**Convert video to audio with Python**

**Video to Audio Converter is a smart tool to extract audio from video files. In this section, we will introduce you to a simple program to create a video to audio converter using the Python programming language .**

**How to convert video to sound with Python?**

**Converting a video to an audio file may seem like a strange decision. But in certain cases, it may be useful. This is often used to record soundtracks for movies or extract audio tracks from videos that you are only interested in the sound of .**

**If you think you can take advantage of this feature, you need a video-to-audio app. Most importantly, you need to make sure you choose the right one .**

**Currently, there are programs that do this for you automatically, but writing programs that already exist clears the way for you to code. Let's see how to convert video to audio as a free Python project :**

**from pytube Import YouTube**

**import pytube**

**import os**

**def main():**

**video\_url = input ( 'Enter YouTube video URL: ' )**

**if os . name == ' nt ' :**

**path = os . getcwd () + '\\'**

**else :**

**path = os . getcwd () + '/'**

**name = pytube . extract . video\_id ( video\_url )**

**YouTube ( video\_url ). streams . filter ( only\_audio = True ). first (). download ( filename = name )**

**location = path + name + '.mp4'**

**renametomp3 = path + name + '.mp3'**

**if os . name == ' nt ' :**

**os . system ( 'ren {0} {1}' . format ( location , renametomp3 ))**

**else :**

**os . system ( 'mv {0} {1}' . format ( location , renametomp3 ))**

**if \_\_name\_\_ == '\_\_main\_\_' :**

**main ()**

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