Insert Snippet in DataBase

```python
import sqlite3
import base64
conn = sqlite3.connect('snippet.db') #Connect to database
c = conn.cursor()
conn.text_factory = str
file = """
import base64 #encode muliple lines and keep the format
string =



             FROM: http://copy.r74n.com/ascii-art
EncodedStringValue=base64.b64encode(string)
string2 = EncodedStringValue
print "Decoded String2 : ",base64.b64decode(string2)
"""
keywords = 'base64, encoding base64, decoding base64, Encoded Base64'
encodedlistvalue=base64.b64encode(file)
c.execute("INSERT INTO snippet VALUES (?,?,?)", (encodedlistvalue, file, keywords))
conn.commit()
conn.close()
```

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```python
import sqlite3
import sys
conn = sqlite3.connect('snippet.db')
conn.text_factory = str
c = conn.cursor()
count=0;req=200
search = raw_input("Search : ")
for row in c.execute('SELECT * FROM snippet WHERE text MATCH ?', (search,)):
    count=count+1
    print (row)[1]," -- KEYWORDS",(row)[2],"\n"
    if count > req:
        conn.close()
        sys.exit()
```

```
Search :   r74n

import base64 #encode muliple lines and keep the format
string =



             FROM: http://copy.r74n.com/ascii-art
EncodedStringValue=base64.b64encode(string)
string2 = EncodedStringValue
print "Decoded String2 : ",base64.b64decode(string2)
 -- KEYWORDS base64, encoding base64, decoding base64, Encoded Base64
```
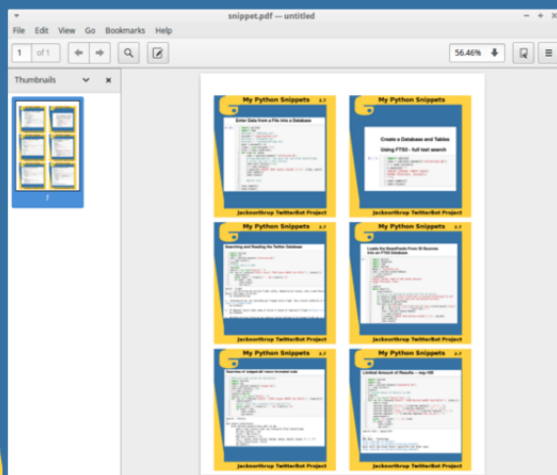
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Create a PDF of my Snippet Images ¶

```python
from reportlab.pdfgen import canvas
from reportlab.lib.units import inch, cm
c = canvas.Canvas('snippet.pdf')

c.drawImage('/home/jack/snippets/database001.png',\
        11*cm, 18*cm+30, 9*cm, 9*cm)
c.drawImage('/home/jack/snippets/database002.png',\
        1*cm, 18*cm+30, 9*cm, 9*cm)
c.drawImage('/home/jack/snippets/database003.png',\
        11*cm, 9*cm+20, 9*cm, 9*cm)
c.drawImage('/home/jack/snippets/database004.png',\
        1*cm, 9*cm+20, 9*cm, 9*cm)
c.drawImage('/home/jack/snippets/database005.png',\
        11*cm, 10, 9*cm, 9*cm)
c.drawImage('/home/jack/snippets/database006.png',\
        1*cm, 10, 9*cm, 9*cm)
c.showPage()
c.save()
```

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FTP a File to a Hosting Server

```python
# Working Fine
import ftplib
import os

def upload(ftp, file):
    ext = os.path.splitext(file)[1]
    ftp.cwd('/jacknorthrup.com/')
    if ext in (".txt", ".htm", ".html"):
        ftp.storlines("STOR " + file, open(file))
    else:
        ftp.storbinary("STOR " + file, open(file, "rb"), 1024)

ftp = ftplib.FTP("ftp.website.com")
ftp.login("user", "password")


upload(ftp, "snippet1.pdf")
```

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Get a Hosting Directory Listing with FTP

```python
import ftplib
ftp = ftplib.FTP("ftp.website.com")
ftp.login("user", "password")
data = []
ftp.dir(data.append)
ftp.quit()
for line in data:
    print "-", line
```

```
- drwxr-x---   11 epistler    12              4096 Oct  7 09:25 .
- drwxr-x---   11 epistler    12              4096 Oct  7 09:25 ..
- -rw-r--r--    1 epistler    epistler         185 Nov 23  2015 .htaccess
- -rw-r--r--    1 epistler    epistler          66 Jun 13  2014 .htaccess.ba
- -rw-r--r--    1 epistler    epistler          66 Nov 23  2015 .htaccess.ba
- -rw-r--r--    1 epistler    epistler          66 Jun 13  2014 .htaccess.ph
- -rw-r--r--    1 epistler    epistler        1971 Sep 17 02:43 005.php
- -rw-r--r--    1 epistler    epistler        1980 Sep 17 02:55 006.php
- -rw-r--r--    1 epistler    epistler        1980 Sep 17 02:57 007.php
- -rw-r--r--    1 epistler    epistler        1115 Sep 17 03:05 1.php
- -rw-r--r--    1 epistler    epistler        1638 Sep 17 21:51 1a.php
- -rw-r--r--    1 epistler    epistler        1730 Sep 18 19:01 1b.php
- -rw-r--r--    1 epistler    epistler        1115 Sep 17 03:37 2.php
- -rw-r--r--    1 epistler    epistler       40975 Sep 17 16:53 21.jpg
- -rw-r--r--    1 epistler    epistler        2316 Sep 17 03:47 2a.php
- -rw-r--r--    1 epistler    epistler         911 Sep 17 07:58 3.php
- -rw-r--r--    1 epistler    epistler        1990 Sep 17 05:20 3a.php
- -rw-r--r--    1 epistler    epistler         130 Sep  1  2011 400.shtml
- -rw-r--r--    1 epistler    epistler         162 Sep  1  2011 401.shtml
```

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