

Random Password Generator

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Overview

A tool that automatically generates a password based on guidelines that you set to create strong and unpredictable passwords for each of your accounts.

Goals

1. Helps to generate random passwords in just a click
2. Every passwords are so unique that getting hacked is almost impossible
3. Character length can be from 1 to infinity
4. The password can be set weak,good or strong according to users likeness
5. You can copy your generated password with our copy button

Specifications

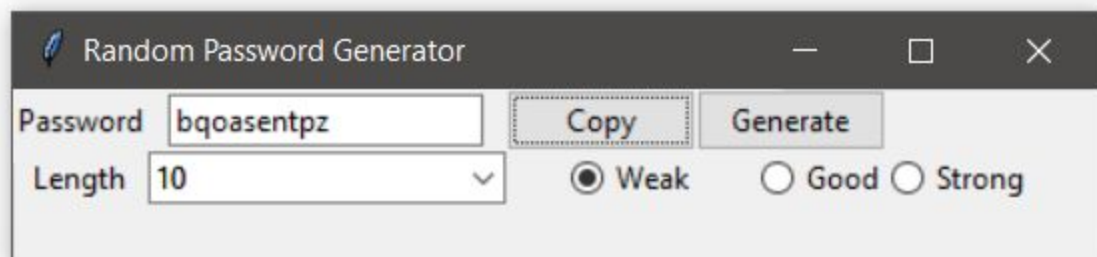
This helps users to generate random passwords which are much more secure than others. It automatically generates a password based on guidelines that you set to create strong and unpredictable passwords for the number of characters you require. You can copy your password by clicking on the copy button.

Application

This application is made up of Python combined with Tkinter GUI because it provides fast and easy way to create GUI applications. Pyperclip module is also used for the functioning of the copy button in the application.

Snapshots

I. Weak password of length 10 characters



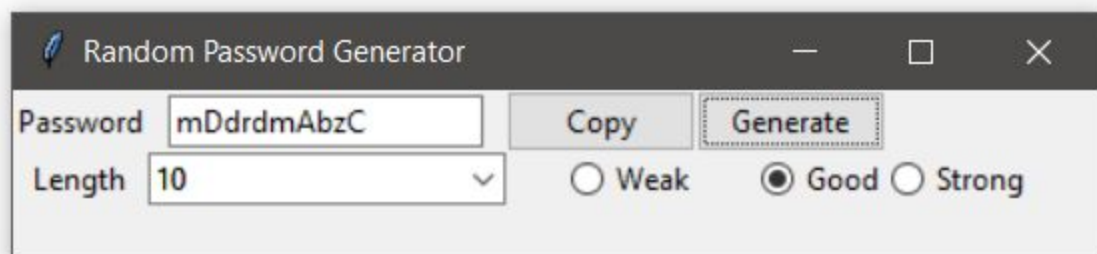
A screenshot of a 'Random Password Generator' window. The title bar includes a feather icon, the text 'Random Password Generator', and standard window controls. The interface has a dark header and a light body. The 'Password' field contains 'bqoasentpz'. The 'Length' dropdown is set to '10'. The 'Copy' button is highlighted with a dashed border. The 'Generate' button is to its right. Below the length dropdown, three radio buttons are present: 'Weak' (selected), 'Good', and 'Strong'.

Random Password Generator

Password

Length ☒ Weak ☐ Good ☐ Strong

II. Good password of length 10 characters



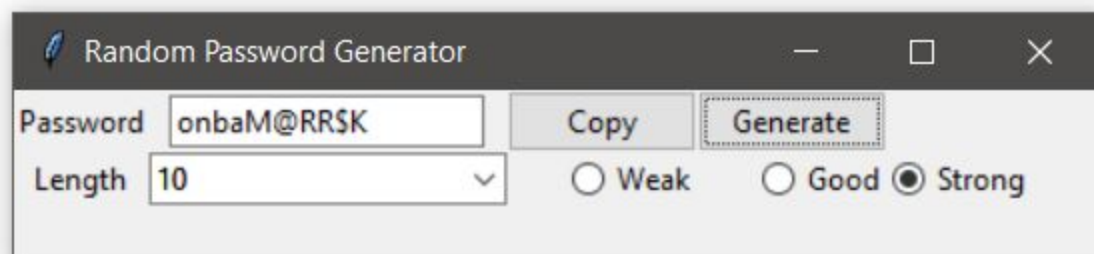
A screenshot of the 'Random Password Generator' window. The 'Password' field now contains 'mDdrdmAbzC'. The 'Length' dropdown remains at '10'. The 'Generate' button is now highlighted with a dashed border. The 'Good' radio button is selected.

Random Password Generator

Password

Length ☐ Weak ☒ Good ☐ Strong

III. Strong password of length 10 characters



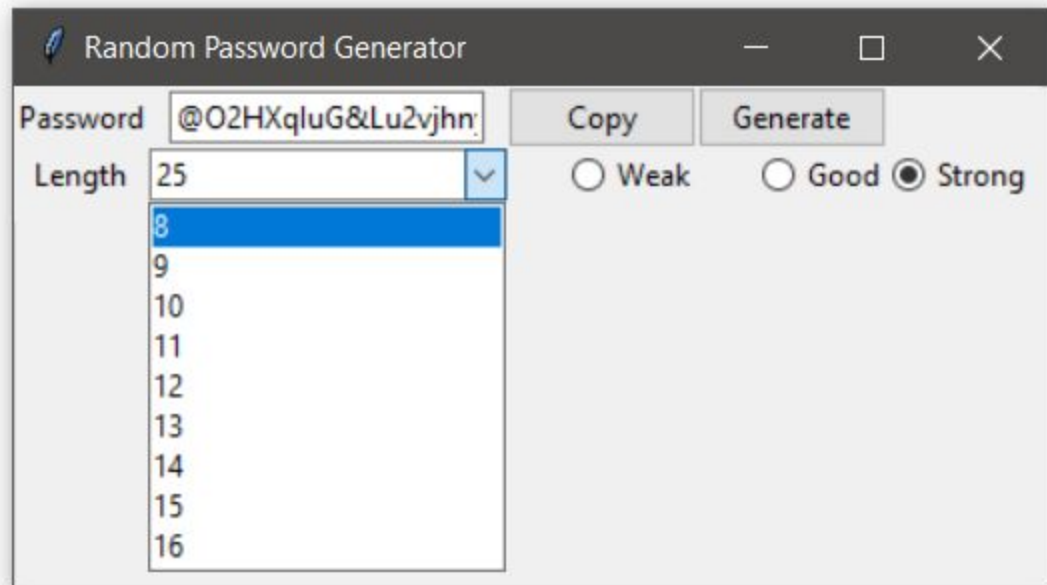
A screenshot of the 'Random Password Generator' window. The 'Password' field now contains 'onbaM@RR\$K'. The 'Length' dropdown remains at '10'. The 'Generate' button is highlighted with a dashed border. The 'Strong' radio button is selected.

Random Password Generator

Password

Length ☐ Weak ☐ Good ☒ Strong

IV. Option for selecting the length(or enter a number manually)



Application Link

Click on the link below to access the application.

<https://github.com/MuhammedJunaidK/Random-Password-Generator>