```
In [1]: pip install pytube3
```

```
Collecting pytube3
  Downloading pytube3-9.6.4-py3-none-any.whl.metadata (16 kB)
Requirement already satisfied: typing-extensions in c:\users\arati\anaconda3\lib
\site-packages (from pytube3) (4.11.0)
Downloading pytube3-9.6.4-py3-none-any.whl (38 kB)
Installing collected packages: pytube3
Successfully installed pytube3-9.6.4
Note: you may need to restart the kernel to use updated packages.
```

```
In [2]: pip install --upgrade pytube
```

```
Collecting pytubeNote: you may need to restart the kernel to use updated package
s.

  Downloading pytube-15.0.0-py3-none-any.whl.metadata (5.0 kB)
Downloading pytube-15.0.0-py3-none-any.whl (57 kB)
   ------------------------------------- 0.0/57.6 kB ? eta -:--:--
   -------------- ----------------------- 20.5/57.6 kB ? eta -:--:--
   -------------------- ----------------- 30.7/57.6 kB 220.2 kB/s eta 0:00:01
   ------------------------------------- 57.6/57.6 kB 378.8 kB/s eta 0:00:00
Installing collected packages: pytube
Successfully installed pytube-15.0.0
```

```
In [4]: from pytube import YouTube
```

```
In [5]: pip install yt-dlp
```

```
Collecting yt-dlp
  Downloading yt_dlp-2024.8.6-py3-none-any.whl.metadata (170 kB)
     ---------------------------------------- 0.0/170.1 kB ? eta -:--:--
     -- ------------------------------------- 10.2/170.1 kB ? eta -:--:--
     -------- ------------------------------- 41.0/170.1 kB 393.8 kB/s eta 0:00:01
     ----------------- ---------------------- 81.9/170.1 kB 651.6 kB/s eta 0:00:01
     -------------------------------- - 163.8/170.1 kB 893.0 kB/s eta 0:00:01
     --------------------------------- 170.1/170.1 kB 730.2 kB/s eta 0:00:00
Requirement already satisfied: brotli in c:\users\arati\anaconda3\lib\site-packag
es (from yt-dlp) (1.0.9)
Requirement already satisfied: certifi in c:\users\arati\anaconda3\lib\site-packa
ges (from yt-dlp) (2024.6.2)
Collecting mutagen (from yt-dlp)
  Downloading mutagen-1.47.0-py3-none-any.whl.metadata (1.7 kB)
Collecting pycryptodomex (from yt-dlp)
  Downloading pycryptodomex-3.20.0-cp35-abi3-win_amd64.whl.metadata (3.4 kB)
Requirement already satisfied: requests<3,>=2.32.2 in c:\users\arati\anaconda3\li
b\site-packages (from yt-dlp) (2.32.2)
Requirement already satisfied: urllib3<3,>=1.26.17 in c:\users\arati\anaconda3\li
b\site-packages (from yt-dlp) (2.2.2)
Collecting websockets>=12.0 (from yt-dlp)
  Downloading websockets-13.0.1-cp312-cp312-win_amd64.whl.metadata (6.9 kB)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\arati\anacond
a3\lib\site-packages (from requests<3,>=2.32.2->yt-dlp) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\arati\anaconda3\lib\site-
packages (from requests<3,>=2.32.2->yt-dlp) (3.7)
Downloading yt_dlp-2024.8.6-py3-none-any.whl (3.1 MB)
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-------- --------------------------- 30.7/152.2 kB ? eta -:--:--
------------------------------------ 152.2/152.2 kB 1.8 MB/s eta 0:00:00
Downloading mutagen-1.47.0-py3-none-any.whl (194 kB)
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--------------- -------------------- 81.9/194.4 kB 2.3 MB/s eta 0:00:01
--------------------------------- -- 184.3/194.4 kB 2.2 MB/s eta 0:00:01
------------------------------------ 194.4/194.4 kB 2.0 MB/s eta 0:00:00
Downloading pycryptodomex-3.20.0-cp35-abi3-win_amd64.whl (1.8 MB)
------------------------------------ 0.0/1.8 MB ? eta -:--:--
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--------------------------------- 1.8/1.8 MB 1.8 MB/s eta 0:00:01
--------------------------------- 1.8/1.8 MB 1.8 MB/s eta 0:00:00
Installing collected packages: websockets, pycryptodomex, mutagen, yt-dlp
Successfully installed mutagen-1.47.0 pycryptodomex-3.20.0 websockets-13.0.1 yt-d
lp-2024.8.6
Note: you may need to restart the kernel to use updated packages.
```

In [6]:
```python
link=input("Enter youtube video")
yt=YouTube(link)
```

In [7]:
```python
# To print title
print("Title :",yt.title)
#To get number of views
print("Views :",yt.views)
#To get length of the video
```

```python
print("Duration :",yt.length)
#To get description
print("Description :",yt.description)
#To get ratings
print("Ratings :",yt.rating)
```

```
Title : Generative AI for Build LLM Model Using Lama 3,Hugging Face & Ollama | Na
reshIT
Views : 2476
Duration : 8456
Description : None
Ratings : None
```

In [11]:
```python
from yt_dlp import YoutubeDL

download_option = input("Do you want to download this video? (yes/no): ").lower(

if download_option == "yes":
    url = 'youtube.com/watch?v=eDN6fAWLNNE&t=5425s'
    ydl_opts = {'format' : 'best'}
    with YoutubeDL(ydl_opts) as ydl:
        print("downloding...")
        ydl.download([url])
        print("Download completed")

else:
    print("Download Aborted")
```

```
downloding...
[generic] Extracting URL: youtube.com/watch?v=eDN6fAWLNNE&t=5425s
WARNING: [generic] The url doesn't specify the protocol, trying with http
[youtube] Extracting URL: http://youtube.com/watch?v=eDN6fAWLNNE&t=5425s
[youtube] eDN6fAWLNNE: Downloading webpage
[youtube] eDN6fAWLNNE: Downloading ios player API JSON
[youtube] eDN6fAWLNNE: Downloading web creator player API JSON
[youtube] eDN6fAWLNNE: Downloading player 3abab6ef
[youtube] eDN6fAWLNNE: Downloading m3u8 information
[info] eDN6fAWLNNE: Downloading 1 format(s): 18
[download] Destination: Generative AI for Build LLM Model Using Lama 3,Hugging Fa
ce & Ollama | NareshIT [eDN6fAWLNNE].mp4
[download] 100% of  190.53MiB in 00:01:59 at 1.60MiB/s
Download completed
```

In [4]:
```python
import os
os.getcwd()
```

Out[4]: 'C:\\Users\\arati'

In [ ]:

In [ ]: