Hey MotionCut Interns!

Welcome to Week 1 of your Python Programming Internship! We're excited to have you on board. This week, your mission is to create your very own Password Generator.

Project: Password Generator

Details:

Your task is to design and build a Python program that generates strong, secure passwords. These passwords should meet modern security standards and be suitable for various applications.

CODE:

import re

while(1):

pattern1 =r"[a-zA-Z0-9\_\-\.]+@[a-z]+[\.]+[a-z]{2,3}"

email = input("Enter your email: ")

result1=re.findall(pattern1,email)

if (result1):

print("valid email id")

break

else:

print("invalid email id")

while(1):

pattern = r"^(?=.\*\d)(?=.\*[A-Z])(?=.\*[a-z])(?=.\*[@?#$%^&+=]).{8,20}$"

password = input("Enter Password: ")

result=re.findall(pattern, password)

if (result):

print("Password is valid")

break

else:

print("Password is not valid")

print("your email is",result1)

print("your password is",result)

print("TAKE A SCREENSHOT")