Study:

from youtube\_dl import YoutubeDL

#Sample 1,2: Download multiple youtube

# d1 = YoutubeDL()

# d1.download(["https://www.youtube.com/watch?v=V6pLnQdGA\_c","https://www.youtube.com/watch?v=F5tS5m86bOI"])

# print(type(d1))

#Sample 3: Download audio

# options = {

# "format" : "bestaudio/audio"

# }

# d1 = YoutubeDL(options)

# d1.download(["https://www.youtube.com/watch?v=c3jHlYsnEe0"])

#Sample 4: Search and download the first video

# options= {

# "default\_search": "ytsearch",

# "max\_download": 1

# }

# d1 = YoutubeDL(options)

# d1.download(["con dien TAMKA PKL"])

#Sample 5: Search and then download the first audio:

options = {

"default\_search" : "ytsearch",

"max\_download":1,

"format": "bestaudio/audio"

}

d1 = YoutubeDL()

d1.download(["Nho mua sai goi lam truong"])

Ex1:

Part1:

from urllib.request import urlopen

from bs4 import BeautifulSoup

import pyexcel

from collections import OrderedDict

url = "https://www.apple.com/itunes/charts/songs/"

#1 Open connection

conn = urlopen(url)

#2 Download raw data

raw\_data = conn.read()

#3 Decode raw data

webpage\_text = raw\_data.decode("utf-8")

soup = BeautifulSoup(webpage\_text,"html.parser")

section = soup.find("section","section chart-grid")

li\_list = section.find\_all("li")

li = li\_list[0]

new\_list = []

for li in li\_list:

a = li.h4.a

artist = a.string

b = li.h3.a

name = b.string

link = url + a["href"]

news = {

"Artist" : artist,

"Name" : name,

"Link":link,

}

new\_list.append(news)

print(\*new\_list,sep="\n")

pyexcel.save\_as(records= new\_list, dest\_file\_name="artis&song.xlsx")

Part2:

from urllib.request import urlopen

from bs4 import BeautifulSoup

import pyexcel

from collections import OrderedDict

url = "https://www.apple.com/itunes/charts/songs/"

#1 Open connection

conn = urlopen(url)

#2 Download raw data

raw\_data = conn.read()

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artist = a.string

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name = b.string

link = url + a["href"]

news = {

"Artist" : artist,

"Name" : name,

"Link":link,

}

new\_list.append(news)

print(\*new\_list,sep="\n")

pyexcel.save\_as(records= new\_list, dest\_file\_name="artis&song.xlsx")

from youtube\_dl import YoutubeDL

options = {

"default\_search": "ytsearch",

"maxdownload":1,

"format":"bestaudio/audio",

}

dl = YoutubeDL(options)

for li in li\_list:

a = li.h3.a

name = a.string

b = li.h4.a

artist = b.string

dl.download([name,artist])