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In [10]: import requests

def get_breeds():
    response = requests.get("https://dog.ceo/api/breeds/list/all")
    if response.status_code == 200:
        breeds = response.json()["message"]
        return breeds
    else:
        return None

def get_breed_image(breed):
    response = requests.get(f"https://dog.ceo/api/breed/{breed}/images/random")
    if response.status_code == 200:
        image_url = response.json()["message"]
        return image_url
    else:
        return None

def main():
    breeds = get_breeds()
    if not breeds:
        print("Failed to retrieve breeds list.")
        return

    while True:
        user_input = input("Enter a dog breed (or type 'done' to exit): ").lower()

        if user_input == "done":
            break

        if user_input in breeds:
            image_url = get_breed_image(user_input)
            if image_url:
                print(f"Here is an image of a {user_input}: {image_url}")
            else:
                print("Failed to retrieve image. Try again!")
        else:
            print("Try again!")

if __name__ == "__main__":
    main()

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Here is an image of a maltese: https://images.dog.ceo/breeds/maltese/n02085936_2636.jpg

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In [11]: import requests
from PIL import Image
from io import BytesIO
import matplotlib.pyplot as plt

# URL of the image
image_url = "https://images.dog.ceo/breeds/maltese/n02085936_2636.jpg"

# Fetch the image
response = requests.get(image_url)

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img = Image.open(BytesIO(response.content))

# Display the image
plt.imshow(img)
plt.axis('off') # Hide axes
plt.show()
```



In []: