

PYTHON MINI PROJECT NO 4

SUBMITTED BY:SAI AKSHAY AKULA

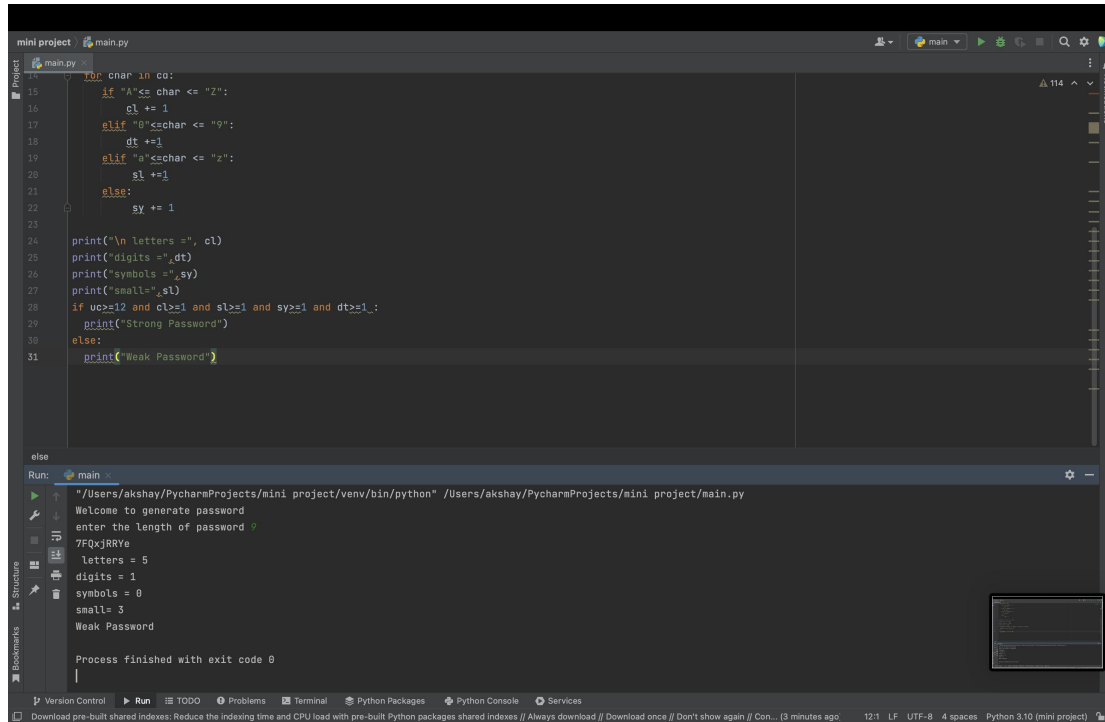
REGISTRATION NO:12218863

ROLL:76 , SECTION:K22WN

SUBMITTED TO:DHIRAJ KAPILA

```
mini project / main.py
1 import random
2 print("Welcome to generate password")
3 ucs=input("enter the length of password"))
4 cc=["A","B","C","D","E","F","G","H","I","J","K","L","M","N","O","P","Q","R","S","T","U","V","W","X","Y","Z","a","b","c","d","e","f","g","h","i","j","k","l","m","n","o","p","q","r","s","t","u","v","w","x","y","z"]
5
6 cl = 0
7 sl=0
8 dt = 0
9 sy = 0
10
11 for i in range(0,ucs):
12     cd=random.choice(cc)
13     print(cd,end="")
14     for char in cd:
15         if "A" <= char <= "Z":
16             cl += 1
17         elif "a" <= char <= "z":
18             dt += 1
19         elif "0" <= char <= "9":
20             sl += 1
21         else:
22             sy += 1
23
24 print("\n letters =", cl)
25 print("digits =",dt)
26 print("symbols =",sy)
27 print("small=",sl)
28 if uc>=12 and cl>=1 and sl>=1 and sy>=1 and dt>=1:
29     print("Strong Password")
30 else:
31     print("Weak Password")
```

OUTPUT:



The screenshot displays a code editor with a Python script in `main.py` and its execution output in the Run console.

Code in `main.py`:

```
14 for char in co:
15     if "A" <= char <= "Z":
16         cl += 1
17     elif "0" <= char <= "9":
18         dt += 1
19     elif "!" <= char <= "z":
20         sl += 1
21     else:
22         sy += 1
23
24 print("\n Letters =", cl)
25 print(" Digits =", dt)
26 print(" Symbols =", sy)
27 print(" Small =", sl)
28 if uc >= 12 and cl >= 1 and sl >= 1 and sy >= 1 and dt >= 1:
29     print("Strong Password")
30 else:
31     print("Weak Password")
```

Run Console Output:

```
"/Users/akshay/PycharmProjects/mini project/venv/bin/python" /Users/akshay/PycharmProjects/mini project/main.py
Welcome to generate password
enter the length of password 7
7FqxjRRYe
Letters = 5
Digits = 1
Symbols = 0
Small = 3
Weak Password

Process finished with exit code 0
```

The Run console also shows the file path and status: `Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Download once // Don't show again // Con... (3 minutes ago) 12:1 LF UTF-8 4 spaces Python 3.10 (mini project)`