



## **TASK 3 : PASSWORD GENERATOR**

```
import random
import string
def password_strength(pwd):
    if len(pwd) >= 12:
        return "Strong Password"
    elif len(pwd) >= 8:
        return "Medium Password"
    else:
        return "Weak Password"
print("\n-----PASSWORD GENERATOR-----")
length = int(input("Enter password length: "))
characters = string.ascii_letters + string.digits + string.punctuation
password = "".join(random.choice(characters) for _ in range(length))
print("\nGenerated Password:", password)
print("Strength:", password_strength(password))
```

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===== RESTART: C:/Users/aksha/OneDrive/codsoft Internship tasks/task3.py =====

-----PASSWORD GENERATOR-----

Enter password length: 4

Generated Password: ^sqy

Strength: Weak Password

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===== RESTART: C:/Users/aksha/OneDrive/codsoft Internship tasks/task3.py =====

-----PASSWORD GENERATOR-----

Enter password length: 8

Generated Password: tFRqq:Np

Strength: Medium Password

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===== RESTART: C:/Users/aksha/OneDrive/codsoft Internship tasks/task3.py =====

-----PASSWORD GENERATOR-----

Enter password length: 12

Generated Password: e.w+^YBZqH\c

Strength: Strong Password

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