2**.Password Complexity checker(Task-2)**

import re

def password\_complexity\_checker(password):

 length\_score = len(password) >= 8

    uppercase\_score = bool(re.search(r'[A-Z]', password))

    lowercase\_score = bool(re.search(r'[a-z]', password))

    number\_score = bool(re.search(r'[0-9]', password))

    special\_char\_score = bool(re.search(r'[!@#$%^&\*(),.?":{}|<>]', password))

    total\_score = length\_score + uppercase\_score + lowercase\_score + number\_score + special\_char\_score

    if total\_score == 5:

        return "Strong password"

    elif total\_score >= 3:

        return "Good password"

    else:

        return "Weak password"

password = input("Enter your password: ")

strength = password\_complexity\_checker(password)

print(f"Password strength: {strength}")