import random

import string

def generate\_password(length):

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

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

return password

try:

length = int(input("Enter the desired password length: "))

if length < 1:

print("Please enter a valid length greater than 0.")

else:

password = generate\_password(length)

print(f"Generated Password: {password}")

except ValueError:

print("Invalid input. Please enter a numeric value.")