Afvinkopdracht 6

import mysql.connector  
import tkinter as tk  
  
def nummerstoevoegen(muzieknummerinput):  
 mydb = mysql.connector.connect(  
 host="145.74.104.144",  
 user="100028",  
 password="Aa1671858!",  
 database="blok3" )  
 mycursor = mydb.cursor()  
 sql = "INSERT INTO muzieknummers (id, title, duration, " \  
 "youtube\_link, album\_id) " \  
 "VALUES (%s, %s, %s, %s, %s)"  
 val = (9002, "Koud", "00:02:16",  
 "https://www.youtube.com/watch?v=nWS84R4hYiY", 1)  
 mycursor.execute(sql, val)  
 mydb.commit()  
 print(mycursor.rowcount, "record inserted.")  
  
def GUI\_dropdown():  
 mydb = mysql.connector.connect(  
 host="145.74.104.144",  
 user="100028",  
 password="Aa1671858!",  
 database="blok3" )  
 mycursor = mydb.cursor()  
 sql = """select title from album"""  
 mycursor.execute(sql)  
 myresult = mycursor.fetchall()  
 # Create a dictionary to use for the dropdown menu options # Create the GUI window  
 root = tk.Tk()  
 # Create the dropdown menu and add options from the dictionary  
 var = tk.StringVar(root)  
 var.set('Select an option')  
 # Set default option  
 dropdown = tk.OptionMenu(root, var, \*myresult)  
 # Define a function to execute when an option is selected  
  
 selected\_option = var.get()  
 naam = str(selected\_option.replace(",", "").replace("'" , "")  
 .replace("(" , "").replace(")" , ""))  
 print(naam)  
 mycursor2 = mydb.cursor()  
 sql(" SELECT muzieknummers.title," " "  
 "FROM muzieknummers" " "  
 "JOIN album a on a.album\_id = muzieknummers.album\_id" " "  
 "WHERE a.title = "+ naam + " ")  
 mycursor2.execute(sql)  
 myresult2 = mycursor.fetchall()  
 print(myresult2)  
 # Create a button to execute the select\_option() function  
 button = tk.Button(root, text='Select')  
 # Pack the dropdown menu and button onto the GUI window  
 dropdown.pack()  
 button.pack() # Start the GUI  
  
  
def filterdatabase1(input):  
 mydb = mysql.connector.connect(  
 host="145.74.104.144",  
 user="100028",  
 password="Aa1671858!",  
 database="blok3" )  
 mycursor = mydb.cursor()  
 sql = "SELECT \* FROM muzieknummers Where title like (%s) "  
 val = [input]  
 mycursor.execute(sql,val)  
 myresult = mycursor.fetchall()  
 for x in myresult:  
 print(x)  
  
def filterdatabase2():  
 mydb = mysql.connector.connect(  
 host="145.74.104.144",  
 user="100028",  
 password="Aa1671858!",  
 database="blok3" )  
 mycursor = mydb.cursor()  
 sql = """SELECT name, title FROM artiest   
 JOIN album ON album.artiest\_id = artiest.artiest\_id"""  
 mycursor.execute(sql)  
 myresult = mycursor.fetchall()  
 for x in myresult: print(x)  
  
  
def main():  
 functie\_keuze = input("Kies een functie: 1 = /Voeg een muzieknummer toe/ \n 2 = /maak een GUI dropdown/ \n 3 = /zoek muzieknummers/ \n 4 = /Zoek artiets bij album/ \n")  
 if functie\_keuze == "1":  
 nummerstoevoegen()  
 if functie\_keuze == "2":  
 muzieknummerinput = input("Geef een zoekterm = \n")  
 GUI\_dropdown(muzieknummerinput)  
 if functie\_keuze == "3":  
 input = input("Voer een album in = ")  
 filterdatabase1(input)  
 if functie\_keuze == "4":  
 filterdatabase2()  
  
  
main()