Twitter Thread by Python Coding

Python Coding
@clcoding

Top 10 Python program for daily basis work.
■:

1. Language Detection using Python https://t.co/Hw06LVlz7I

```
pip install langdetect
```

Language Detection using Python

```
#importing library
from langdetect import detect

#taking input from user
text = input("Enter any text in any language: ")

#printing output
print(detect(text))

#clcoding.com
```

```
Enter any text in any language: Ich bin
de
```

2. Country info in Python https://t.co/Ipamx0El1x

```
pip install countryinfo
```

Country info in Python

```
from countryinfo import CountryInfo
count=input("Enter your country : ")
country = CountryInfo(count)
print("Capital is : ",country.capital())
print("Currencies is :",country.currencies())
print("Lanuage is : ",country.languages())
print("Borders are : ",country.borders())
print("Others names : ",country.alt_spellings())

#clcoding.com
```

```
Enter your country : India
Capital is :  New Delhi
Currencies is : ['INR']
Lanuage is :  ['hi', 'en']
Borders are :  ['AFG', 'BGD', 'BTN', 'MMR', 'CHN', 'NPL', 'PAK', 'LKA']
Others names :  ['IN', 'Bhārat', 'Republic of India', 'Bharat Ganrajya']
```

3. Live Weather Updates with Python https://t.co/aPzRjwu2oO

Live Weather Updates with Python

```
from bs4 import BeautifulSoup
import requests
headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64)\
           AppleWebKit/537.36 (KHTML, like Gecko) \
           Chrome/58.0.3029.110 Safari/537.3'}
def weather(city):
    city=city.replace(" ","+")
    res = requests.get(f'https://www.google.com/search?q={city}\
    &oq={city}&aqs=chrome.0.35i39l2j0l4j46j69i60.6128j1j7&sourceid=\
                       chrome&ie=UTF-8',headers=headers)
    print("Searching......\n")
    soup = BeautifulSoup(res.text,'html.parser')
    location = soup.select('#wob_loc')[0].getText().strip()
    time = soup.select('#wob_dts')[0].getText().strip()
    info = soup.select('#wob_dc')[0].getText().strip()
    weather = soup.select('#wob_tm')[0].getText().strip()
    print(location)
    print(time)
    print(info)
    print(weather+"°C")
city=input("Enter the Name of any City :   ")
city=city+" weather"
weather(city)
```

```
Enter the Name of Any City >>  pune
Searching......

Pune, Maharashtra
Saturday, 3:00 pm
Mostly cloudy
32°C
```

4. Spelling Correction with Python https://t.co/jrIJiY8I0q

```
pip install textblob
```

Spelling Correction with Python

```
from textblob import TextBlob
def Convert(string):
    li = list(string.split())
    return li
str1 = input("Enter your word : ")
words=Convert(str1)
corrected_words = []
for i in words:
    corrected_words.append(TextBlob(i))
print("Wrong words :", words)
print("Corrected Words are :")
for i in corrected_words:
    print(i.correct(), end=" ")
#clcoding.com
```

```
Enter your word : machinr
Wrong words : ['machinr']
Corrected Words are :
machine
```

5. Extract Text from PDF with Python https://t.co/yZoq7xTZHZ

Extract Text from PDF with Python

```python
import PyPDF2
pdf = open("pythonclcoding.pdf", "rb")
reader = PyPDF2.PdfFileReader(pdf)
page = reader.getPage(0)
print(page.extractText())
#clcoding.com
```

```
We are supporting freely to everyone. Join us for live support.

WhatsApp Support: wa.me/917385021801

Free program:
https://www.clcoding.com/

Free Codes:
https://clcoding.quora.com/

Free Support:
pythonclcoding@gmail.com
```

6. Real time Currency Converter with Python https://t.co/QypxNVMWkF

```
pip install forex_python
```

Real-time Currency Converter with Python

```
from forex_python.converter import CurrencyRates
c = CurrencyRates()
amount = int(input("Enter the amount: "))
from_currency = input("From Currency: ").upper()
to_currency = input("To Currency: ").upper()

print(from_currency, " To ", to_currency, amount)
result = c.convert(from_currency, to_currency, amount)
print(result)

#clcoding.com
```

```
Enter the amount: 100
From Currency: usd
To Currency: inr
USD  To  INR 100
7984.660737483762
```

7. Remove Cuss Words using Python https://t.co/t7Y9lAR49t

```
pip install better_profanity
```

Remove Cuss Words using Python

```
from better_profanity import profanity
text = input("Enter your sentence to check : ")
censored = profanity.censor(text)
print(censored)

#clcoding.com
```

```
Enter your sentence to check : go to hell
go to ****
```

8. Calculation of Execution Time of a Python Program https://t.co/D7pEcGtAXL

Execution Time of a Python Program

```
from time import time
start = time()

#code start
email = input("Enter Your Email: ")
email=email.strip()
slicer_index=email.index("@")
username = email[:slicer_index]
domain_name = email[slicer_index+1:]
print("Your user name is ",username," and your domain is ",domain_name)
#code end

#clcoding.com
end = time()
execution_time = end - start
print("Execution Time (s) : ", execution_time)
```

```
Enter Your Email: avc@123
Your user name is  avc  and your domain is  123
Execution Time (s) :  7.258544206619263
```

9. Voice Recorder in Python https://t.co/ncGSHbieOK

```
pip install scipy
```

```
pip install sounddevice
```

Voice Recorder in Python

```
#import required modules
import sounddevice
from scipy.io.wavfile import write
#sample_rate
fs=44100

#Ask to enter the recording time
second=int(input("Enter the Recording Time in second: "))
print("Recording....\n")
record_voice=sounddevice.rec(int(second * fs),samplerate=fs,channels=2)
sounddevice.wait()
write("MyRecording.wav",fs,record_voice)
print("Recording is done Please check you folder to listen recording")

#clcoding.com
```

```
Enter the Recording Time in second: 11
Recording....

Recording is done Please check you folder to listen recording
```

10. Unzip Files using Python https://t.co/vfoWZAlXc4

Unzip Files using Python

```
from zipfile import ZipFile

with ZipFile('binod.zip', 'r') as zip_object:
    zip_object.extractall()

#list of files that are archived in the ZIP file
print(zip_object.namelist())

#clcoding.com
```

```
['binod.jpg', 'BumBumBole.gif', 'clcoding.pdf', 'file1.pdf']
```