**PASSWORD GENERATOR**

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

def main():

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

if length <= 0:

print("Password length should be a positive integer.")

return

password = generate\_password(length)

print("Generated Password:", password)

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

main()