

```
import os
```

```
from pytube import YouTube
```

```
def download_youtube_audio(video_url, output_folder):
```

```
    try:
```

```
        yt = YouTube(video_url)
```

```
        audio_stream = yt.streams.filter(only_audio=True).first()
```

```
        if audio_stream:
```

```
            output_file = audio_stream.download(output_path=output_folder)
```

```
            # Rename the file to have the .mp3 extension
```

```
            mp3_file = output_file.split(".")[0] + ".mp3"
```

```
            os.rename(output_file, mp3_file)
```

```
            print("Audio downloaded successfully:", mp3_file)
```

```
        else:
```

```
            print("No audio stream available for the given URL.")
```

```
    except Exception as e:
```

```
        print("Error:", e)
```

```
# Example usage
```

```
video_url = "https://www.youtube.com/watch?v=dQw4w9WgXcQ" # Example YouTube video URL
```

```
output_folder = "youtube_downloads" # Output folder where the MP3 will be saved
```

```
download_youtube_audio(video_url, output_folder)
```