import string

import random

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

s1 = string.ascii\_lowercase

# print(s1)

s2 = string.ascii\_uppercase

# print(s2)

s3 = string.digits

# print(s3)

s4 = string.punctuation

# print(s4)

plen = int(input("Enter password length\n")) #Todo1: Handle Gibberish

s = []

s.extend(list(s1))

s.extend(list(s2))

s.extend(list(s3))

s.extend(list(s4))

# print(s)

# random.shuffle(s)

# print(s)

print("Your password is: ")

print("".join(random.sample(s, plen)))

# print("".join(s[0:plen]))