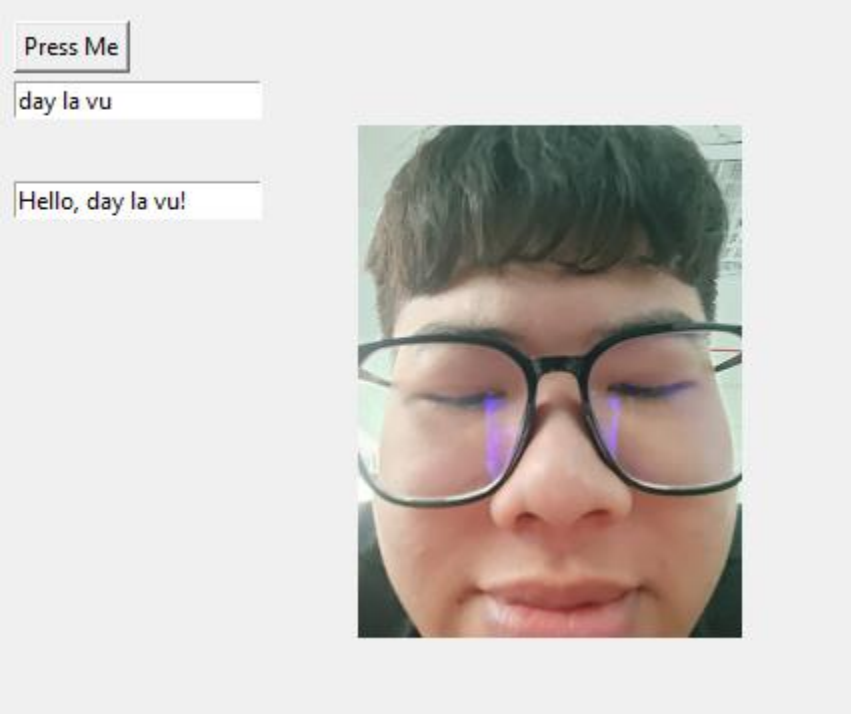
Họ và tên: Ngô Long Vũ

Msv: 20210463

Câu 1:

```
from tkinter import *

window = Tk()
window.title('Hello World')
window.geometry('800x800')
anh = PhotoImage(file="vu.png")
label_anh = Label(window, image=anh)
label_anh.place(x=200, y=220)

def show_ten():
    name = name_entry.get()
    entry_show.delete(0, END)
    entry_show.insert(0, f"Hello, {name}!")

name_entry = Entry()
name_entry.place(x=30, y=200)

entry_show = Entry(window)
entry_show.place(x=30, y=250)

button = Button(window, text="Press Me", command=show_ten)
button.place(x=30, y=170)

window.mainloop()
```

Kết quả:

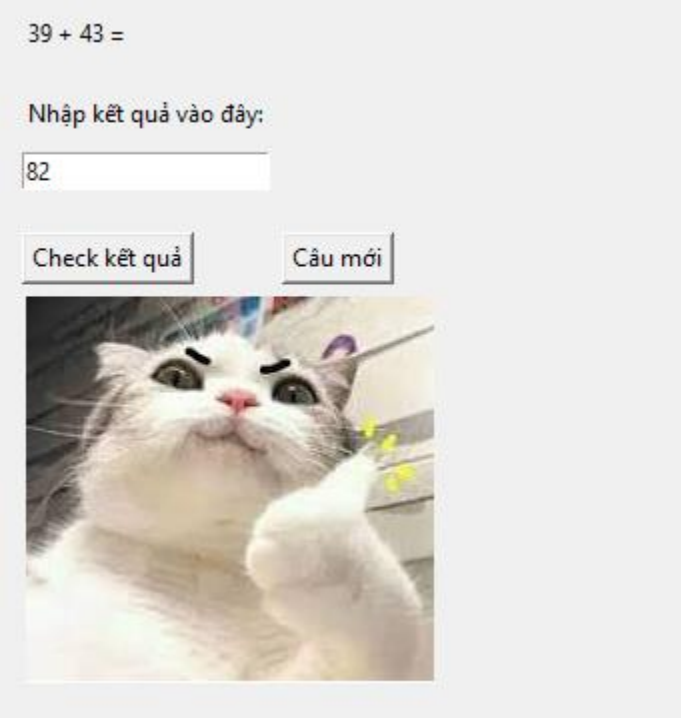


Câu 2:

```
from tkinter import *
import random

window = Tk()
window.title("cua vu")
window.geometry("720x480")

def cau_hoi():
    global num1, num2, correct_answer
    num1 = random.randint(10, 50)
    num2 = random.randint(10, 50)
    label_hien_thi_cau_hoi.config(text=f"{num1} + {num2} = ")
    correct_answer = num1 + num2

def kiem_tra_ket_qua():
    try:
        user_answer = int(entry_nhap.get())
        if user_answer == correct_answer:
            result_label.config(image=anh_dung)
        else:
            result_label.config(image=anh_sai)
    except ValueError:
        result_label.config(text="Vui lòng nhập một số nguyên")

anh_dung = PhotoImage(file="meomeolike.png")
anh_sai = PhotoImage(file="meomeokhoc.png")

label_hien_thi_cau_hoi = Label(window, text="")
label_hien_thi_cau_hoi.place(x=20, y=10)

label_hien_thi_nhap = Label(window, text="Nhập kết quả vào đây:")
label_hien_thi_nhap.place(x=20, y=50)

entry_nhap = Entry(window)
entry_nhap.place(x=20, y=80)

button_check = Button(window, text="Check kết quả", command=kiem_tra_ket_qua)
button_check.place(x=20, y=120)

button_cau_moi = Button(window, text="Câu mới", command=cau_hoi)
button_cau_moi.place(x=150, y=120)

result_label = Label(window)
result_label.place(x=20, y=150)

cau_hoi()

window.mainloop()
```

Kết quả sai:

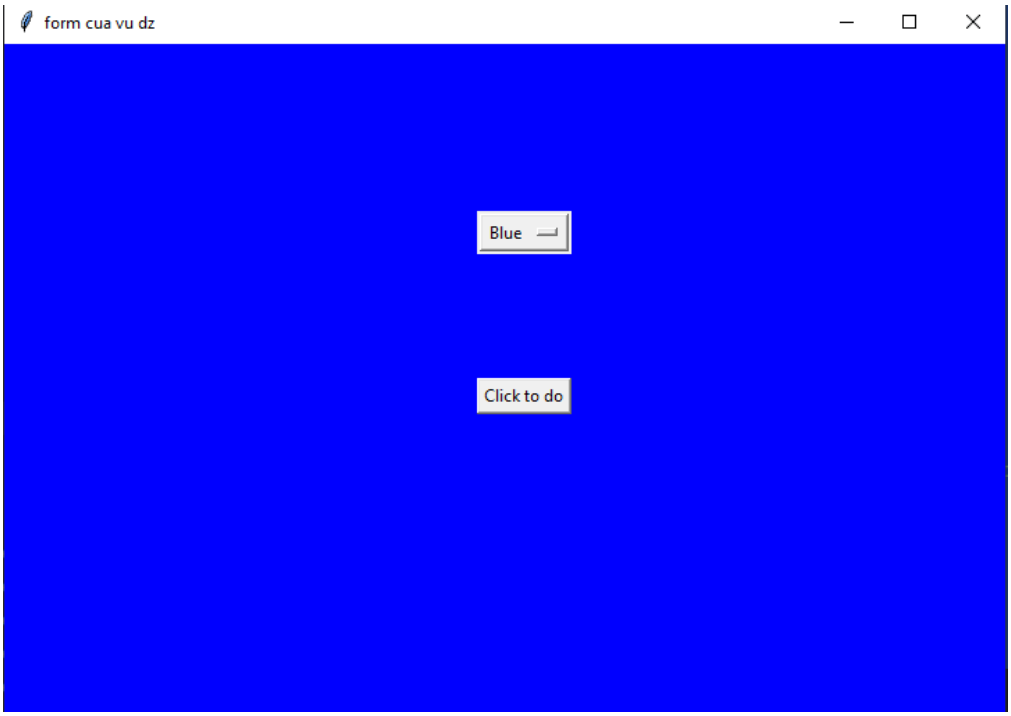
Kết quả đúng:

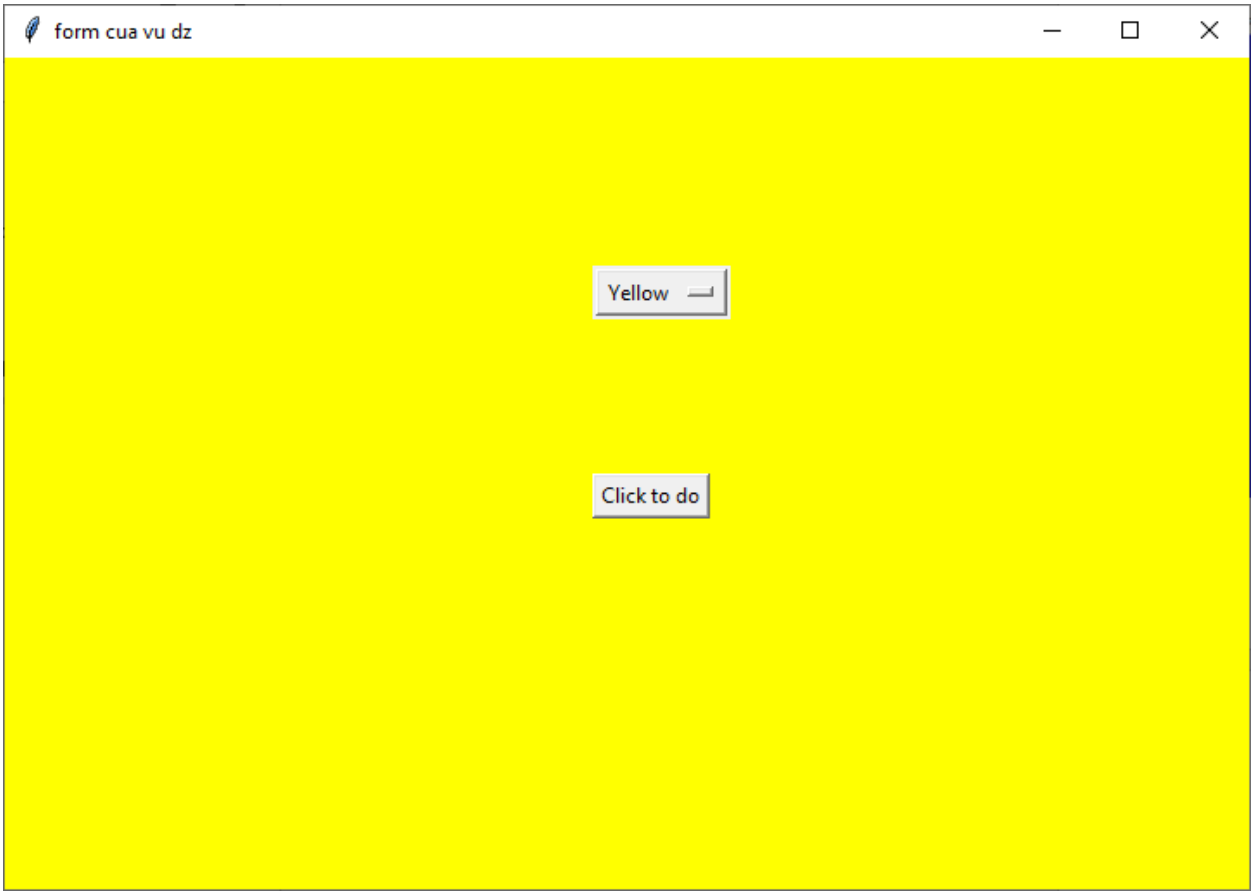


Câu 3:

```
from tkinter import *

window = Tk()
window.geometry("720x480")
window.title("form cua vu dz")

def doi_mau():
    mau = select_name.get()
    if mau == "Blue":
        window.configure(background="blue")
    elif mau == "Red":
        window.configure(background="red")
    elif mau == "Yellow":
        window.configure(background="yellow")
    elif mau == "Black":
        window.configure(background="black")
    elif mau == "Green":
        window.configure(background="green")

select_name = StringVar(window)
select_name.set("Chon mau sac")
nameList = OptionMenu(window, select_name, "Blue", "Red", "Yellow", "Black",
"Green")
nameList.place(x=340, y=120)

button_click = Button(window, text="Click to do", command=doi_mau)
button_click.place(x=340, y=240)

window.mainloop()
```

Kết quả:

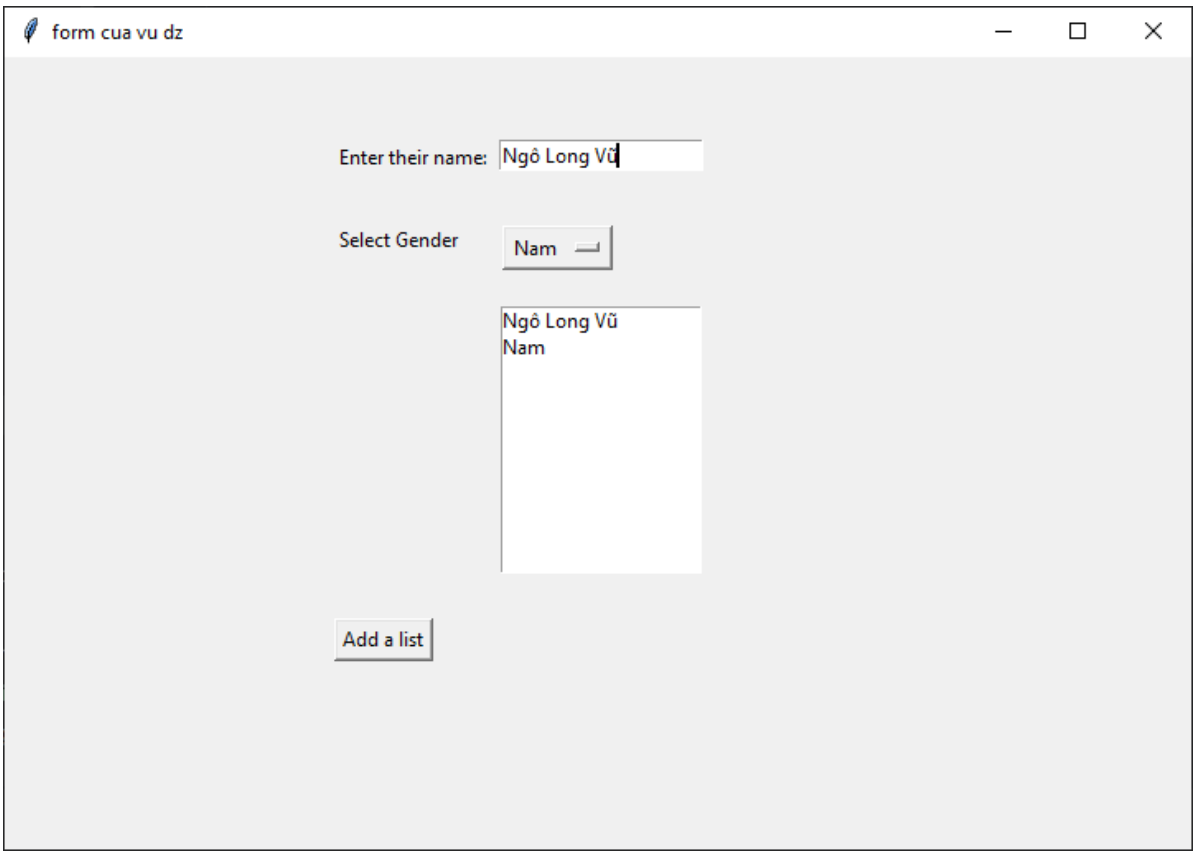



form cua vu dz
Yellow
Click to do

Câu 4:

```
from tkinter import *

window = Tk()
window.geometry("720x480")
window.title("form cua vu dz")

def add_name():
    name = entry1.get()
    gioitinh = select_name.get()
    list_box.insert(END, f"{name}", f"{gioitinh}")


label1 = Label(window, text="Enter their name: ")
label1.place(x=200, y=50)

entry1 = Entry()
entry1.place(x=300, y=50)

label2 = Label(window, text="Select Gender ")
label2.place(x=200, y=100)

select_name = StringVar(window)
select_name.set("M/F")
nameList = OptionMenu(window, select_name, "Nam", "Nu")
nameList.place(x=300, y=100)

list_box = Listbox()
list_box.place(x=300, y=150)

button_click = Button(window, text="Add a list", command=add_name)
button_click.place(x=200, y=340)

window.mainloop()
```

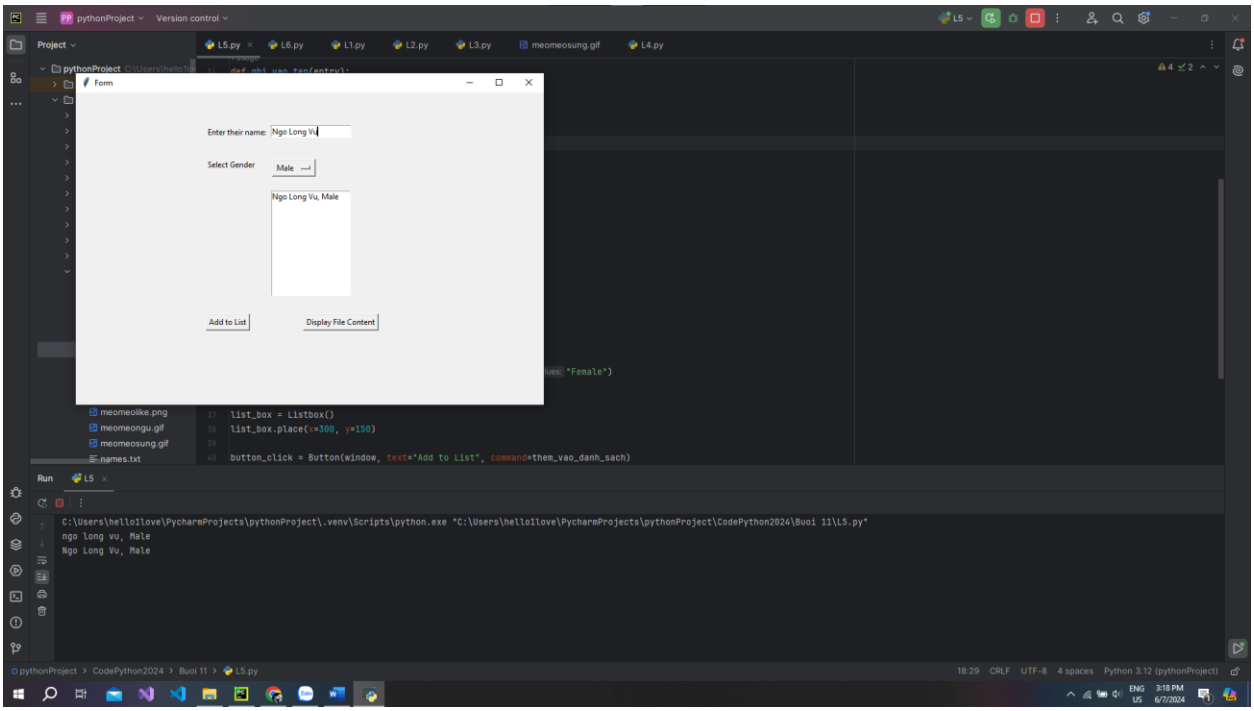
Kết quả:


form cua vu dz
Enter their name:
Ngô Long Vũ
Select Gender
Nam
Ngô Long Vũ
Nam
Add a list

Câu 5:

```
from tkinter import *

window = Tk()
window.geometry("720x480")
window.title("Form")

def them_vao_danh_sach():
    name = entry1.get()
    gender = select_name.get()
    full_entry = f"{name}, {gender}"
    list_box.insert(END, full_entry)
    ghi_vao_tep(full_entry)

def ghi_vao_tep(entry):
    with open("names.txt", "a") as file:
        file.write(entry + "\n")

def hien_thi_noi_dung_tep():
    with open("names.txt", "r") as file:
        content = file.read()
        print(content)

label1 = Label(window, text="Enter their name: ")
label1.place(x=200, y=50)

entry1 = Entry()
entry1.place(x=300, y=50)

label2 = Label(window, text="Select Gender ")
label2.place(x=200, y=100)

select_name = StringVar(window)
select_name.set("Male/Female")
nameList = OptionMenu(window, select_name, "Male", "Female")
nameList.place(x=300, y=100)

list_box = Listbox()
list_box.place(x=300, y=150)

button_click = Button(window, text="Add to List", command=them_vao_danh_sach)
button_click.place(x=200, y=340)

display_button = Button(window, text="Display File Content",
command=hien_thi_noi_dung_tep)
display_button.place(x=350, y=340)

window.mainloop()
```

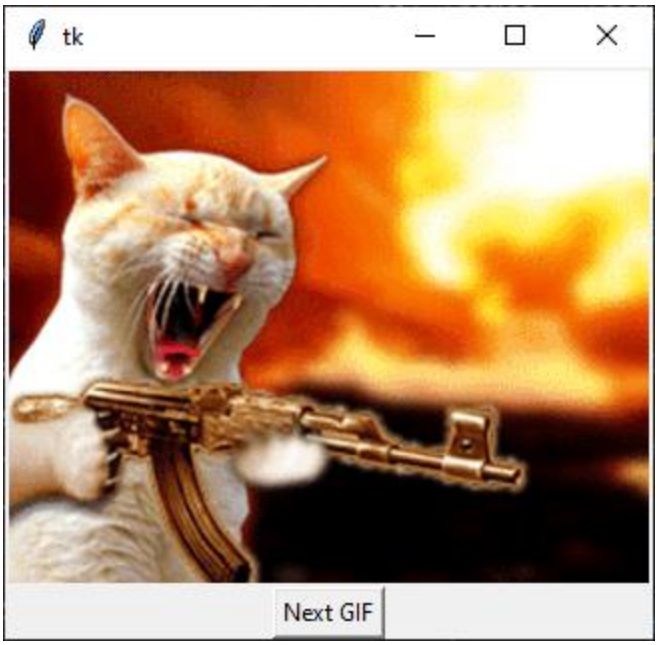
kết quả:


Form
Enter their name:
Ngo Long Vu
Select Gender
Male
Ngo Long Vu, Male
Add to List
Display File Content
list_box = Listbox()
list_box.place(x=300, y=150)
button_click = Button(window, text="Add to List", command=them_vao_danh_sach)
C:\Users\hello1love\PycharmProjects\pythonProject\.venv\Scripts\python.exe "C:\Users\hello1love\PycharmProjects\pythonProject\CodePython2024\Buoi 11\L5.py"
ngo long vu, Male
Ngo Long Vu, Male

Câu 6:

```
from tkinter import *
from PIL import Image, ImageTk
import os

window = Tk()

image_label = Label(window)
image_label.pack()

# Danh sách chứa đường dẫn của tất cả tệp GIF
gif_paths = ["meomeosung.gif", "meomeongu.gif", "meomeokis.gif"]

# Khởi tạo chỉ mục của GIF hiện tại
current_gif_index = 0

def load_gif(gif_path):
    gif = Image.open(gif_path)
    frames = []
    for frame in range(gif.n_frames):
        gif.seek(frame)
        frames.append(ImageTk.PhotoImage(gif))
    return frames

gif_frames = load_gif(gif_paths[current_gif_index])

def update(index):
    frame = gif_frames[index]
    image_label.configure(image=frame)
    window.after(50, update, (index + 1) % len(gif_frames))

if gif_frames:
    window.after(0, update, 0)
else:
    print("Không thể tải ảnh GIF.")

def next_gif():
    global current_gif_index, gif_frames
    current_gif_index = (current_gif_index + 1) % len(gif_paths)
    gif_frames = load_gif(gif_paths[current_gif_index])
    update(0)

next_button = Button(window, text="Next GIF", command=next_gif)
next_button.pack()

window.mainloop()
```

Kết quả:


tk
Next GIF

tk
Lại đây tao bảo !
JOK.VN
Next GIF