

CODE FOR CRAFTING RANDOMISED PASSWORDS FOR DIGITAL DEFENSE

```
import random, string
```

```
number_of_passwords = int(input("How many passwords do you want to generate? "))
```

```
password_length = int(input("Provide the password length: "))
```

```
characters = string.ascii_letters + string.digits + string.punctuation
```

```
for password_index in range(number_of_passwords):
```

```
    password = ""
```

```
    for index in range(password_length):
```

```
        password = password + random.choice(characters)
```

```
    print("Password {} generated: {}".format(password_index, password))
```

OUTPUT: -



```
IDE Shell 3.12.2
File Edit Shell Debug Options Window Help
Python 3.12.2 (tags/v3.12.2:6abdd99, Feb 6 2024, 21:26:36) [AMD64] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
----- RESTART: C:\Users\Vishnu\Desktop\password 2 for os.py -----
How many passwords do you want to generate? 40
Provide the password length: 6
Password 0 generated: 0A0iK-
Password 1 generated: fL AQc
Password 2 generated: jIob-X
Password 3 generated: 3u4fFl
Password 4 generated: ,ClVM4
Password 5 generated: TRp-rM
Password 6 generated: 7.72z-
Password 7 generated: -'qJcI
Password 8 generated: uCl09R
Password 9 generated: tliqi/
Password 10 generated: <bnqBQ
Password 11 generated: bixRM'
Password 12 generated: sUX9nI
Password 13 generated: iG'fMA
Password 14 generated: -xke7
Password 15 generated: b3C-u0
Password 16 generated: >nIe0:
Password 17 generated: jIcI0z
Password 18 generated: 5ng1Y2
Password 19 generated: 'Uwzi-
Password 20 generated: W7Tz.r
Password 21 generated: 'j'quj3
Password 22 generated: 0i4+1w
Password 23 generated: lXN\qn
Password 24 generated: 74pV~<
Password 25 generated: /s1-T
Password 26 generated: -3BA'
Password 27 generated: nO'hFe
Password 28 generated: qk6uQq
Password 29 generated: GZgm*,
Password 30 generated: Y2D9~)
Password 31 generated: 6up1W
Password 32 generated: 4T21.4
Password 33 generated: MFd0p2
Password 34 generated: lEXvxf
Password 35 generated: nRlx".
Password 36 generated: 8*DeJ
Password 37 generated: -HTV\~
Password 38 generated: X0Mw\i
Password 39 generated: nym-Jd
Password 40 generated: cra0Ve
Ln: 87 Col: 0
```