

Extract the data of the given video and get the details of it based on the inputs provided

1) I used Media info CLI in windows

2) after installing mediainfo CLI we should set Environment Variable else can give Absolute path in the mediainfo in the program

Python code

```
import subprocess

from sys import argv

Video_name="C:\\mediainfo\\mediainfo  "

Video_name+=argv[1]

print(Video_name)

video_out = subprocess.getoutput(Video_name)

if(video_out==""):

    print("Wrong file name")

else:

    if(argv[2].lower()=="video"):

        print(video_out[679:2407])

    elif(argv[2].lower()=="audio"):

        print(video_out[2407:3407])

    elif(argv[2].lower()=="general") :

        print(video_out[0:678])

    else:

        print("wrong input")
```

/*.....output Screen shorts.....*/

```
PS C:\Users\Anjaneyane\Desktop\today task>
```

```
PS C:\Users\Anjaneyane\Desktop\today task> python extractData.py video.mp4 audio
C:\mediainfo\mediainfo video.mp4
```

```
Audio
ID : 2
Format : AAC LC
Format/Info : Advanced Audio Codec Low Complexity
Codec ID : mp4a-40-2
Duration : 5 min 31 s
Bit rate mode : Variable
Bit rate : 128 kb/s
Channel(s) : 2 channels
Channel layout : L R
Sampling rate : 44.1 kHz
Frame rate : 43.066 FPS (1024 SPF)
Compression mode : Lossy
Stream size : 5.06 MiB (12%)
Title : ISO Media file produced by Google Inc. Created on: 03/29/2019.
Language : English
Encoded date : UTC 2019-03-29 21:21:02
Tagged date : UTC 2019-03-29
PS C:\Users\Anjaneyane\Desktop\today task>
```

```
PS C:\Users\Anjaneyane\Desktop\today task> python extractData.py video.mp4 general
C:\mediainfo\mediainfo video.mp4
```

```
General
Complete name : video.mp4
Format : MPEG-4
Format profile : Base Media / Version 2
Codec ID : mp42 (isom/mp42)
File size : 42.4 MiB
Duration : 5 min 31 s
Overall bit rate mode : Variable
Overall bit rate : 1 073 kb/s
Encoded date : UTC 2019-03-29 21:21:02
Tagged date : UTC 2019-03-29 21:21:02
gsst : 0
gstd : 331580
```

```
PS C:\Users\Anjaneyane\Desktop\today task>
```