

```
Import random
Up_letters="ABCDEFGHIJKLMNOPQRSTUVWXYZ"
Low_letters="abcdefghijklmnopqrstuvwxyz"
Num="0123456789"
Symbols="@#*~&.-+;!?()/$_%"
Print("Welcome to the password generator")
A=int(input("How many Upper case letters you want in your password:"))
B=int(input("How many lower case letters you want in your password:"))
C=int(input("How many number you want in your password:"))
D=int(input("How many Symbols you want in your password:"))
Password=' '
For I in range(1,a+1):
    Char=random.choice(up_letters)
    Password+=char
For I in range(1,b+1):
    Char=random.choice(low_letters)
    Password+=char
For I in range(1,c+1):
    Char=random.choice(num)
    Password+=char
For I in range(1,d+1):
    Char=random.choice(symbols)
    Password+=char
Print("Your password is:",Password)
```