Password generator

import string

import secrets

def generate\_password(length=12):

# Define the character sets for the password

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

# Use secrets.choice() to generate a secure random password

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

return password

# Example: Generate a 16-character password

password = generate\_password(16)

print(password)