

fkos.py

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

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73     explorer.iconphoto(True, mycpic)                                # Same icon as "My PC"
74     current_path = StringVar(value=path) # Track current folder path    does like intvar stringvar is use to store dynamic text
75
76     listBox=Listbox(explorer,bg="#007166",font=('Segoe UI',18,'bold'),selectbackground='#21d1b3',relief="flat",
highlightthickness=0, bd=0)
77     listBox.pack(fill=BOTH, expand=True, padx=10, pady=10)
78     #fill=both will allow to listBox to expand in both side in window
79     #expand =true allow listBox to take as much space as required
80     #pad x/y adds padding as before
81
82
83     def list_folder(p):
84         try:
85             files=os.listdir(p) #get the content of folder
86         except:
87             messagebox.showerror("ERROR",f"file {p} not found") #messagebox.showerror("title","message")
88             return
89         listBox.delete(0,END) #clear old entries
90         for f in files:
91             listBox.insert(END,f)
92         current_path.set(p) #update tracker to show which folder you re in
93         win.config(cursor='dotbox')
94
95
96     def double_click(event):
97         selected=listBox.get(listBox.curselection()) #what user double click
98         new_path=os.path.join(current_path.get(),selected) #create full path
99
100         if os.path.isdir(new_path): # checks if its a folder and if it is go inside
101             list_folder(new_path)
102         else:
103             try:
104                 os.startfile(new_path) #if files open by default
105             except:
106                 messagebox.showerror("ERROR",f"File {new_path} can't be accessed")
107         listBox.bind("<Double-Button-1>",double_click)
108         list_folder(path)
109
110
111 def mypc():
112     pc=Toplevel()
113     fpic_local=PhotoImage(file='folder 100.png').zoom(2,2)
114     pc.config(background='#007166')
115     pc.geometry('1200x720+200+100')
116     pc.title('My pc')
117     pc.iconphoto(True,mycpic)
118     folA=Button(pc,
119                 image=fpic_local,
120                 bg="#007166",activebackground='#007166',
121                 relief='flat',bd=0,highlightthickness=0,
122                 command=lambda:open_folder(r'F:\folder A'),
123                 text='Folder A',font=('Segoe UI',18,'bold'),compound='top',) #open actual folder    r'F:/folderA' is use bcs \f is
escape command
124     folA.image = fpic_local #preserve the image
125     folA.place(x=45,y=30)
126     folB=Button(pc,
127                 image=fpic_local,
128                 bg="#007166",activebackground='#007166',
129                 relief='flat',bd=0,highlightthickness=0,
130                 command=lambda:open_folder(r'F:\folder B'),
131                 text='Folder B',font=('Segoe UI',18,'bold'),compound='top') #open actual folder    r'F:/folderA' is use bcs \f is
escape command
132     folB.image = fpic_local #preserve the image
133     folB.place(x=345,y=30)
134
135
136
137 win=Tk()
138
139 walp=PhotoImage(file="wallpaper.png")
140 fpic=PhotoImage(file='folder.png')
141 mycpic=PhotoImage(file='my pc.png')
142 calpic=PhotoImage(file="calculator.png")
143 searchpic=PhotoImage(file='search40.png')
144 dangerpic=PhotoImage(file="danger100.png")
145

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146 win.attributes('-fullscreen',True)
147 wallpaper=Label(image=walp)
148 wallpaper.place(x=0,y=0)
149 icon=PhotoImage(file='logo fkos.png')
150 win.iconphoto(True,icon)
151 win.title("FKOS")
152 tpc=Button(image=mycpic,bg='#6be4ce',activebackground='#6be4ce',
153           relief='flat',bd=0,highlightthickness=0,           #for making button flat
154           text='My pc',font=('Segoe UI',9,'bold'),compound='top',
155           command=mypc)
156 tpc.place(x=15,y=25)
157
158
159 tcalc=Button(image=calpic,bg='#6be4ce',activebackground='#6be4ce',
160            relief='flat',bd=0,highlightthickness=0,           #for making button flat
161            text='Calculator',font=('Segoe UI',9,'bold'),compound='top',)
162 tcalc.place(x=15,y=150)
163
164
165 dang=Button(win,image=dangerpic,text="DONT'T OPEN",font=('Segoe
166 UI',9,'bold'),relief='flat',bd=0,highlightthickness=0,bg='#6be4ce',activebackground='#6be4ce',compound='top',command=fundang)
167 dang.place(x=15,y=275)
168
169 taskbar1=Label(win,bg="#37FFEB",height=37,width=130)
170 taskbar1.place(x=0,y=1043)
171
172 taskbar2=Label(win,bg="#37FFEB",height=37,width=145)
173 taskbar2.place(x=1000,y=1043)
174
175
176 searchbar=Entry(win,font=('Segoe UI',20,),fg="gray",relief='flat',bd=0,highlightthickness=0)
177 searchbar.insert(0,'Search Anything')
178 searchbar.config(width=23)
179 searchbar.bind("<FocusIn>",clickin)
180 searchbar.bind("<FocusOut>",clickout)
181 win.bind('<Button-1>', reset_searchbar)    #resets the searchbar
182 searchbar.place(x=740,y=1043)
183
184 delsearch=Button(win,text='X',font=("Verdana", 20,
185 "bold"),fg="gray",bg='FFFFFF',activebackground='FFFFFF',relief='flat',bd=0,highlightthickness=0,command=delsear)
186 delsearch.place(x=1086,y=1043)
187
188 searchbut=Button(win,image=searchpic,bg='#37FFEB',activebackground='#37FFEB',relief='flat',bd=0,highlightthickness=0,command=search)
189 searchbut.place(x=1136,y=1043)
190 searchbar.bind("<Return>", lambda event: search())
191
192 win.config(cursor='dotbox')
193 win.mainloop()
194 #all icons used are from icon8.com

```