# Random Password Generator

This Python script generates a random 20-character password using a combination of uppercase letters, lowercase letters, digits, and special characters. The generated password is then copied to the clipboard using the ‘pyperclip’ library and then terminates.

# Prerequisites:

Before running the script, ensure that you have Python installed. You can download this from <https://www.python.org/>

Additionally you will need to install the module ‘pyperclip’, use the following command:

pip install pyperclip

# How to use:

1. Open a terminal or command prompt
2. Navigate to the directory containing the python script
3. Run the script using the command: python PasswordGenerator.py
4. The script will run and generate a random password which will be of 20 characters, it will display in the console and copy to the clipboard.

# Customization:

To customize the length of the password generated by modifying ‘range(20)’ in line 8 of the PasswordGenerator.py file. For example: to generate a password of length 8 change range(20) to range(8).

Feel free to modify the contents of alphabet to include or exclude characters.

# Dependencies:

* [Pyperclip](https://pypi.org/project/pyperclip/) a cross-platform Python module for copy and paste clipboard functions.

# Disclaimer:

This is just for educational purposes only and no security is implied.

# Demo:

Example of code being ran 3 times:

A screenshot of a computer

Description automatically generated

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