#!/usr/bin/env python

from mfrc522 import SimpleMFRC522

import RPi.GPIO as GPIO

import spotipy

from spotipy.oauth2 import SpotifyOAuth

from time import sleep

DEVICE\_ID = "YOUR\_DEVICE\_ID"

CLIENT\_ID = "YOUR\_CLIENT\_ID"

CLIENT\_SECRET = "YOUR\_CLIENT\_SECRET"

while True:

try:

reader = SimpleMFRC522()

sp = spotipy.Spotify(auth\_manager=SpotifyOAuth(client\_id=CLIENT\_ID,

client\_secret=CLIENT\_SECRET,

redirect\_uri="http://localhost:8080",

scope="user-read-playback-state,user-modify-playback-state"))

# create an infinite while loop that will always be waiting for a new scan

while True:

print("Waiting for record scan...")

id = reader.read()[0]

print("Card Value is:", id)

sp.transfer\_playback(device\_id=DEVICE\_ID, force\_play=False)

# DONT include the quotation marks around the card's ID value, just paste the number

if (id == 4890142461):

# playing a song

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:playlist:5omHiTR0fMTT1Etz9T5Vsc')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:playlist:3n7PS7D0DNpD3o13bVLTQN')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:6X1x82kppWZmDzlXXK3y3q')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2Ek1q2haOnxVqhvVKqMvJe')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:5BGzOpea6At0Nd7tYtYZOP')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:0WzOtZBpXvWdNdH7hCJ4qo')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:6sDQacCej53Q43vZF9PJ8i')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1xpGyKyV26uPstk1Elgp9Q')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2RKEso6nin3nhRyAd36Omv')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2BtE7qm1qzM80p9vLSiXkj')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4JTOxuvM2jcSqAvEZtZsOO')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:playlist:2oZjYwPmqzhU5f0HUeYyTF')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:5wtE5aLX5r7jOosmPhJhhk')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1ntNLgaYCFCkeW4flGYlY2')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1UcS2nqUhxrZjrBZ3tHk2N')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2kqn09pydzvKvB3xWbAxY4')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1bt6q2SruMsBtcerNVtpZB')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:artist:2YOYua8FpudSEiB9s88IgQ')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, uris='spotify:track:6Q1KlB6kpTwPKspzSzYhKV')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4SZko61aMnmgvNhfhgTuD3')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2nkto6YNI4rUYTLqEwWJ3o')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:0S0KGZnfBGSIssfF54WSJh')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:392p3shh2jkxUxY2VHvlH8')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1YZ3k65Mqw3G8FzYlW1mmp')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:621OhgnZJ7Pz8iUazct1In')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1YgekJJTEueWDaMr7BYqPk')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:78iX7tMceN0FsnmabAtlOC')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:7gsWAHLeT0w7es6FofOXk1')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:5zi7WsKlIiUXv09tbGLKsE')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:0ETFjACtuP2ADo6LFhL6HN')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4UG3kz6qoHtNI1glQ2wdon')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:playlist:0USMC6cVglCmWH670gWw6k')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1btu0SV2DOI5HoFsvUd78F')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2XgBQwGRxr4P7cHLDYiqrO')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:6trNtQUgC8cgbWcqoMYkOR')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:7HVoV2lgVsmuiHsjbbUJB4')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:42oBdomfxF0DbKKMEqrnQW')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, uris='spotify:track:48kwdkeHEJEuMzcKklPv5b')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4Hai0uVzRbyTSaTPzxTY4e')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2ODvWsOgouMbaA5xf0RkJe')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4Carzsnpd6yvuHZ49I0oz8')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4eLPsYPBmXABThSJ821sqY')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4GNIhgEGXzWGAefgN5qjdU')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:playlist:21ENdNQSHkmT9qfbzLF26C')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:45ba6QAtNrdv6Ke4MFOKk9')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:6kZ42qRrzov54LcAk4onW9')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:4yP0hdKOZPNshxUOjY0cZj')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:2nLOHgzXzwFEpl62zAgCEC')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:40QTqOBBxCEIQlLNdSjFQB')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:50yFYgKdwJANZ5O9MIbMkg')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:artist:2QsynagSdAqZj3U9HgDzjD')

sleep(2)

elif (id == ):

# playing an album

sp.start\_playback(device\_id=DEVICE\_ID, context\_uri='spotify:album:1Mhn9VosyjtWn4dMPFlna6')

sleep(2)

# if there is an error, skip it and try the code again (i.e. timeout issues, no active device error, etc)

except Exception as e:

print(e)

pass

finally:

print("Cleaning up...")

GPIO.cleanup()