→ Python Project title:

CURRENCY CONVERTER

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Submitted by,

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02/02/2024
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Currency Converter Link: Currency Converter link = https://colab.research.google.com/drive/16C30jtr2Yc0pC4miPYAVzZ3gidtlkUrp?usp=sharing

This project is a personal currency conversion assistant, built in Python! It lets you easily switch between rupees and various foreign currencies, based on average exchange rates over the past year(2023)

Imagine needing to know how much your euros are worth in rupees, or vice versa.

Here's how it works:

- · We've built a special dictionary containing average exchange rates for different currencies against the Indian rupee.
- · Each currency code is the key (like USD or EUR), and the value tells you how much one unit of that currency is worth in rupees.
- · Simply tell the program, It Easily convert both INR to other currencies and other currencies to INR

Calculating Average Annual values and updating the Dictionary

```
in_INR=dict()
 # USD(US doller)
 x = (71.292754 + 71.591709 + 74.530504 + 76.363162 + 75.738408 + 75.813622 + 74.662162 + 73.565027 + 73.565448 + 74.265062 + 73.739563)/12
# print(x)
in_INR['USD']=x
 # EUR(euro)
y = (88.142064 + 88.464157 + 88.050487 + 89.964055 + 89.554082 + 89.077750 + 90.842440 + 90.406121 + 88.708572 + 87.943062 + 90.004112 + 90.877101)/12
# print(v)
in_INR['EUR']=y
                    AUD(australian doller)
AUD = (56.801195 + 56.958068 + 54.937272 + 54.818925 + 54.670051 + 55.175793 + 55.285156 + 53.729109 + 53.326482 + 52.851395 + 54.043809 + 55.738882)/128121 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 56.285126 + 5
# print(AUD)
 in_INR['AUD']=AUD
                         GBP(british pound)
\mathsf{GBP} = (100.041481 + 99.712505 + 99.755536 + 101.929933 + 102.687887 + 103.798255 + 105.787280 + 105.246903 + 102.949490 + 101.310626 + 103.335064 + 105.418861) / 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041481 + 100.041
 # print(GBP)
 in_INR['GBP']=GBP
                         CAD(canadian doler)
{\tt CAD=(60.898044+61.449631+60.064364+60.754210+60.882935+61.813283+62.125644+61.481675+61.275746+60.747257+60.705448+62.046307)/12}
  # print(CAD)
 in INR['CAD']=CAD
                            SGD(singapore doller)
SGD = (61.679661 + 62.008599 + 61.307957 + 61.527907 + 61.426960 + 61.057107 + 61.527335 + 61.342233 + 60.905875 + 60.799677 + 61.709571 + 62.501865)/12012 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62.501865 + 62
 # print(SGD)
in_INR['SGD']=SGD
                   __AED(emirates dirhum)
 AED = (22.261805 + 22.489148 + 22.396434 + 22.315542 + 22.405886 + 22.381489 + 22.379217 + 22.555030 + 22.603583 + 22.663649 + 22.673382 + 22.667280)/12.489148 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.396434 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.39644 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 + 22.3964 +
  # print(AED)
in_INR['AED']=AED
                        _ARS(argentina peso)
ARS=(0.449927+0.431310+0.406665+0.381243+0.357208+0.332186+0.309878+0.259562+0.237255+0.237865+0.236016+0.134561)/12
  # print(ARS)
in_INR['ARS']=ARS
                   ___BGN(gulgarian dinar)
\mathsf{BGN} = (45.066322 + 45.231005 + 45.019499 + 45.997891 + 45.788275 + 45.544731 + 46.447002 + 46.223916 + 45.355973 + 44.964573 + 46.018372 + 46.464724)/12
 # print(BGN)
 in_INR['BGN']=BGN
                         _BHD(Bahraini dinar)
```

```
BHD = (217.437446 + 219.657973 + 218.752399 + 217.962308 + 218.844722 + 218.606435 + 218.584236 + 220.301460 + 220.775683 + 221.362370 + 221.457438 + 221.397833)
# print(BHD)
in INR['BHD']=BHD
 #____BRL(brazilian real)
\mathsf{BRL} = (15.735074 + 15.962007 + 15.765951 + 16.332415 + 16.543186 + 16.909165 + 17.121035 + 16.905117 + 16.789924 + 16.441639 + 16.979236 + 16.999323)/12
# print(BRL)
in_INR['BRL']=BRL
                       _CHF(swiss franc)
\mathsf{CHF} = (88.457679 + 89.215338 + 88.785791 + 91.098967 + 91.683333 + 91.262954 + 93.906924 + 94.316543 + 92.446166 + 92.097762 + 93.323893 + 96.236575)/128967 + 93.236375 + 93.2369762 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976 + 93.236976
# print(CHF)
in_INR['CHF']=CHF
#___CNY(Chinease yuan renminbi)
\texttt{CNY=(12.028875+12.082450+11.930002+11.906241+11.788305+11.497172+11.427445+11.452466+11.402709+11.440045+11.537872+11.682046)/12}
# print(CNY)
 in_INR['CNY']=CNY
                        _HKD(hongkong doller)
\mathsf{HKD} = (10.455789 + 10.525120 + 10.478377 + 10.438167 + 10.497589 + 10.494134 + 10.511150 + 10.585299 + 10.600627 + 10.635743 + 10.666037 + 10.659044)/12
# print(HKD)
in_INR['HKD']=HKD
              ___ILS(israeli shekel)
\mathtt{ILS} = (23.726526 + 23.360291 + 22.709680 + 22.556217 + 22.443170 + 22.575236 + 22.407931 + 22.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.749399 + 20.952895 + 21.840618 + 22.692474)/12.143208 + 21.840618 + 22.692474)/12.143208 + 21.840618 + 22.692474)/12.143208 + 21.840618 + 22.692474)/12.143208 + 21.840618 + 22.692474)/12.143208 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.692474 + 22.69247
# print(ILS)
in_INR['ILS']=ILS
                ___JPY(japanese yen)
\mathsf{JPY} = (0.627919 + 0.621103 + 0.615257 + 0.614254 + 0.599954 + 0.582310 + 0.581897 + 0.572462 + 0.562114 + 0.556750 + 0.555437 + 0.578510)/12
# print(JPY)
in_INR['JPY']=JPY
                    __LKR(srilankan rupee)
\mathsf{LKR} = (0.223569 + 0.226209 + 0.247145 + 0.254014 + 0.265296 + 0.272037 + 0.257213 + 0.257462 + 0.256952 + 0.256074 + 0.253741 + 0.254849)/12
# print(LKR)
in_INR['LKR']=LKR
                       _PKR(pakistan rupee)
PKR = (0.349729 + 0.308962 + 0.294214 + 0.288056 + 0.287337 + 0.286720 + 0.291167 + 0.282537 + 0.278033 + 0.296416 + 0.291431 + 0.293654)/12826720 + 0.291167 + 0.282537 + 0.278033 + 0.296416 + 0.291431 + 0.293654)/12826720 + 0.291167 + 0.282537 + 0.278033 + 0.296416 + 0.291431 + 0.293654)/12826720 + 0.291167 + 0.282537 + 0.278033 + 0.296416 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291431 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.291441 + 0.29141 + 0.29141 + 0.29141 + 0.29141 + 0.29141 + 0.29141 + 0.29141 + 0
# print(PKR)
in_INR['PKR']=PKR
```

Final Dictionary

```
for x,y in in_INR.items():
 print(x,":",y)
    USD : 67.92728508333332
    EUR : 89.33616691666667
    AUD : 54.86134475
    GBP: 102.66448508333333
    CAD : 61.18704533333334
    SGD: 61.482895583333324
    AED : 22.48270375
    ARS
        : 0.31447300000000006
    BGN : 45.67685691666667
    BHD : 219.59502524999996
        : 16.540339333333336
    BRL
    CHF
         : 91.90266041666668
    CNY
        : 11.681302333333335
    HKD
        : 10.545589666666666
    ILS
         : 22,42980375
    JPY
            0.5889972499999999
    LKR
            0.252046750000000004
    PKR : 0.295688
```

The Convertion Code

```
CURRENCY CONVERTER_
print("\n_
                                                                                                               \n")
while(True):
   choice=int(input("1 . Convert Other Currency to INR\n2 . Convert INR to Other Currency\n\nEnter your choice : "))
  except ValueError:
   print("
                                                    x \times x \times x Enter valid Input (Either number 1 or number 2 ONLY) x \times x \times x \times x
   continue
  if choice==1 or choice==2:
   break
  else:
                                                    x x x x x Enter valid Input (Either number 1 or number 2 ONLY) x x x x x x \n\r
   print("
if choice==1:
 while(True):
    try:
     print()
     amount=float(input("\nEnter the Amount : "))
    except ValueError:
         print("\n
                                                            continue
    if amount<0:
     print("\n
                                                        x x x x x Enter a valid amount . Amount should be greater than or equal to Z\epsilon
     continue
   print("\n USD for United States Dollar (USA)\n",
       EUR for Euro (European Union)\n",
       AUD for Australian Dollar (Australia)\n",
       GBP for British Pound Sterling (United Kingdom)\n",
       CAD for Canadian Dollar (Canada)\n",
       SGD for Singapore Dollar (Singapore)\n",
       AED for United Arab Emirates Dirham (United Arab Emirates)\n",
       ARS for Argentine Peso (Argentina)\n",
       BGN for Bulgarian Lev (Bulgaria)\n",
       BHD for Bahraini Dinar (Bahrain)\n",
       BRL for Brazilian Real (Brazil)\n",
       CHF for Swiss Franc (Switzerland)\n",
       CNY for Renminbi (China)\n",
       HKD for Hong Kong Dollar (Hong Kong)\n",
       ILS for Israeli New Shekel (Israel)\n",
       JPY for Japanese Yen (Japan)\n",
       LKR for Sri Lankan Rupee (Sri Lanka)\n",
       PKR for Pakistani Rupee (Pakistan)" )
   while(True):
     currency_code=input("\nEnter Currency Code : ").upper().strip()
     if currency_code in in_INR.keys():
       converter = amount * in_INR[currency_code]
       print(amount,currency_code,"is equal to" ,converter,"Indian Rupees\n\n\n")
     else:
       print("
                                                        x x x x x Invalid currency code. Please input valid Currency Code x x x x x
       continue
     break
   break
if choice==2:
  while(True):
   try:
     print()
     amount=float(input("\nEnter the Amount : "))
    except ValueError:
         print("\n
                                                            x x x x x Invalid input. Please enter a number. x x x x x x x\n")
         continue
    if amount<0:
     print("\n
                                                        x x x x x Enter a valid amount . Amount should be greater than or equal to Z\epsilon
     continue
   print("\n
               USD for United States Dollar (USA)\n",
      EUR for Euro (European Union)\n",
       AUD for Australian Dollar (Australia)\n",
       GBP for British Pound Sterling (United Kingdom)\n",
       CAD for Canadian Dollar (Canada)\n",
       SGD for Singapore Dollar (Singapore)\n",
       AED for United Arab Emirates Dirham (United Arab Emirates)\n",
       ARS for Argentine Peso (Argentina)\n",
```

```
BGN for Bulgarian Lev (Bulgaria)\n",
       BHD for Bahraini Dinar (Bahrain)\n",
       BRL for Brazilian Real (Brazil)\n",
       CHF for Swiss Franc (Switzerland)\n",
       CNY for Renminbi (China)\n",
       HKD for Hong Kong Dollar (Hong Kong)\n",
       ILS for Israeli New Shekel (Israel)\n",
       JPY for Japanese Yen (Japan)\n",
       LKR for Sri Lankan Rupee (Sri Lanka)\n",
       PKR for Pakistani Rupee (Pakistan)" )
   while(True):
     currency_code=input("\nEnter Currency Code : ").upper().strip()
     if currency_code in in_INR.keys():
       converter = amount / in_INR[currency_code]
       print(amount, "Indian \ Rupees \ is \ equal \ to" \ , converter, currency\_code, "\n\n")
       print("
                                                        x x x x x Invalid currency code. Please input valid Currency Code x x x x x
       continue
     break
   break
                                              CURRENCY CONVERTER_
     1 . Convert Other Currency to INR
    2 . Convert INR to Other Currency
    Enter your choice : 1
    Enter the Amount : 10
        USD for United States Dollar (USA)
        EUR for Euro (European Union)
        AUD for Australian Dollar (Australia)
        GBP for British Pound Sterling (United Kingdom)
        CAD for Canadian Dollar (Canada)
        SGD for Singapore Dollar (Singapore)
        AED for United Arab Emirates Dirham (United Arab Emirates)
        ARS for Argentine Peso (Argentina)
        BGN for Bulgarian Lev (Bulgaria)
        BHD for Bahraini Dinar (Bahrain)
        BRL for Brazilian Real (Brazil)
        CHF for Swiss Franc (Switzerland)
        CNY for Renminbi (China)
        HKD for Hong Kong Dollar (Hong Kong)
        ILS for Israeli New Shekel (Israel)
OUTPUT
        INN TOT TUNESCULE NUPCE (TUNESCULE)
     Enter Currency Code : USD
     10.0 USD is equal to 679.2728508333332 Indian Rupees
```

 $https://colab.research.google.com/drive/16C3Qjtr2Yc0pC4miPYAVzZ3gidtlkUrp?usp=sharing\#scrollTo=94_sH7s5EdGm\&printMode=true$