

PYTHON PROGRAMMING INTERNSHIP PROJECT 1

Project Title: Random Username Generator

Objective: The goal of this project is to create a Python program that generates unique and fun usernames suitable for social media or gaming platforms.

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Batch: 5th February 2025

Duration: 3months

Code:

```
import random

adjectives = ["Happy", "Cool", "Brave", "Clever", "Swift", "Mighty"]
nouns = ["Tiger", "Dragon", "Falcon", "Wolf", "Panther", "Shark"]

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

num = int(input("How many usernames do you want to generate? "))

use_numbers = input("Do you want numbers in the username? (yes/no) ")
use_specials = input("Do you want special characters in the username? (yes/no) ")
length = int(input("Enter the maximum length of the username: "))

usernames = []

for i in range(num):
    adj = random.choice(adjectives)
    noun = random.choice(nouns)
    username = adj + noun

    if use_numbers.lower() == "yes":
        username += str(random.randint(10, 99))

    if use_specials.lower() == "yes":
        username += random.choice("!@#$%^&*")

    username = username[:length]
    usernames.append(username)

print("\nHere are your usernames:")

for name in usernames:
```

```
print(name)

save = input("Do you want to save these usernames to a file? (yes/no) ")

if save.lower() == "yes":
    file = open("usernames.txt", "a")
    for name in usernames:
        file.write(name + "\n")
    file.close()
    print("Usernames saved to 'usernames.txt'!")

print("Thanks for using the Random Username Generator!")
```

Output: 1

```
PS C:\Users\AARYA> & C:/Users/AARYA/AppData/Local/Microsoft/WindowsApps/python3.12.exe
c:/Users/AARYA/OneDrive/desktop/Motioncut/username_generator.py
```

Welcome to the Random Username Generator!

How many usernames do you want to generate? 5

Do you want numbers in the username? (yes/no) no

Do you want special characters in the username? (yes/no) no

Enter the maximum length of the username: 4

Here are your usernames:

Happ

Migh

Brav

Swif

Swif

Do you want to save these usernames to a file? (yes/no) yes

Usernames saved to 'usernames.txt'!

Thanks for using the Random Username Generator!

Output: 2

```
PS C:\Users\AARYA> & C:/Users/AARYA/AppData/Local/Microsoft/WindowsApps/python3.12.exe  
c:/Users/AARYA/OneDrive/desktop/Motioncut/username_generator.py
```

Welcome to the Random Username Generator!

How many usernames do you want to generate? 3

Do you want numbers in the username? (yes/no) no

Do you want special characters in the username? (yes/no) no

Enter the maximum length of the username: 8

Here are your usernames:

BraveFal

CleverTi

BraveWol

Do you want to save these usernames to a file? (yes/no) yes

Usernames saved to 'usernames.txt'!

Thanks for using the Random Username Generator!