

```
In [1]: import random
import string

MAX_LEN = 12

digits = string.digits
locase_characters = string.ascii_lowercase
upcase_characters = string.ascii_uppercase
symbols = '@#$%=:?.|~>*()/<>'

combined_list = list(digits + upcase_characters + locase_characters + symbols)

rand_digit = random.choice(digits)
rand_upper = random.choice(upcase_characters)
rand_lower = random.choice(locase_characters)
rand_symbol = random.choice(symbols)

temp_pass = rand_digit + rand_upper + rand_lower + rand_symbol
random.shuffle(combined_list)
temp_pass += ''.join(random.sample(combined_list, MAX_LEN - 4))

password = ''.join(random.sample(temp_pass, len(temp_pass)))
print(password)
```

#C?h0rhE2U8J

```
In [2]: import random
import string

MAX_LEN = 12

digits = string.digits
locase_characters = string.ascii_lowercase
upcase_characters = string.ascii_uppercase
symbols = '@#$%=:?.|~>*()/<>'

combined_list = list(digits + upcase_characters + locase_characters + symbols)

rand_digit = random.choice(digits)
rand_upper = random.choice(upcase_characters)
rand_lower = random.choice(locase_characters)
rand_symbol = random.choice(symbols)

temp_pass = rand_digit + rand_upper + rand_lower + rand_symbol
random.shuffle(combined_list)
temp_pass += ''.join(random.sample(combined_list, MAX_LEN - 4))

password = ''.join(random.sample(temp_pass, len(temp_pass)))
print(password)
```

e?)M:#IY1xm<

```
In [3]: import random
import string

MAX_LEN = 12

digits = string.digits
locase_characters = string.ascii_lowercase
upcase_characters = string.ascii_uppercase
symbols = '@#$%=:?.|~>*()/<>'

combined_list = list(digits + upcase_characters + locase_characters + symbols)

rand_digit = random.choice(digits)
rand_upper = random.choice(upcase_characters)
rand_lower = random.choice(locase_characters)
rand_symbol = random.choice(symbols)

temp_pass = rand_digit + rand_upper + rand_lower + rand_symbol
random.shuffle(combined_list)
temp_pass += ''.join(random.sample(combined_list, MAX_LEN - 4))

password = ''.join(random.sample(temp_pass, len(temp_pass)))
print(password)
```

U@rHApQ6564n

```
In [4]: import random
import string

MAX_LEN = 12

digits = string.digits
locase_characters = string.ascii_lowercase
upcase_characters = string.ascii_uppercase
symbols = '@#$%=:?.|~>*()/<>'

combined_list = list(digits + upcase_characters + locase_characters + symbols)

rand_digit = random.choice(digits)
rand_upper = random.choice(upcase_characters)
rand_lower = random.choice(locase_characters)
rand_symbol = random.choice(symbols)

temp_pass = rand_digit + rand_upper + rand_lower + rand_symbol
random.shuffle(combined_list)
temp_pass += ''.join(random.sample(combined_list, MAX_LEN - 4))

password = ''.join(random.sample(temp_pass, len(temp_pass)))
print(password)
```

F50n2\$haBC=d

In [ ]: