import random

letters=['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u']

numbers=['0','1','2','3','4','5','6','7','8','9']

symbols=['!','@','#','$','%','^','&','\*']

print("Welcome to password generator")

n\_letters=int(input("How many letters you want in your password?\n"))

n\_symbols=int(input("How many symbols you want in your password?\n"))

n\_numbers=int(input("How many numbers you want in your password?\n"))

password\_list=[]

for i in range(1,n\_letters+1):

char=random.choice(letters)

password\_list+=char

for i in range(1,n\_symbols+1):

char=random.choice(numbers)

password\_list+=char

for i in range(1,n\_numbers+1):

char=random.choice(numbers)

password\_list+=char

print(password\_list)

random.shuffle(password\_list)

print(password\_list)

password=""

for char in password\_list:

password+=char

print(password)