

MAIN PROJECT

CODE of a program that generates random characters as password for users – Python Programming

CODE:

```
import random
import string

upper = True
lower = True
nums = True
syms = True

all_chars = ""
if upper:
    all_chars += string.ascii_uppercase
if lower:
    all_chars += string.ascii_lowercase
if nums:
    all_chars += string.digits
if syms:
    all_chars += string.punctuation

length = 10
amount = 10

for _ in range(amount):
```

```
password = "".join(random.sample(all_chars, length))  
  
print(password)
```

OUTPUT:

```
In [3]: import random  
import string  
  
upper = True  
lower = True  
nums = True  
syms = True  
  
all_chars = ""  
if upper:  
    all_chars += string.ascii_uppercase  
if lower:  
    all_chars += string.ascii_lowercase  
if nums:  
    all_chars += string.digits  
if syms:  
    all_chars += string.punctuation  
  
length = 10  
amount = 5  
  
for _ in range(amount):  
    password = "".join(random.sample(all_chars, length))  
    print(password)  
  
rfIsu8R,eQ  
0$/fR7QTEp  
Z=a/\#{N~)  
7KPu6gqz3:  
z^3ZB+p54P
```