("Russian Ruble=","{:.2f}".format(b\*russiaruble5),"₽")

#conversion rate for ruusain ruble

indianrupee6=1.35

usdollars6=0.017

pounds6=0.014

canadiandollars6=0.022

chineseyuan6=0.12

euros6=0.016

if(a=="russiaruble"):

print("Indian Rupee=","{:.2f}".format(b\*indianrupee6),"₹")

print("Euros=","{:.2f}".format(b\*euros6),"€")

print("US Dollars=","{:.2f}".format(b\*usdollars6),"$")

print("Pounds=","{:.2f}".format(b\*pounds6),"£")

print("Canadian Dollars=","{:.2f}".format(b\*canadiandollars6),"$")

print("Chinese Yuan=","{:.2f}".format(b\*chineseyuan6),"¥")

Project Output:

Enter the following currency from the below list as shown

1.indianrupee

2.usdollars

3.euros

4.canadiandollars

5.pounds6.chineseyuan

7.russiaruble

NOTE:- enter the currency in words as shown above not the numbers

Enter the currency you want to convert: indianrupee

Enter the amount you want to convert: 1000

Pounds= 97400.00 £

Euros= 84420.00 €

US Dollars= 81810.00 $

Canadian Dollars= 61100.00 $

Chinese Yuan= 11430.00 ¥

Russian Ruble= 1350.00 ₽

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