**Task-3=Password**

import random

import string

def generate\_password(length):

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

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

return password

def main():

try:

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

if length < 1:

print("Password length should be at least 1 character.")

else:

password = generate\_password(length)

print("Generated Password:", password)

except ValueError:

print("Please enter a valid length (a positive integer).")

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

main()