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"import tkinter as tk\n"

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"import pandas as pd"

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"from tkinter import \*"

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"from tkinter.ttk import \*"

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"import pandas as pd"

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"from tkinter import messagebox"

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"app = tk.Tk()\n",

"app.title('Registration Form')\n",

"app.geometry('400x280')\n",

"app.configure(bg='lightgray')\n",

"app.configure(bg='pink')\n"

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"f\_name = tk.Variable(app)\n",

"e\_mail = tk.Variable(app)\n",

"u\_name = tk.Variable(app)\n",

"pwd = tk.Variable(app)\n",

"age = tk.Variable(app)\n",

"mobile = tk.Variable(app)"

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"tk.Label(app,text='Full Name',bg='black',fg='white',padx=1,pady=1,font='Algerian''bold').place(x=20,y=30)\n",

"tk.Label(app,text='Email ID',bg='black',fg='white',font='Algerian''bold',padx=2,pady=1).place(x=20,y=60)\n",

"tk.Label(app,text='User Name',bg='black',fg='white',padx=1,pady=1,font='Algerian''bold').place(x=20,y=90)\n",

"tk.Label(app,text='Password',bg='black',fg='white',padx=1,pady=1,font='Algerian''bold').place(x=20,y=120)\n",

"tk.Label(app,text='Age',bg='black',fg='white',padx=1,pady=1,font='Algerian''bold').place(x=20,y=150)\n",

"tk.Label(app,text='Mobile',bg='black',fg='white',padx=1,pady=1,font='Algerian''bold').place(x=20,y=180)"

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"tk.Entry(app,width=30,fg='black',bg='white',textvariable=f\_name).place(x=150,y=30)\n",

"tk.Entry(app,width=30,fg='black',bg='white',textvariable= e\_mail).place(x=150,y=60)\n",

"tk.Entry(app,width=30,fg='black',bg='white',textvariable= u\_name).place(x=150,y=90)\n",

"tk.Entry(app,width=30,fg='black',bg='white',textvariable=pwd,show='\*').place(x=150,y=120)\n",

"tk.Entry(app,width=30,fg='black',bg='white',textvariable=age).place(x=150,y=150)\n",

"tk.Entry(app,width=30,fg='black',bg='white',textvariable=mobile).place(x=150,y=180)\n"

]

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"def error():\n",

" app1=tk.Toplevel(app)\n",

" app1.geometry('150x94')\n",

" messagebox.showerror(\"showerror\", \"Error\")"

]

},

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"def register():\n",

" Mobile=mobile.get()\n",

" Age=age.get()\n",

" Password=pwd.get()"

]

},

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" if len(Mobile)>10:\n",

" return error()\n",

" elif len(Age)>2:\n",

" return error()\n",

" elif len(Password)>8:\n",

" return error()\n",

" else:\n",

" tk.Label(app,text='User has been registered succesfully').place(x=15,y=230)\n",

" \n",

" f = open('data.csv','a')\n",

" data = [f\_name.get(),e\_mail.get(),u\_name.get(),pwd.get(),age.get(),mobile.get()]\n",

" f.write(','.join(data)+'\\n')\n",

"\n",

" f.close()\n",

" f\_name.set('')\n",

" e\_mail.set('')\n",

" u\_name.set('')\n",

" pwd.set('')\n",

" age.set('')\n",

" mobile.set('')"

]

},

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" cols=('Full Name','Email ID','User Name','Password','Age','Mobile')\n",

" df=pd.read\_csv('Data.csv',names=cols)\n",

" new\_df = df.dropna()\n"

]

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" new\_window = tk.Toplevel(app)\n",

" new\_window.title(\"Welcome to new Window\")\n",

" new\_window.geometry(\"400x280\")\n",

" Label(new\_window,text =\"This is a new window\")\n"

]

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" total\_user\_var=tk.Variable(app)\n",

" Average\_age\_var=tk.Variable(app)\n",

" mail\_domain\_var=tk.Variable(app)\n",

" google\_var=tk.Variable(app)\n",

" yahoo\_var=tk.Variable(app)\n",

" gmail\_var=tk.Variable(app)"

]

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" total\_user\_var.set(df['Full Name'].count())\n",

" Average\_age\_var.set(df['Age'].mean())\n",

" mail\_domain\_var.set(new\_df['Email ID'].count())"

]

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"mail=new\_df['Email ID']\n",

" google\_var.set(new\_df['Email ID'][mail.str.endswith('@google.com')].count())\n",

" yahoo\_var.set(new\_df['Email ID'][mail.str.endswith('@yahoo.com')].count())\n",

" gmail\_var.set(new\_df['Email ID'][mail.str.endswith('@gmail.com')].count())\n"

]

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" google=tk.Label(new\_window,text='Google.com: ',font=('Algerian', 10, 'bold'),textvariable=google\_var).place(x=120,y=160)\n",

" yahoo=tk.Label(new\_window,text='Yahoo.com: ',font=('Algerian', 10, 'bold'),textvariable=yahoo\_var).place(x=120,y=190)\n",

" gmail=tk.Label(new\_window,text='Gmail.com: ',font=('Algerian', 10, 'bold'),textvariable=gmail\_var).place(x=120,y=220)\n",

"\n",

" "

]

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"outputs": [],

"source": [

" tk.Label(new\_window,text='SUMMARY',bg='red',foreground='white',font=('Algerian', 15, 'bold')).place(x=130,y=15)\n",

" total\_user=tk.Label(new\_window,text='Total Users: ',bg='#f5ffff',font=('Algerian', 10, 'bold')).place(x=20,y=60)\n",

" Average\_age=tk.Label(new\_window,text='Average age: ',bg='#f5ffff',font=('Algerian', 10, 'bold')).place(x=20,y=90)\n",

" mail\_domain=tk.Label(new\_window,text='Commonly mail Domain: ',bg='#f5ffff',font=('Algerian', 10, 'bold')).place(x=20,y=130)\n",

" google=tk.Label(new\_window,text='Google.com: ',bg='#f5ffff',font=('Algerian', 10, 'bold')).place(x=20,y=160)\n",

" yahoo=tk.Label(new\_window,text='Yahoo.com: ',bg='#f5ffff',font=('Algerian', 10, 'bold')).place(x=20,y=190)\n",

" gmail=tk.Label(new\_window,text='Gmail.com: ',bg='#f5ffff',font=('Algerian', 10, 'bold')).place(x=20,y=220)\n"

]

},

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" total\_user=tk.Label(new\_window,text='Total Users:',font=('Algerian', 10, 'bold'),textvariable=total\_user\_var).place(x=140,y=60)\n",

" Average\_age=tk.Label(new\_window,text='Average age: ',font=('Algerian', 10, 'bold'),textvariable=Average\_age\_var).place(x=140,y=90)"

]

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" mail\_domain=tk.Label(new\_window,text='Commonly mail Domain: ',font=('Algerian', 10, 'bold'),textvariable=mail\_domain\_var).place(x=200,y=130)"

]

},

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"tk.Button(app, text='Submit',bg='green',foreground='white',font=('Algerian',10,'bold'),command=register).place(x=150,y=210)\n",

"\n"

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"app.mainloop()"

]

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