

# Forum:[Hack Forums](#)

Thread: [Secure password generator](#)

**??yp?? S???** - August 25, 2015, 3:14 pm

Code `#!/usr/bin/env python`

`import random`

`import string`

`import os`

`import time`

`import sys`

`try:`

`os.system('clear')`

`times = 0`

`def randomword():`

`s = string.uppercase+string.digits+string.lowercase+string.punctuation`

`ring = ''.join(random.sample(s,20))`

`print ring`

`while times < 5:`

`randomword()`

`times += 1`

`time.sleep(0.5)`

`except KeyboardInterrupt:`

`sys.exit(0) # or 1, or whatever` This is a secure password generator, output:

Code P-k8~}jsu] %+l1p6XAr\_

=s;R7UFkbAfEW/S]](:

\BMZ;<o/+dJ!V}"f#?.

&y`ol-q/a+:!3~u)xgSF

#AJ`quLwxUN\_SBV!~g&D

**SIM-1866423** - August 25, 2015, 5:02 pm

You can't remember this so which is mean you must save it anywhere ... And saving ur password anywhere,ummm? Unsecure lol.

**Shoe** - August 25, 2015, 7:48 pm

(Aug 25, 2015 05:02 PM)b3mb4m Wrote: [\[CITE\]](#) You can't remember this so which is mean you must save it anywhere ... And saving ur password anywhere,uhhh? Unsecure lol.

You're thinking secure as in "can't be stolen or keylogged" - I believe OP means as in "can't be cracked." Logically these can be cracked but not within a human life.

**??yp?? S???** - August 26, 2015, 12:14 am

(Aug 25, 2015 05:02 PM)b3mb4m Wrote: [\[CITE\]](#) You can't remember this so which is mean you must save it anywhere ... And saving ur password anywhere,uhhh? Unsecure lol.

you can tweak the settings , remove string.punctuation and you have secure passwords but you can still remember it,

**Introvert** - August 26, 2015, 1:54 am

Cool share, but your program can be written as one line of code...

PHP Code

`<?php`

```
for s in map(lambda x: ''.join(__import__('random').sample(x, 20)), ['abcdefghijklmnopqrstuvwxyz'+
'ABCDEFGHIJKLMNOPQRSTUVWXYZ'+'0123456789'+'!"#$%&\'()*+,-./:;<=>?@[\\]^_`{|}~'] * 5
): print s
```

**zmetra** - August 26, 2015, 5:44 pm

(Aug 26, 2015 01:54 AM)Introvert Wrote: [\[CITE\]](#) Cool share, but your program can be written as one line of code...

PHP Code

```
<?php
for s in map(lambda x: ''.join(__import__('random').sample(x, 20)), ['abcdefghijklmnopqrstuvwxyz'+
'ABCDEFGHIJKLMNOPQRSTUVWXYZ'+'0123456789'+'!"#$%&\'()*+,-./:;<=>?@[\\]^_`{|}~'] * 5
): print s
```

You could use an ASCII table chart to map the int representation of each character you specified and covert it to char starting from 33 to 125.

Code for s in range(5): print ''.join(random.sample([chr(c) for c in range(33,125)], 20))

Which does the same, and no need for map, lambda, and string concatenation.

**Goodies** - August 26, 2015, 8:03 pm

A secure password generator would choose a random string of concatenated words.

Telephone\$Mothership!

That is a secure password. It's incredibly easy to remember, incredibly entropic, and incredibly difficult to brute force.

> inb4 my accounts get locked out while people think that's my actual password

**Introvert** - August 27, 2015, 3:47 am

(Aug 26, 2015 05:44 PM)zmetra Wrote: [\[CITE\]](#) You could use an ASCII table chart to map the int representation of each character you specified and covert it to char starting from 33 to 125.

Code for s in range(5): print ''.join(random.sample([chr(c) for c in range(33,125)], 20))

Which does the same, and no need for map, lambda, and string concatenation.

Wow. I hadn't even thought of that! I like it.