@forgoodcode

If you are not using Python,
you're falling behind.

Top 8 Python codes to automate
your work:

Program to Create a Countdown Timer

```
import time

def countdown(time_sec):
    while time_sec:
        mins, secs = divmod(time_sec, 60)
        timeformat = '{:02d}:{:02d}'.format(mins, secs)
        print(timeformat, end='\r')
        time.sleep(1)
        time_sec -= 1


        print("stop")
num=int(input("Set Your Timer in Sec : "))

countdown(num)

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```

```
Set Your Timer in Sec : 10
stop1
```

Download YouTube videos in Python

In [*]:
```
#import pytube library to download the video
import pytube

#Ask for the url of video
url = input("Enter video url: ")
#we can take path as well, just uncomment the following line
#path = input("Enter path of storage")

#specify the starage path of video
path="E:"

#magic line to download the video
pytube.YouTube(url).streams.get_highest_resolution().download(path)

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```

```
Enter video url:
```

pip install rembg

Remove Image Background using Python

```python
from rembg import remove
from PIL import Image
input_path = 'cl.jpg'
output_path = 'output.png'
input = Image.open(input_path)
output = remove(input)
output.save(output_path)

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```

```
pip install plyer
```

Desktop Notification with Python

```python
import time
from plyer import notification

if __name__ == "__main__":
    while True:
        notification.notify(
            title = "ALERT!!!",
            message = "Take a break! It has been an hour!",
            timeout = 10
        )
        time.sleep(3600)

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```

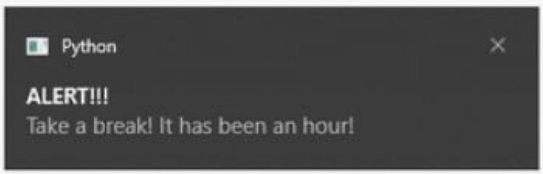

```
pip install pdf2docx
```

Convert PDF to docx using Python

```
from pdf2docx import Converter
pdf_file = 'clcoding.pdf'
docx_file = 'sample.docx'
cv = Converter(pdf_file)
cv.convert(docx_file)
cv.close()

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```

```
[INFO] Start to convert clcoding.pdf
[INFO] [1/4] Opening document...
[INFO] [2/4] Analyzing document...
[INFO] [3/4] Parsing pages...
[INFO] (1/1) Page 1
[INFO] [4/4] Creating pages...
[INFO] (1/1) Page 1
[INFO] Terminated in 0.17s.
```

QR Code generation using Python

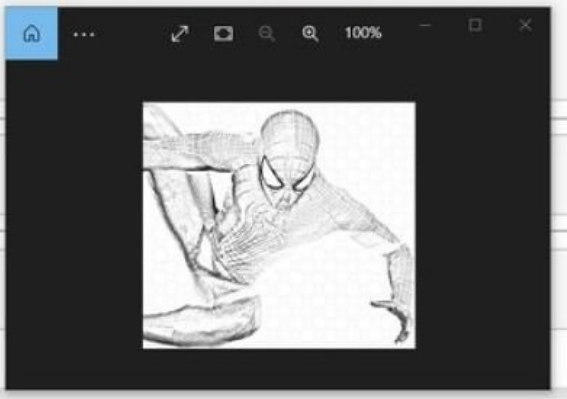
```python
import pyqrcode
from PIL import Image
link = input("Enter anything to generate QR : ")
qr_code = pyqrcode.create(link)
qr_code.png("QRCode.png", scale=5)
Image.open("QRCode.png")
#clcoding.com
```

```
Enter anything to generate QR : https://twitter.com/clcoding
```

Gif Creation in Python

```
import imageio
filenames = ["sketch.png","original.png"]
images = []
for filename in filenames:
    images.append(imageio.imread(filename))
imageio.mimsave('movie.gif', images,'GIF',duration=1)

#clcoding.com
```



In [ ]:
```
pip install sounddevice
```

In [ ]:
```
pip install scipy
```

Voice Recorder in Python

In [6]:
```
#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: 10
Recording....

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