***Password Generation***

***Coding:***

import random

lower="abcdefghijklmnopqrstuvwxyz"

upper="ABCDEFGHIJKLMNOPQRSTUVWXYZ"

number="1234567890"

symbool="~`!@#$%^&\*(){}:\|[],.<>;'/?=+-\_"

all\_characters=lower+upper+number+symbool

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

password="".join(random.sample(all\_characters,length))

print("Generated password=",password)

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***Explanation:***

In this coding we can generate a password by giving length of the password as a input.Usually passwords are set by their owner according to their convenience by including components like alphabets,numbers and symbols.For generating a password by using different characters, we insert the alphabets in both lowercase and uppercase,numbers and symbools as inbuilt variables.By using this coding we can generate a password by just giving the length of the password.

