In [7]:
```
pip install pytube3
```
Requirement already satisfied: pytube3 in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (9.6.4)
Requirement already satisfied: typing-extensions in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from pytube3) (4.11.0)
Note: you may need to restart the kernel to use updated packages.

In [2]:
```
pip install --upgrade pytube
```
Requirement already satisfied: pytube in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (15.0.0)
Note: you may need to restart the kernel to use updated packages.

In [3]:
```python
from pytube import YouTube
```

In [4]:
```
pip install yt-dlp
```
Requirement already satisfied: yt-dlp in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (2024.8.6)
Requirement already satisfied: brotli in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (1.0.9)
Requirement already satisfied: certifi in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (2024.7.4)
Requirement already satisfied: mutagen in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (1.47.0)
Requirement already satisfied: pycryptodomex in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (3.20.0)
Requirement already satisfied: requests<3,>=2.32.2 in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (2.32.2)
Requirement already satisfied: urllib3<3,>=1.26.17 in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (2.2.2)
Requirement already satisfied: websockets>=12.0 in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from yt-dlp) (13.0.1)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from requests<3,>=2.32.2->yt-dlp) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\arsha_4tjdyqj\anaconda3\lib\site-packages (from requests<3,>=2.32.2->yt-dlp) (3.7)
Note: you may need to restart the kernel to use updated packages.

In [5]:
```python
link=input("enter YouTube video")
yt=YouTube(link)
```

In [12]:
```python
# To print title
print("Title :", yt.title)
# To get number of views
print("Views :", yt.views)
# To get the length of video
print("Duration :", yt.length)
# To get description
print("Description :", yt.description)
# To get ratings
print("Ratings :", yt.rating)
```

```
Title : SQL Tutorial For Beginners | MySQL Tutorial
Views : 168166
Duration : 5169
Description : None
Ratings : None
```

In [15]:
```python
from yt_dlp import YoutubeDL

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

if download_option == "yes":
    url = 'https://www.youtube.com/watch?v=Rm0xH2Vpfi0&t=0s'
    ydl_opts = {'format': 'best'}
    with YoutubeDL(ydl_opts) as ydl:
        print("Downloading...")
        ydl.download([url])
        print("Download completed.")
else:
    print("Download aborted.")
```

```
Downloading...
[youtube] Extracting URL: https://www.youtube.com/watch?v=Rm0xH2Vpfi0&t=0s
[youtube] Rm0xH2Vpfi0: Downloading webpage
[youtube] Rm0xH2Vpfi0: Downloading ios player API JSON
[youtube] Rm0xH2Vpfi0: Downloading web creator player API JSON
[youtube] Rm0xH2Vpfi0: Downloading player 5f8f5b0f
[youtube] Rm0xH2Vpfi0: Downloading m3u8 information
[info] Rm0xH2Vpfi0: Downloading 1 format(s): 18
[download] Destination: SQL Tutorial For Beginners | MySQL Tutorial [Rm0xH2Vpfi0].m
p4
[download] 100% of  115.41MiB in 00:01:45 at 1.09MiB/s
Download completed.
```

In [17]:
```python
import os
os.getcwd()
```

Out[17]: 'C:\\Users\\arsha_4tjdyqj\\PROJECTS'

In [ ]:

In [ ]: