

## TASK ASSIGNMENT – 3

### TASK:

Creating GUI to extract lyrics from songs using python:

Your final task is to design a graphical user interface (GUI) application that can extract lyrics from songs using python. You will integrate APIs or web scraping techniques to fetch lyrics and display them on interface.

These tasks have been designed to provide your with hands on experience in python programming and GUI development.

### LYRICS GENIUS:

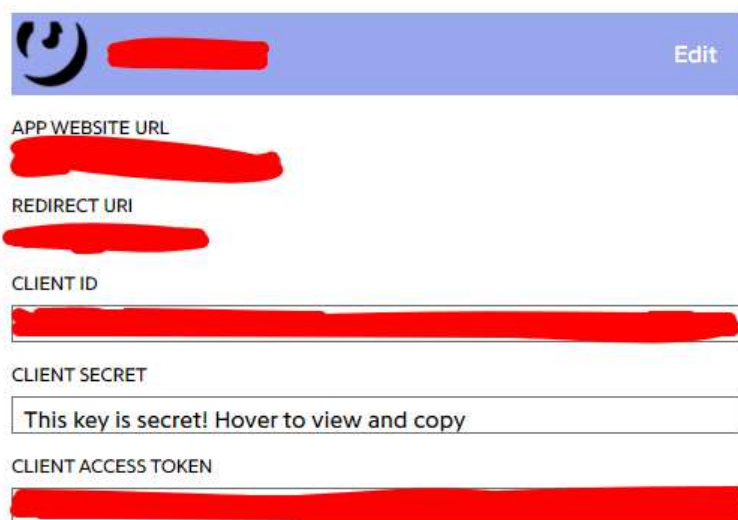
For extracting the song lyrics we need to have the api key id from the website

<http://lyrics.Genius> in which we need to create an account. Then it displays the id, that id has to be pasted in the code that we have written. Here will be the detailed description

LyricsGenius is a python library which makes easier to download any lyrics from Genius.com with its API.

Before starting to code, API key from genius is necessary. So, creating API is easy via this link. After creating API, let's start coding.

### API Clients



APP WEBSITE URL

REDIRECT URI

CLIENT ID

CLIENT SECRET

This key is secret! Hover to view and copy

CLIENT ACCESS TOKEN

LyricsGenius works with Python 3. For installation,

First, check your python version.

```
python --version
```

```
(batu) C:\Users\batuy\PycharmProjects\batu_general>python --version
Python 3.7.9
```

Second, download the python library.

#If python --version is Python3,

```
pip install lyricsgenius
```

#If python --version is Python2,

```
pip3 install lyricsgenius
```

For latest version, try to install with Github link.

```
pip install git+https://github.com/johnwmillr/LyricsGenius.git
```

Now, you are ready to use lyricsgenius. Import library and modules.

#api\_key is your TOKEN from Genius Developers. It will look like that.  
api\_key =

"XXX-

XXXX7XXXXXYUeXXXXXMXXWsUXXXXX7BXXXXX3\_XXXXXsY\_aBXXXXXzXX"

```
genius = lg.Genius(api_key)
```

For extra specifications on Genius searches, there are some parameters in the example under below.

```
genius = lg.Genius(api_key, skip_non_songs=True, excluded_terms=["(Remix)", "(Live)"],
remove_section_headers=True)
```

Now looking forward for the complete code

### COMPLETE CODE:

```
import lyricsgenius
api_key="IwyCis0QFvqjl94X-zB4BnFED4u0khMqt-
RG6K_Pn0wRwMs1sYuAYk3yoVGPV1Md"
genius = lyricsgenius.Genius(api_key)
name = input("enter atrist name: ")
artist =genius.search_artist(name)
song = input("type your song for lyrics : ")
```

```
song = artist.song(song)
print(song.lyrics)
```

## OUTPUT:

```
PS C:\Users\user> & "C:/Program Files/Python312/python.exe" c:/Users/user/Desktop/internship/task3/lyrics.py
enter atrist name: amaal malik
Searching for songs by amaal malik...

Changing artist name to 'Badshah, Amaal Malik, Fazilpuria, Sukriti Kakar & Neha Kakkar'
Song 1: "Kar Gayi Chull"
Done. Found 1 songs.
type your song for lyrics : kar gayi chull
Searching for "kar gayi chull" by Badshah, Amaal Malik, Fazilpuria, Sukriti Kakar & Neha Kakkar...
```

Now the lyrics of the selected song is printed in the following manner

Searching for "kar gayi chull" by Badshah, Amaal Malik, Fazilpuria, Sukriti Kakar & Neha Kakkar...  
Done.

8 ContributorsTranslationsRomanizationKar Gayi Chull Lyrics[Intro: Badshah]

ओ लड़की beautiful कर गयी चुल

{चुल चुल}

ओ लड़की beautiful कर गयी चुल

{चुल चुल}

[Verse 1: Badshah]

(Yeah)

देख तेरा रंग सौँमला हुआ बोलला

लड़की नहीं तू है गरम मसला

बोलती बंद मेरी कूँ क्का भला

कुछ भी कहा नहीं जाये

चल नोचे तों दखिली, हलिले है London

मटक-मटक जैसे Raveena Tandon

चल नोचे तों दखिली, हलिले है London

मटक-मटक जैसे Raveena Tandon

आ लागे आई है बन-ठन

गोल्ली चल गयी थंम

[Pre-Chorus: Badshah]

नखे वलितली, ego में रहती

नखे वलितली, ego में रहती

टशन दखिली full

[Chorus: Badshah & Fazilpuria]

ओ लड़की beautiful कर गयी चुल

{चुल चुल}

ओ लड़की beautiful कर गयी चुल

{चुल चुल}

ओ दंमै-बंमै कैसे कमर तू झुलंमै

Physics समझ नहीं आये

ओ लड़की beautiful कर गई चुल

दंमै-बंमै कैसे कमर तू झुलंमै

Physics समझ नहीं आये

You might also like[Verse 2: Neha Kakkar]

{चुल चुल}  
ओ दोंगै-बोंगै कैसे कमर तू झुलंगे  
Physics समझ नहीं आ  
ओ लड़की beautiful कर गई चुल  
दोंगै-बोंगै कैसे कमर तू झुलंगे  
Physics समझ नहीं आ  
You might also like[Verse 2: Neha Kakkar]  
Sandal मेरे चम-चम करते हैं  
ये high brand दे  
Sandal मेरे चम-चम करते हैं  
ये high brand दे  
Airplane मुझे दे मेरे heel ते होंदों land वे  
सारी कुछियाँ हों देसी चड़ियाँ  
सारी कुछियाँ देसी चड़ियाँ club की मैं बुलबुल

[Chorus: Sukriti Kakkar]  
मैं लड़की beautiful कर गई चुल...  
ओ लड़की beautiful कर गयी चुल...

[Chorus: Badshah & Fazilpuria]  
ओ लड़की beautiful कर गयी चुल  
देख तेरा रंग सोंपला हुआ बोंपला  
लड़की नहीं तू है गरम मोंपला  
बोलती बंद मेरी कहीं क्या भला  
ओ लड़की beautiful कर गयी चुल  
चल नंगे तो दखिलाई, हल्ले है London  
मटक-मटक जैसे Raveena Tandon  
आ लगाने आई है बन-ठन  
ओ लड़की beautiful कर गयी चुल  
कोई बचा लो, मुझे सम्भालो  
कोई बचा लो, मुझे सम्भालो  
ओ इसे उठा लो  
ओ लड़की beautiful कर गयी चुलEmbed  
PS C:\Users\user> █