

# Python password generator

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Make a Python program that generates secure random passwords to keep your account secure

0. Import libraries

```
import random
import string
```

1. Make a string of all possible characters in your password(UPPERCASE, lowercase, digits and punctuation!)

```
all_characters = string.ascii_lowercase + string.ascii_uppercase + string.digits + string.punctuation
```

2. Make a variable to store the input of the user for the length of password

```
password_length = int(input("Length of password: "))
```

3. Make a for loop

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

4. Randomly select a character and store it inside character

```
for i in range(password_length):
    character = random.choice(all_characters)
```

5. Output the character to the user

```
for i in range(password_length):
    character = random.choice(all_characters)
    print(character, end='')
```

6. Test it out

```
Z:\pycharm\passwordgeneo\venv\Script
```

```
Length of password:
```



Enter how long the password should be

Note: if you're not using a high end PC don't enter anything above 32765 or it might freeze

Seriously there's no need for a password exceeding 32765 characters

7. Send me the code once it works