import random

import string

import os

**# Friendly word lists**

adjectives = ["Cool", "Happy", "Lazy", "Fast", "Clever", "Brave",

             "Shy", "Funky", "Sneaky", "Witty", "Jolly", "Mighty"]

nouns = ["Tiger", "Ninja", "Pirate", "Robot", "Wizard", "Panda",

        "Unicorn", "Dragon", "Phoenix", "Knight", "Explorer", "Samurai"]

def generate\_username(length=10, use\_numbers=True, use\_special\_chars=False):

    """Create a fun, memorable username"""

    adj = random.choice(adjectives)

    noun = random.choice(nouns)

    base = adj + noun

    # Add some extra flair if requested

    extras = []

    if use\_numbers:

        extras.append(''.join(random.choices(string.digits, k=2)))

    if use\_special\_chars:

        extras.append(random.choice("!@#$%^&\*"))

    # Combine everything and make sure it's the right length

    username = (base + ''.join(extras))[:length]

    # If we're too short, add some random letters

    if len(username) < length:

        needed = length - len(username)

        username += ''.join(random.choices(string.ascii\_lowercase, k=needed))

    return username

def save\_username(username, filename="cool\_usernames.txt"):

    """Save your awesome username with care"""

    try:

        # Create the file if it doesn't exist

        if not os.path.exists(filename):

            open(filename, 'w').close()

        # Save the username

        with open(filename, "a") as f:

            f.write(username + "\n")

        return True

    except PermissionError:

        print("\n⚠ Oops! I can't save to that file.")

        print("Maybe try:")

        print("- Saving to your Documents folder instead")

        print("- Checking if the file is open elsewhere")

        print("- Running this program as administrator")

        return False

    except Exception as e:

        print(f"\n😅 Something went wrong: {str(e)}")

        return False

def main():

    print("🌟 Awesome Username Generator 🌟")

    print("Let's create some unique usernames for you!\n")

    try:

        print("How many usernames would you like? (e.g., 5)")

        num\_usernames = max(1, int(input("> ")))

        print("\nHow long should they be? (minimum 6 characters)")

        length = max(6, int(input("> ")))

        print("\nWould you like to include numbers? (yes/no)")

        use\_numbers = input("> ").lower() in ['y', 'yes']

        print("\nHow about special characters? (yes/no)")

        use\_special = input("> ").lower() in ['y', 'yes']

    except ValueError:

        print("\n🚫 Please enter numbers when asked for quantities")

        return

    print("\n✨ Generating your usernames... ✨\n")

    saved\_count = 0

    for i in range(num\_usernames):

        username = generate\_username(length, use\_numbers, use\_special)

        print(f"{i+1}. {username}")

        if save\_username(username):

            saved\_count += 1

    print("\n✅ All done!")

    print(f"Successfully saved {saved\_count} of {num\_usernames} usernames to 'cool\_usernames.txt'")

    if saved\_count < num\_usernames:

        print("\nNote: Some usernames weren't saved due to file issues.")

        print("You can copy them manually if you'd like to keep them!")

if *\_name\_* == "*\_main\_*":

    main()