

5 Amazing Tricks For Python

 Facts4web


Art Credit : Chaliya Gamer



QR Code With Python

```
pip install pyqrcode
```

```
pip install pypng
```

```
# Import QRCode from pyqrcode
import pyqrcode
import png
from pyqrcode import QRCode

# String which represents the QR code
s = "www.geeksforgeeks.org"

# Generate QR code
url = pyqrcode.create(s)

# Create and save the svg file naming "myqr.svg"
url.svg("myqr.svg", scale = 8)

# Create and save the png file naming "myqr.png"
url.png('myqr.png', scale = 6)
```

Convert Images To PDF

```
pip install fpdf
```

```
from fpdf import FPDF
pdf = FPDF()
# imagelist is the list with all image filenames
for image in imagelist:
    pdf.add_page()
    pdf.image(image,x,y,w,h)
    pdf.output("yourfile.pdf", "F")
```

YouTube Video Downloaded

```
pip install pytube
```

```
# pip install pytube
import pytube

link = input('Enter Youtube Video URL')
yt = pytube.Youtube(link)
yt.streams.first().download()
print('Downloaded', link)
```


Send Email Using Python

```
import smtplib
my_email = "test@gmail.com"
password = "test123"

connection = smtplib.SMTP("smtp.gmail.com", 587)
connection.starttls()
connection.login(user = my_email, password = password)

connection.sendmail(from_addr = my_email,
to_addrs = "receipentemail@gmail.com", msg = "Hello World")

connection.close()
```

Language Detection

```
pip install langdetect
```

```
from langdetect import detect  
text = input("Enter any text in any language: ")  
print(detect(text))
```