

# passwordgenerator

October 4, 2023

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[11]: from tkinter import *  
import random, string  
import pyperclip
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[12]: root = Tk()  
root.geometry("400x400")  
root.resizable(0,0)  
root.title("DataFlair - PASSWORD GENERATOR")
```

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[12]: ''
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[13]: Label(root, text = 'PASSWORD GENERATOR' , font = 'arial 15 bold').pack()  
Label(root, text = 'DataFlair', font = 'arial 15 bold').pack(side = BOTTOM)
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[14]: pass_label = Label(root, text = 'PASSWORD LENGTH', font = 'arial 10 bold').  
    ↪pack()  
pass_len = IntVar()  
length = Spinbox(root, from_ = 8, to_ = 32 , textvariable = pass_len , width = 15).pack()
```

```
[15]: pass_str = StringVar()  
def Generator():  
    password = ''  
  
    for x in range (0,4):  
        password = random.choice(string.ascii_uppercase) + random.choice(string.  
    ↪ascii_lowercase) + random.choice(string.digits) + random.choice(string.  
    ↪punctuation)  
        for y in range(pass_len.get()- 4):  
            password = password + random.choice(string.ascii_uppercase + string.  
    ↪ascii_lowercase + string.digits + string.punctuation)  
        pass_str.set(password)
```

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[16]: Button(root, text = "GENERATE PASSWORD" , command = Generator ).pack(pady= 5)  
  
Entry(root , textvariable = pass_str).pack()
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[17]: def Copy_password():  
        pyperclip.copy(pass_str.get())  
  
        Button(root, text = 'COPY TO CLIPBOARD', command = Copy_password).pack(pady=5)
```

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[ ]: root.mainloop()
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[ ]:
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