

fkos.py

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1
2
3
4 from tkinter import*
5 from tkinter import messagebox
6 import os
7 import platform
8 from math import*
9 import urllib.parse
10 import webbrowser
11 import urllib.parse
12 import time
13
14
15 # #6be4ce light colour #21d1b3 dark colour wallpaper colours
16 # #007166 default theme
17
18
19 def clickin(event):
20     if searchbar.get()=='Search Anything':
21         searchbar.delete(0,END)
22         searchbar.config(fg='black')
23 def clickout(event):
24     if searchbar.get()=='':
25         searchbar.insert(0,'Search Anything')
26         searchbar.config(fg="gray")
27
28 def search():
29     query = searchbar.get()
30     if query and query != 'Search Anything':
31         try:
32             url = "https://www.google.com/search?q=" + urllib.parse.quote(query) #convert the search in a+b+c format more url
33         friendly
34             webbrowser.open_new_tab(url) #open in new tab not new chrome
35         except Exception as e:
36             messagebox.showerror("Error", f"Could not open browser:\n{e}")
37     else:
38         messagebox.showerror("Error", 'Search something')
39
40
41 def fundang(): #afun easter egg just for whow may delete in future
42     dangwin=Toplevel()
43     dangwin.geometry("800x500+300+150")
44     dangwin.config(bg="#007166")
45     danglab=Label(dangwin,image=dangerpic,bg='#007166')
46     danglab2=Label(dangwin,text="WHY DID YOU OPENED IT ",font=(30),bg='#007166')
47     danglab3=Label(dangwin,text="WHY WHY WHY ... ",font=(30),bg='#007166')
48     danglab4=Label(dangwin,text="WHY YOU KILLED ME ",font=(30),bg='#007166')
49     danglab.pack(fill=BOTH)
50     danglab2.pack(fill=BOTH)
51     danglab3.pack(fill=BOTH)
52     danglab4.pack(fill=BOTH)
53
54     dangwin.update() # Force window to render before freezing bcs as soon as fucntion is loaded it freezes bcs of sleep
55     time.sleep(5)
56     quit()
57
58
59 def open_folder(path): #open actual path of folder
60     explorer = Toplevel()
61     explorer.title(f"Explorer - {os.path.basename(path)}") # Set window title as folder name f'{x}' is use to incoperate variable
62     in strig
63     explorer.geometry("800x500+300+150") # Size and position
64     explorer.config(bg="#007166") # FKOS theme
65     explorer.iconphoto(True, mypcpic) # Same icon as "My PC"
66     current_path = StringVar(value=path) # Track current folder path does like intvar stringvar is use to store dynamic text
67
68     listbox=Listbox(explorer,bg="#007166",font=('Segoe UI',18,'bold'),selectbackground='#21d1b3',relief="flat",
69     highlightthickness=0, bd=0)
70     listbox.pack(fill=BOTH, expand=True, padx=10, pady=10)
71     #fill=both will allow to listbox to expand in both side in window
72     #expand =true allow listbox to take as much space as required
73     #pad x/y adds padding as before

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72
73
74 def list_folder(p):
75     try:
76         files=os.listdir(p)    #get the content of folder
77     except:
78         messagebox.showerror("ERROR",f"file {p} not found")    #messagebox.showerror("title","message")
79         return
80     listbox.delete(0,END)    #clear old entries
81     for f in files:
82         listbox.insert(END,f)
83     current_path.set(p)    #update tracker to show which folder you re in
84
85
86 def double_click(event):
87     selected=listbox.get(listbox.curselection())    #what user double click
88     new_path=os.path.join(current_path.get(),selected)    #create full path
89
90     if os.path.isdir(new_path):    # checks if its a folder and if it is go inside
91         list_folder(new_path)
92     else:
93         try:
94             os.startfile(new_path)    #if files open by default
95         except:
96             messagebox.showerror("ERROR",f"File {new_path} can't be accessed")
97     listbox.bind("<Double-Button-1>",double_click)
98     list_folder(path)
99
100
101 def mypc():
102     pc=Toplevel()
103     fpic_local=PhotoImage(file='folder 100.png').zoom(2,2)
104     pc.config(background='#007166')
105     pc.geometry('1200x720+200+100')
106     pc.title('My pc')
107     pc.iconphoto(True,mypcpic)
108     folA=Button(pc,
109                 image=fpic_local,
110                 bg="#007166",activebackground='#007166',
111                 relief='flat',bd=0,highlightthickness=0,
112                 command=lambda:open_folder(r'F:\folder A'),
113                 text='Folder A',font=('Segoe UI',18,'bold'),compound='top',)    #open actual folder    r'F:/folderA' is use bcs \f is
114     escape command
115     folA.image = fpic_local    #preserve the image
116     folA.place(x=45,y=30)
117     folB=Button(pc,
118                 image=fpic_local,
119                 bg="#007166",activebackground='#007166',
120                 relief='flat',bd=0,highlightthickness=0,
121                 command=lambda:open_folder(r'F:\folder B'),
122                 text='Folder B',font=('Segoe UI',18,'bold'),compound='top')    #open actual folder    r'F:/folderA' is use bcs \f is
123     escape command
124     folB.image = fpic_local    #preserve the image
125     folB.place(x=345,y=30)
126
127 win=Tk()
128
129 walp=PhotoImage(file="wallpaper.png")
130 fpic=PhotoImage(file='folder.png')
131 mypcpic=PhotoImage(file='my pc.png')
132 calpic=PhotoImage(file="calculator.png")
133 searchpic=PhotoImage(file='search40.png')
134 dangerpic=PhotoImage(file="danger100.png")
135
136 win.attributes('-fullscreen',True)
137 wallpaper=Label(image=walp)
138 wallpaper.place(x=0,y=0)
139 icon=PhotoImage(file='logo fkos.png')
140 win.iconphoto(True,icon)
141 win.title("FKOS")
142 tpc=Button(image=mypcpic,bg='#6be4ce',activebackground='#6be4ce',
143            relief='flat',bd=0,highlightthickness=0,    #for making button flat
144            text='My pc',font=('Segoe UI',9,'bold'),compound='top',
145            command=mypc)

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146 tpc.place(x=15,y=25)
147
148
149 tcalc=Button(image=calpic,bg='#6be4ce',activebackground='#6be4ce',
150             relief='flat',bd=0,highlightthickness=0,          #for making button flat
151             text='Calculator',font=('Segoe UI',9,'bold'),compound='top',)
152 tcalc.place(x=15,y=150)
153
154
155 dang=Button(win,image=dangerpic,text="DONT'T OPEN",font=('Segoe
156 UI',9,'bold'),relief='flat',bd=0,highlightthickness=0,bg='#6be4ce',activebackground='#6be4ce',compound='top',command=fundang)
157 dang.place(x=15,y=275)
158
159
159 taskbar1=Label(win,bg="#37FFEB",height=37,width=130)
160 taskbar1.place(x=0,y=1043)
161
162 taskbar2=Label(win,bg="#37FFEB",height=37,width=145)
163 taskbar2.place(x=1000,y=1043)
164
165
166 searchbar=Entry(win,font=('Segoe UI',18,'bold'),fg="gray")
167 searchbar.insert(0,'Search Anything')
168 searchbar.bind("<FocusIn>",clickin)
169 searchbar.bind("<FocusOut>",clickout)
170 searchbar.place(x=740,y=1043)
171
172 searchbut=Button(win,image=searchpic,bg='#37FFEB',activebackground='#37FFEB',relief='flat',bd=0,highlightthickness=0,command=search)
173 searchbut.place(x=1025,y=1043)
174
175
176 win.config(cursor='dotbox')
177 win.mainloop()
178 #all icons used are from icon8.com
```