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import random

import string

# Lists of adjectives and nouns

adjectives = ["Cool", "Happy", "Fast", "Brave", "Smart", "Mighty", "Clever", "Jolly"]
nouns = ["Tiger", "Eagle", "Lion", "Cheetah", "Panther", "Wolf", "Falcon", "Hawk"]

def generate_username(include_numbers=True, include_special_chars=False, length=None):
    """Generate a random username based on user preferences."""
    adj = random.choice(adjectives)
    noun = random.choice(nouns)
    username = adj + noun

    if include_numbers:
        username += str(random.randint(10, 99)) # Append random 2-digit number

    if include_special_chars:
        username += random.choice(string.punctuation) # Append a random special character

    if length:
        username = username[:length] # Trim the username to the specified length

    return username

def save_username_to_file(username, filename="usernames.txt"):
    """Save the generated username to a text file."""
    with open(filename, "a") as file:
        file.write(username + "\n")

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def main():

    print("Welcome to the Random Username Generator!")

    # Get user preferences

    include_numbers = input("Include numbers? (yes/no): ").strip().lower() == "yes"

    include_special_chars = input("Include special characters? (yes/no): ").strip().lower() ==
"yes"

    length = input("Enter desired length (or press Enter to skip): ").strip()

    length = int(length) if length.isdigit() else None

    # Generate username

    username = generate_username(include_numbers, include_special_chars, length)

    print(f"Generated Username: {username}")

    # Save username to file

    save_username_to_file(username)

    print("Username saved to 'usernames.txt'.")

if __name__ == "__main__":

    main()
```

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Include numbers? (yes/no): yes
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```
1 FastFalcon64\  
2 |
```



```
Generated Username: FastFalcon64  
\nUsername saved to 'usernames.txt'  
'.
```