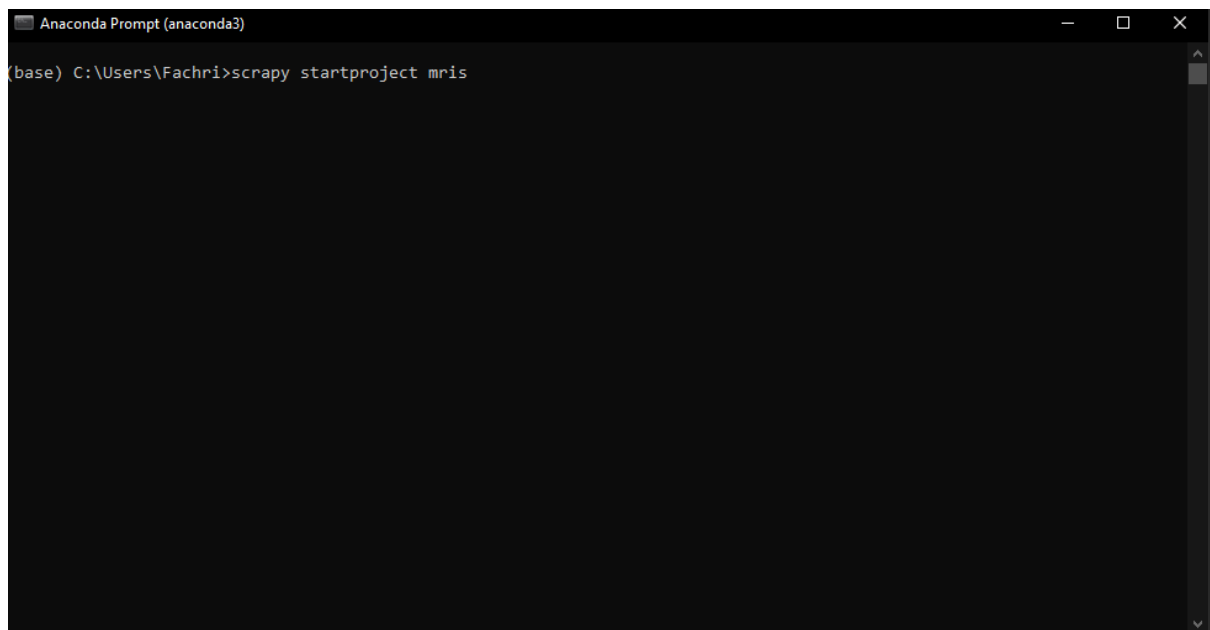# LAPORAN

"MRIS"

NOMOR KE 2

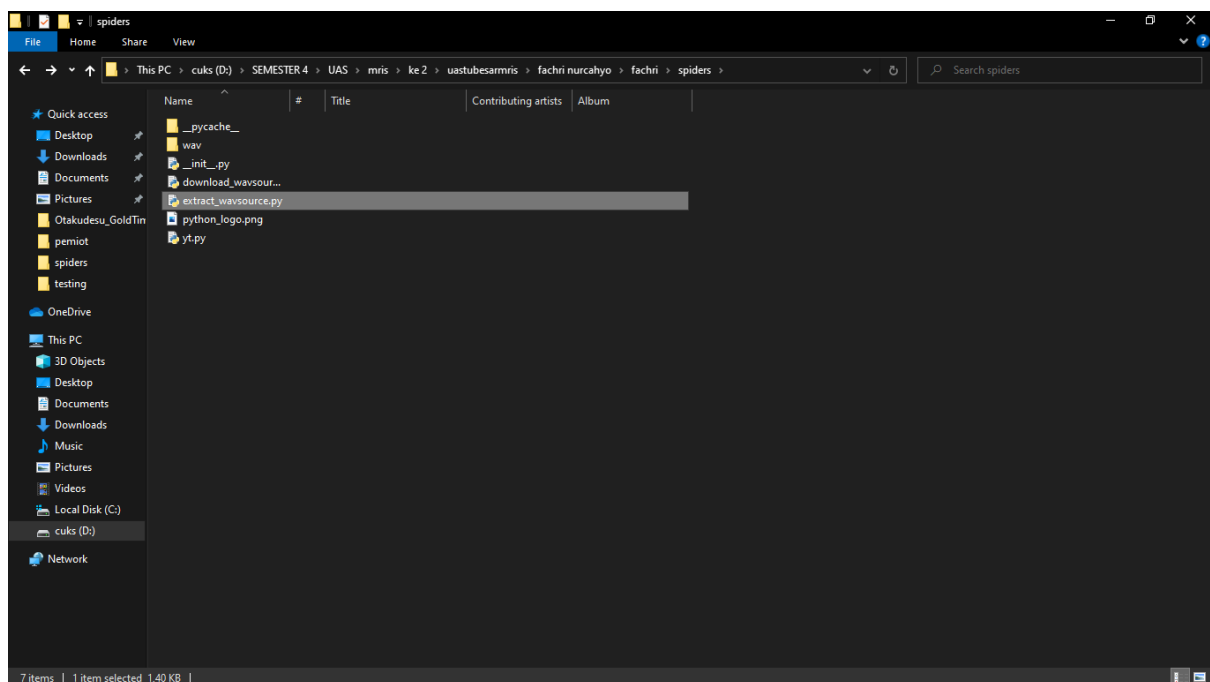**Dosen Pengampu : BUDI MUKHAMAD MULYO S.Kom.,MT**

DISUSUN OLEH :

FACHRI NURCAHYO (1914311007)

PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS TEKNIK

UNIVERSITAS BHAYANGKARA SURABAYA 2021

1. Membuat file dulu yaitu : scrapy startproject **mris**

2. Lalu ke file tadi kita bukak lalu buat ke file spyder yaitu beri nama extract_wavsource.py

3. Lalu coding masukan code

```
lengkap=True
print("mengecek modul request")
try:
        import requests as req
except:
        lengkap=False
        print("modul request tidak ada, install dengan perintah pip3 install requests")

print("mengecek modul bs4")
try:
        from bs4 import BeautifulSoup as bs
except:
        lengkap=False
        print("modul bs4 tidak ada, install dengan perintah pip3 install beautifulsoup4")

if lengkap:
        print("membuat koneksi....")
        header={"Host":"www.wavsource.com",
        "User-Agent":"Mozilla/5.0 (X11; Linux i686; rv:68.0) Gecko/20100101 Firefox/68.0"}
        halaman=req.get("https://www.wavsource.com/people/women1.htm",headers=header)
        print("mengambil data")
        isi_halaman=bs(halaman.text,"html.parser")
        isi_c1=isi_halaman.find_all("td",class_="c1")
        print("data didapat. menampilkan sekarang")
```

```
if lengkap:
        print("membuat koneksi....")
        header={"Host":"www.wavsource.com",
        "User-Agent":"Mozilla/5.0 (X11; Linux i686; rv:68.0) Gecko/20100101 Firefox/68.0"}
        halaman=req.get("https://www.wavsource.com/people/women1.htm",headers=header)
        print("mengambil data")
        isi_halaman=bs(halaman.text,"html.parser")
        isi_c1=isi_halaman.find_all("td",class_="c1")
        print("data didapat. menampilkan sekarang")
        for ic in isi_c1:
                isi_script=ic.find_all("script")
                if(len(isi_script)>0):
                        isi_asli=str(isi_script[0])
                        isi_asli=isi_asli.replace("<script type=\"text/javascript\">","")
                        isi_asli=isi_asli.replace("</script>","")
                        isi_asli=isi_asli.replace("s2p(","")
                        isi_asli=isi_asli.replace(")","")
                        isi_asli=isi_asli.replace("\'","")
                        isi_asli=isi_asli.split(",")
                        print("-"*10)
                        print("Judul           :{}".format(isi_asli[4]))
                        print("Tahun ditambahkan:{}{}".format(isi_asli[2].replace("added ",""),isi_asli[3]))
                        print("link lagu        :{}/{}/{}".format("https://www.wavsource.com/snds_2020-10-01_3728627494378403",isi_asli[0],isi_a
                        print("-"*10)
```

```
header={"Host":"www.wavsource.com",
"User-Agent":"Mozilla/5.0 (X11; Linux i686; rv:68.0) Gecko/20100101 Firefox/68.0"}
halaman=req.get("https://www.wavsource.com/people/women1.htm",headers=header)
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                isi_asli=isi_asli.replace("</script>","")
                isi_asli=isi_asli.replace("s2p(","")
                isi_asli=isi_asli.replace(")","")
                isi_asli=isi_asli.replace("\'","")
                isi_asli=isi_asli.split(",")
                print("-"*10)
                print("Judul           :{}".format(isi_asli[4]))
                print("Tahun ditambahkan:{}{}".format(isi_asli[2].replace("added ",""),isi_asli[3]))
                print("link lagu        :{}/{}/{}".format("https://www.wavsource.com/snds_2020-10-01_3728627494378403",isi_asli[0],isi_asli[1]))
                print("-"*10)
```

4. Lanjut masukan lagu yang kita dapat seperti saya nim ganjil yaitu 7, pada bagian halaman req itu saya isi dengan url yang women soalnya nim ganjil


```
engecek modul bs4")

from bs4 import BeautifulSoup as bs

lengkap=False
print("modul bs4 tidak ada, install dengan perintah pip3 install beautifulsoup4")

:ap:
print("membuat koneksi....")
header={"Host":"www.wavsource.com",
"User-Agent":"Mozilla/5.0 (X11; Linux i686; rv:68.0) Gecko/20100101 Firefox/68.0"}
halaman=req.get("https://www.wavsource.com/people/women1.htm",headers=header)
print("mengambil data")
isi_halaman=bs(halaman.text,"html.parser")
isi_c1=isi_halaman.find_all("td",class_="c1")
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        isi_script=ic.find_all("script")
        if(len(isi_script)>0):
                isi_asli=str(isi_script[0])
                isi_asli=isi_asli.replace("<script type=\"text/javascript\">","")
                isi_asli=isi_asli.replace("</script>","")
                isi_asli=isi_asli.replace("s2p(","")
                isi asli=isi asli replace(")" "")
```

5. Lanjut yang saya tandain biru kita print lagu nah kita masukan lagu yang mau didownload, contoh seperti yang itu kita kasih link lagu yang didownlaod


```
header={"Host":"www.wavsource.com",
"User-Agent":"Mozilla/5.0 (X11; Linux i686; rv:68.0) Gecko/20100101 Firefox/68.0"}
halaman=req.get("https://www.wavsource.com/people/women1.htm",headers=header)
print("mengambil data")
isi_halaman=bs(halaman.text,"html.parser")
isi_c1=isi_halaman.find_all("td",class_="c1")
print("data didapat. menampilkan sekarang")
for ic in isi_c1:
        isi_script=ic.find_all("script")
        if(len(isi_script)>0):
                isi_asli=str(isi_script[0])
                isi_asli=isi_asli.replace("<script type=\"text/javascript\">","")
                isi_asli=isi_asli.replace("</script>","")
                isi_asli=isi_asli.replace("s2p(","")
                isi_asli=isi_asli.replace(")","")
                isi_asli=isi_asli.replace("\'","")
                isi_asli=isi_asli.split(",")
                print("-"*10)
                print("Judul            :{}".format(isi_asli[4]))
                print("Tahun ditambahkan:{}{}".format(isi_asli[2].replace("added ",""),isi_asli[3]))
                print("link lagu        :{}/{}/{}".format("https://www.wavsource.com/snds_2020-10-01_3728627494378403",isi_asli[0],isi_asli[1]))
                print("-"*10)
```
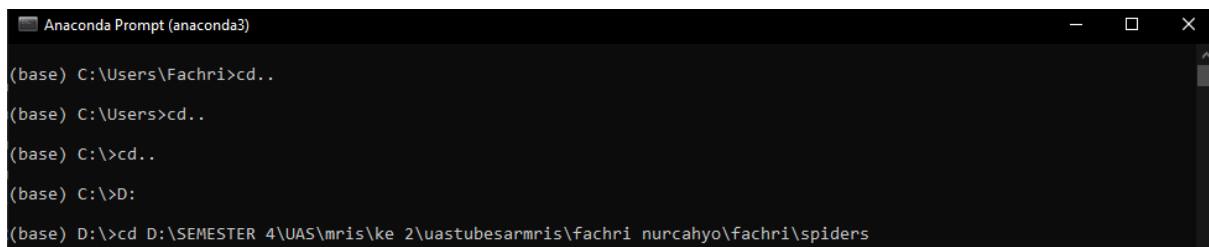
6. Lanjut kita buka anaconda command prompat lalu kita masuk ke **base D yaitu ketik cd.. sampai C:\ lalu kita ubah dengan D: karena file saya terdapat pada D**

```
Anaconda Prompt (anaconda3)                                          —   □   ×

(base) C:\Users\Fachri>cd..

(base) C:\Users>cd..

(base) C:\>cd..

(base) C:\>D:

(base) D:\>_
```

7. lalu kita ketik cd lalu kita taruh dimana tempat yang kita simpan tadi seperti yang dibawah yaitu **D:\SEMESTER 4\UAS\mris\ke 2\uastubesarmris\fachri nurcahyo\fachri\spiders**

```
Anaconda Prompt (anaconda3)                                          —   □   ×

(base) C:\Users\Fachri>cd..

(base) C:\Users>cd..

(base) C:\>cd..

(base) C:\>D:

(base) D:\>cd D:\SEMESTER 4\UAS\mris\ke 2\uastubesarmris\fachri nurcahyo\fachri\spiders
```

8. lalu ketik **python extract_wavsource.py nah kita liat bahwa keliatan kalua judul2 nya sudah ada**


```
Anaconda Prompt (anaconda3)                                                    —    □    ×

(base) D:\SEMESTER 4\UAS\mris\ke 2\uastubesarmris\fachri nurcahyo\fachri\spiders>python extract_wavsource.py
mengecek modul request
mengecek modul bs4
membuat koneksi....
mengambil data
data didapat. menampilkan sekarang
----------
Judul            :Activity unproductive

Tahun ditambahkan:Aug 17 2008
link lagu        :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/women/activity_unproductive.wav
----------
----------
Judul            :Ahhah

Tahun ditambahkan:Aug 8 2001
link lagu        :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/women/ahhah_x.wav
----------
----------
Judul            :Ahhh

Tahun ditambahkan:Aug 8 2001
link lagu        :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/women/ahhh.wav
----------
----------
Judul            :Ahohhh
```

9. lalu kita download source yaitu **pip install youtube_dl**


```
Anaconda Prompt (anaconda3)                                                    —    □    ×

(base) C:\Users\Fachri>pip install youtube_dl
Requirement already satisfied: youtube_dl in c:\users\fachri\anaconda3\lib\site-packages (2021.5.16)

(base) C:\Users\Fachri>
```

10. lalu ke download_wavsource.py nah di **ydl.download kita masukan link yang ada di cmd tadi semisal**

```
download_wavsource.py - Notepad
File  Edit  Format  View  Help
from __future__ import unicode_literals
import youtube_dl

ydl_opts = {
    'format': 'bestaudio/best',
    'postprocessors': [{
        'key': 'FFmpegExtractAudio',
        'preferredcodec': 'mp3',
        'preferredquality': '192',
    }],
}
with youtube_dl.YoutubeDL(ydl_opts) as ydl:
    ydl.download(['https://www.wavsource.com/snds_2020-10-01_3728627494378403/people/women/dont_like_you.wav'])
```

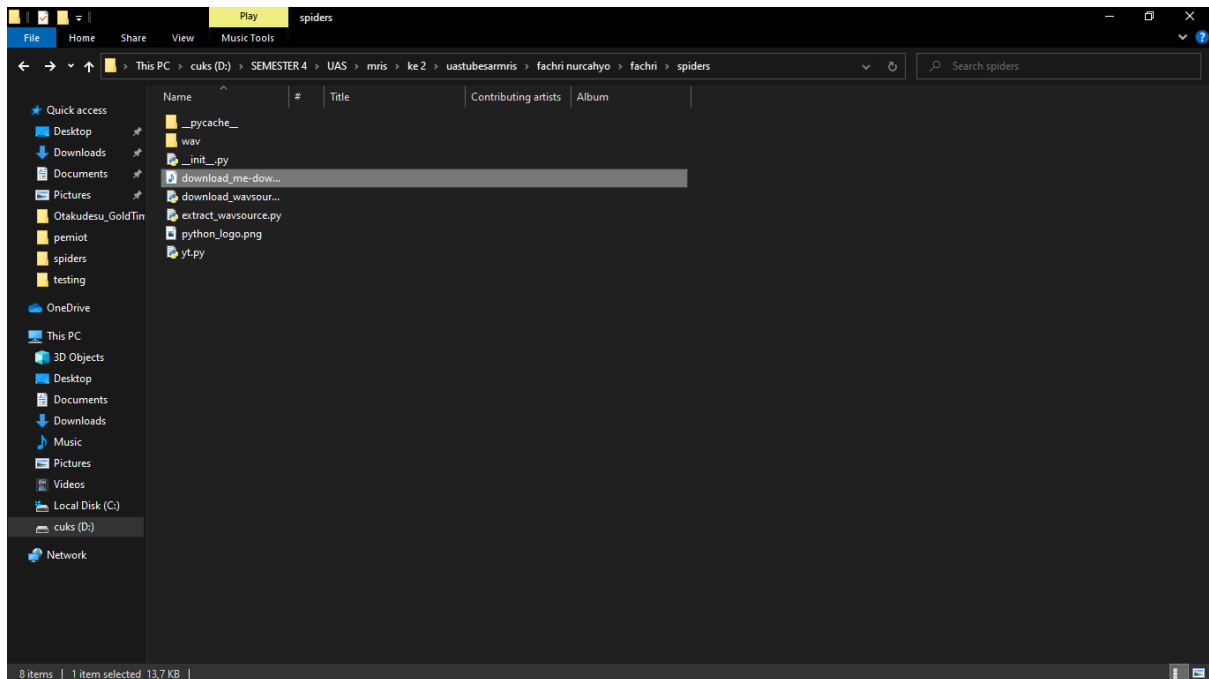Nah link yang ini yang judul lagunya

```
Judul              :Download me

Tahun ditambahkan:Aug 8 2001
link lagu          :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/women/download_me.wav
---------

(base) D:\SEMESTER 4\UAS\mris\ke 2\uastubesarmris\fachri nurcahyo\fachri\spiders>
```

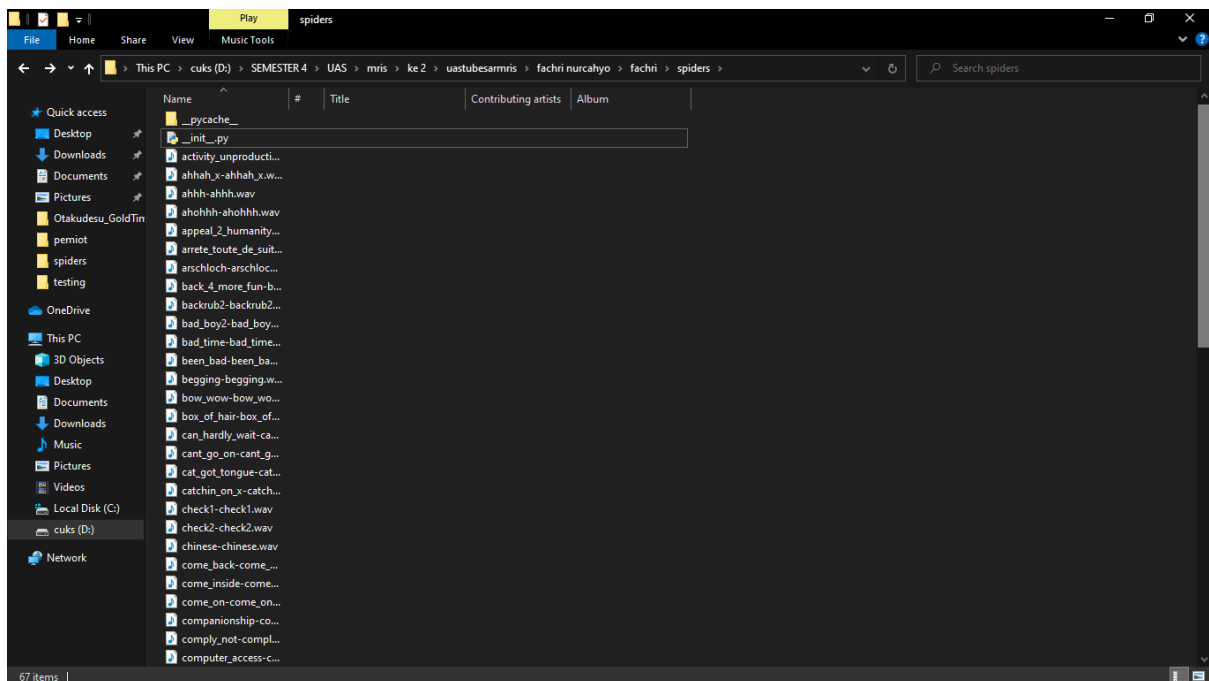11. lalu ketik **python download_wavsource.py**

```
Anaconda Prompt (anaconda3)
youtube_dl.utils.PostProcessingError: ffprobe/avprobe and ffmpeg/avconv not found. Please install one.

During handling of the above exception, another exception occurred:

Traceback (most recent call last):
  File "download_wavsource.py", line 13, in <module>
    ydl.download(['https://www.wavsource.com/snds_2020-10-01_3728627494378403/people/women/download_me.wav'])
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2068, in download
    res = self.extract_info(
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 808, in extract_info
    return self.__extract_info(url, ie, download, extra_info, process)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 815, in wrapper
    return func(self, *args, **kwargs)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 847, in __extract_info
    return self.process_ie_result(ie_result, download, extra_info)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 881, in process_ie_result
    return self.process_video_result(ie_result, download=download)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 1692, in process_video_result
    self.process_info(new_info)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2050, in process_info
    self.post_process(filename, info_dict)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2117, in post_process
    self.report_error(e.msg)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 628, in report_error
    self.trouble(error_message, tb)
  File "C:\Users\Fachri\anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 598, in trouble
    raise DownloadError(message, exc_info)
youtube_dl.utils.DownloadError: ERROR: ffprobe/avprobe and ffmpeg/avconv not found. Please install one.

(base) D:\SEMESTER 4\UAS\mris\ke 2\uastubesarmris\fachri nurcahyo\fachri\spiders>
```

12. lalu kita cek dan ternyata ada tetapi hanya 1 ajaa, lalu kita ulangi aja tadi

13. nah akhirnya kita bisa ssemua ke download

Link github: https://github.com/fachri111/Tugas-Besar-Bs4-1914311007-Pagi-Ubhara-Surabaya-