import random

import string

def generate\_password(length=12):

characters = string.ascii\_letters + string.digits + string.punctuation

password = ''.join(random.choice(characters) for i in range(length))

return password

def generate\_multiple\_passwords(num\_passwords, length=12):

passwords = [generate\_password(length) for \_ in range(num\_passwords)]

return passwords

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

num\_passwords = int(input("Enter the number of passwords to generate: "))

password\_length = int(input("Enter the length of each password: "))

generated\_passwords = generate\_multiple\_passwords(num\_passwords, password\_length)

print("\nGenerated Passwords:")

for password in generated\_passwords:

print(password)