PASSWORD GENERATOR

Code :-

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 :-

By using this program a password can be generated by giving the required length if the password .Usually passwords are set by the users according to their convenience by including components like alphabets,numbers and symbols.To generate a password by using different characters, we have inserted the alphabets in both lowercase and uppercase,numbers and symbools as inbuilt variables.By using this coding we can generate a password by just mentioning the length of the password.