Laporan Tugas Besar
Multimedia Retrieval Information System
Semester 4

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TEKNIK INFORMATIKA

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Tugas No.2   ***BEAUTIFUL SOAP***

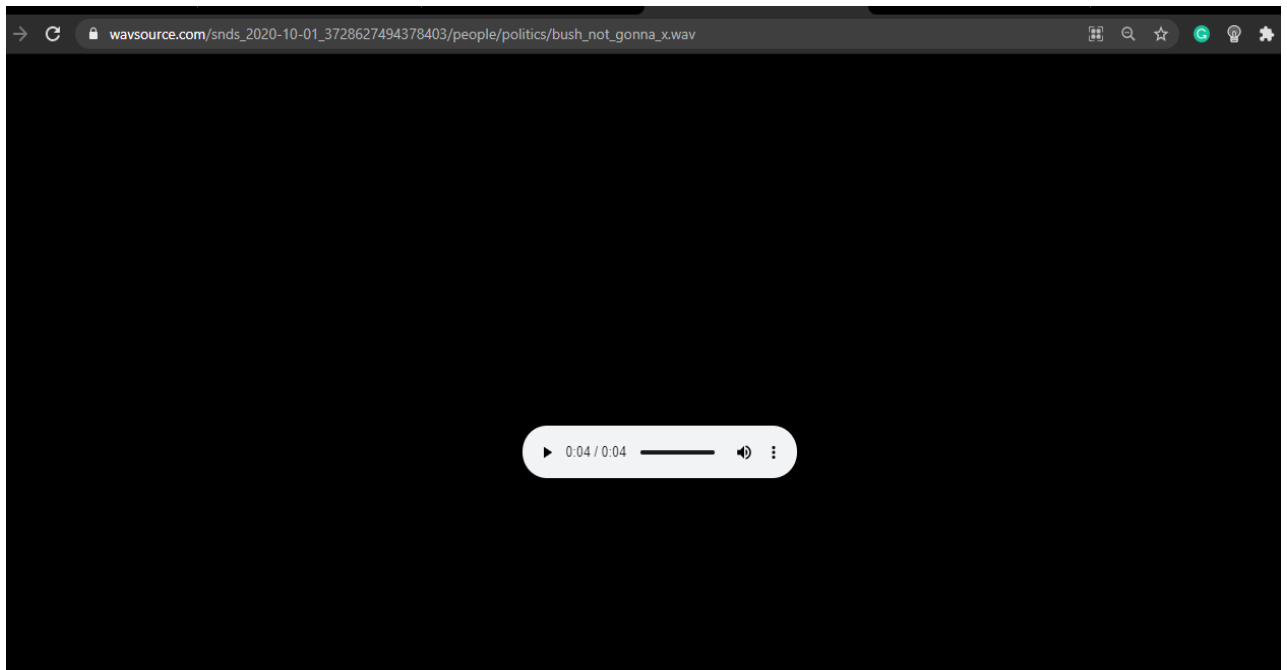1. Pertama adalah kita membuat project dan folder baru . Bisa dari File explorer , bisa melalui CMD

2.   Kedua kita tambahkan getlink terlebih dahulu . disini perintahnya adalah
https://www.wavsource.com/people/politics.htm   Sesuai dengan akhiran nim saya yaitu **5**.

3. Kemudian, kita buka salah satu audio dibawah, semisal saya pilih "**bush_not_gonna_x**" maka akan muncul seperti dibawah ini selanjutnya kita copy link tadi hanya pada " https-03 " (contoh: "**https://www.wavsource.com/snds_2020-10-01_3728627494378403/people/politics/bush_not_gonna_x.wav"**):

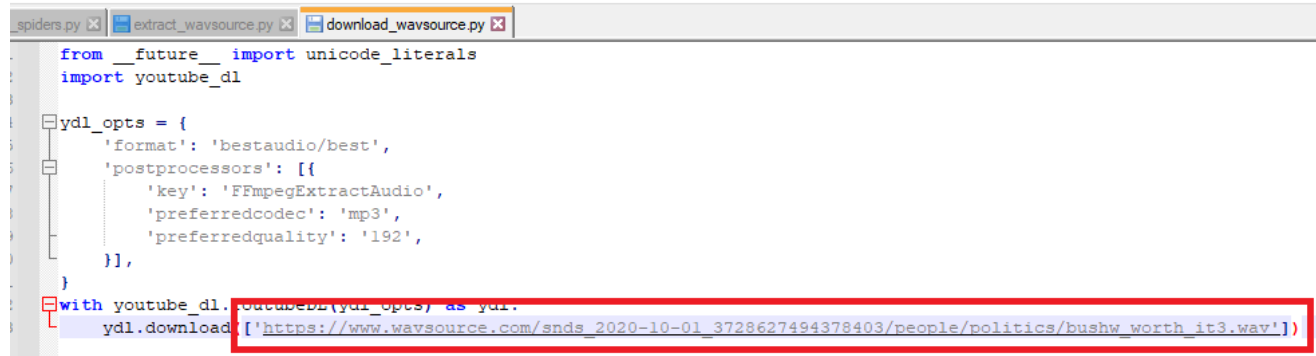4. Kemudian Tambahkan halaman yang ingin diekstrak wav . bisa diperhatikan di kotak merah dibawah ini .

5. Kemudian kita melakukan Extract wav nya dari Website untuk mendapatkan link

```
(base) C:\Users\user\Documents\TugasBesarMRIS\Tugas-Besar-BS4-1914311055-Pagi-Ubhara-Surabaya\Wendi\Wendi\spiders>python extract_wavsource.py
mengecek modul request
mengecek modul bs4
membuat koneksi....
mengambil data
data didapat. menampilkan sekarang
---------
Judul            :Agnew nabobs

Tahun ditambahkan:July 31 2001
link lagu        :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/politics/agnew_nabobs.wav
---------
---------
Judul            :Baker arduous

Tahun ditambahkan:July 31 2001
link lagu        :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/politics/baker_arduous.wav
---------
---------
Judul            :Barry get out

Tahun ditambahkan:July 31 2001
link lagu        :https://www.wavsource.com/snds_2020-10-01_3728627494378403/
people/politics/barry_get_out.wav
```

6. Setelah berhasil mendapatkan linknya kemudian copy paste kan link audio yang ingin kita download pada teks yang diberi kotak merah Kemudian Save

```python
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/politics/bushw_worth_it3.wav'])
```

7. Setelah itu kita ketikan code yang dilingkari tanda merah untuk mendownload file audio wav nya,setelah berhasil didownload filenya secara otomatis akan tersimpan pada folder yang kita buat tadi seperti kotak merah dibawah ini.

```
Anaconda Prompt (Anaconda3)
Successfully installed youtube-dl-2021.5.16

(base) C:\Users\user\Documents\TugasBesarMRIS\Tugas-Besar-BS4-1914311055-Pagi-Ubhara-Surabaya\Wendi\Wendi\spiders>python download_wavsource.py
[generic] bushw_worth_it3: Requesting header
[download] bushw_worth_it3-bushw_worth_it3.wav has already been downloaded
[download] 100% of 97.82KiB
ERROR: ffprobe/avprobe and ffmpeg/avconv not found. Please install one.
Traceback (most recent call last):
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2115, in post_process
    files_to_delete, info = pp.run(info)
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\postprocessor\ffmpeg.py", line 272, in run
    filecodec = self.get_audio_codec(path)
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\postprocessor\ffmpeg.py", line 166, in get_audio_codec
    raise PostProcessingError('ffprobe/avprobe and ffmpeg/avconv not found. Please install one.')
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/politics/bushw_worth_it3.wav'])
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2068, in download
    res = self.extract_info(
  File "C:\ProgramData\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:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 815, in wrapper
    return func(self, *args, **kwargs)
  File "C:\ProgramData\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:\ProgramData\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:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 1692, in process_video_result
    self.process_info(new_info)
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2050, in process_info
    self.post_process(filename, info_dict)
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 2117, in post_process
    self.report_error(e.msg)
  File "C:\ProgramData\Anaconda3\lib\site-packages\youtube_dl\YoutubeDL.py", line 628, in report_error
    self.trouble(error_message, tb)
  File "C:\ProgramData\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.
```

8.   Jika sudah berhasil di download akan muncul seperti ini.

```
[generic] bushw_worth_it: Requesting header
[download] bushw_worth_it-bushw_worth_it.wav has already been downloaded
[download] 100% of 141.36KiB
```

9.   Ulangi langkah 2-5 sampai semua file audio terdownload semuanya

Name	#	Title	Contributing artists	Album	Date created
__pycache__					28/05/2021 16:46
__init__					28/05/2021 16:46
agnew_nabobs-agn...					28/05/2021 16:46
baker_arduous-bak...					28/05/2021 16:46
barry_get_out-barry...					28/05/2021 16:46
bentson_no_jack-b...					28/05/2021 16:46
bush_god_bless-bu...					28/05/2021 16:46
bush_never_once-b...					28/05/2021 16:46
bush_not_gonna_x-...					28/05/2021 16:46
bush_prudent1-bus...					28/05/2021 16:46
bush_prudent2-bus...					28/05/2021 16:46
bush_read-bush_read					28/05/2021 16:46
bush-clinton_debat...					28/05/2021 16:46
bushjeb_lawyers-bu...					28/05/2021 16:46
bushw_apocalypse-...					28/05/2021 16:46
bushw_authority_se...					28/05/2021 16:46
bushw_backbone-b...					28/05/2021 16:46
bushw_biggest_job...					28/05/2021 16:46
bushw_bring2-bush...					28/05/2021 16:46
bushw_bring-bush...					28/05/2021 16:46
bushw_c_students-...					28/05/2021 16:46
bushw_calling-bus...					28/05/2021 16:46
bushw_campaign-b...					28/05/2021 16:46
bushw_certain-bus...					28/05/2021 16:46

10. Berikut daftar link yang sudah saya salin : (NIM 5 dan 6 : Politics Nim saya : 03**6**)

Note :

Untuk repository github berada dibawah ini

No.2 :

https://github.com/wendirosalia/Tugas-Besar-Bs4-1914311055-Pagi-Ubhara-Surabaya