**#\_\_\_\_\_\_\_\_\_\_INTRO PAGE\_\_\_\_\_\_\_\_\_\_\_\_#**

**from tkinter import \***

**from PIL import ImageTk**

**root=Tk()**

**root.geometry("1590x800+0+0")**

**root.title("demo")**

**root.config(bg="#ea5455")**

**def lg\_in():**

**root.destroy()**

**import register**

**btn\_img=ImageTk.PhotoImage(file="button\_sign-u.png")**

**title=Label(text="Welcome to Password Manager",font=("Verdana 15underline",50,"bold"),relief="groove",bg="#ea5455",fg="white")**

**title.place(x=0,y=150,relwidth=1)**

**des=Label(text="It gives you a easy access to store, generate , and manage\n your passwords for local applications and online services.",font=("helvetica",25,"italic"),bg="#ea5455",fg='white')**

**des.place(x=330,y=350)**

**sign\_up\_btn=Button(image=btn\_img,borderwidth=0,bd=0,command=lg\_in,bg="#ea5455")**

**sign\_up\_btn.place(x=650,y=550)**

**root.mainloop()**

**File:#\_\_\_\_\_\_\_\_\_\_\_\_\_\_signuppage\_\_\_\_\_\_\_\_\_\_\_\_\_\_#**

**from tkinter import \***

**from tkinter import messagebox**

**import mysql.connector**

**root=Tk()**

**root.geometry("1590x800+0+0")**

**root.title("demo")**

**root.config(bg="#ea5455")**

**img\_reg=PhoyoImage(file="images/button\_sign\_up.png")**

**frame1=Frame(bg="white",bd=0)**

**frame1.place(x=550,y=30,width=500,height=740)**

**lbl\_sign\_up=Label(text="SIGN UP",font("times new roman",30,"bold"),bg="white",fg="black")**

**lbl\_sign\_up.place(x=690,y=70)**

**username=Label(text="enter your email",font=("helvetica",15),bg="white")**

**username.place(x=600,y=200)**

**user\_mail=Entry(text="hell",font=("helvetica",15),bg="white",relief="ridge",borderwidth=1)**

**user\_mail.place(x=600,y=260,width=300)**

**user\_mail.focus()**

**paswd=Label(text="New Password",font=("helvetica",15),bg="white")**

**paswd.place(x=600,y=330)**

**new\_pswd=Entry(font=("helvetica",15),show="\*",relief="ridge",borderwidth=1)**

**new\_pswd.place(x=600,y=380,width=300)**

**cfrm\_paswd=Label(text="confirm password",font=("helvetica",15),bh="white")**

**cfrm\_paswd.place(x=600,y=440,height=35)**

**cnfrm\_pswd=Entry(font=("helvetica",15),show="\*",relief="ridge",borderwidth=1)**

**cnfrm\_pswd.place(x=600,y=490,width=300)**

**def regs():**

**if new\_pswd.get()=="" or cnfrm\_pswd.get()=="" or user\_mail.get()=="" :**

**messagebox.showerror("Error","All Fields are required")**

**elif new\_pswd.get()!=cnfrm\_pswd.get():**

**messagebox.showerror("Error","Password and confirm password doen't match")**

**else:**

**try:**

**db=mysql.connector.connect(host='localhost',user='root',passwd='root',database="password\_manager")**

**cur=db.cursor()**

**cur.execute("Insert into useraccounts(mail\_id,password)values(%s, %s)",(user\_mail.get(),new\_pswd.get()))**

**db.commit()**

**db.close()**

**root.destroy()**

**import log\_in**

**except EXCEPTION as e:**

**messagebox.showerror("Error",f "Error Due to {e}")**

**frame1=Frame(bg="white",bd=0)**

**frame1.place(x=550,y=30,width=500,height=740)**

**btn\_login=PhotoImage(file="images/button\_log-in.png")**

**title=Label(text="Login In",bg="white",font=("Californian FB",35,"bold"))**

**title.place(x=710,y=80)**

**label=Label(text="username",compound=LEFT,font=("helvetica",18),bg="white")**

**label.place(x=600,y=200)**

**email\_txt=Entry(text="hell",font=("helvetica",18),bg="white",relief="sunken",bd=1)**

**email\_txt.place(x=600,y=260,width=300)**

**email\_txt.focus()**

**pass\_lbl=Label(text="Password",font=("helvetica",18),bg="white")**

**pass\_lbl.place(x=600,y=320)**

**paswd\_txt=Entry(font=("helvetica",15),show="\*",relief="sunken",bd=1)**

**paswd\_txt.place(x=600,y=380,width=300)**

**sign\_in=Button(image=btn\_login,bd=0,bg="white",command=login)**

**sign\_in.place(x=610,y=500)**

**root.mainloop()**

**file: #\_\_\_\_\_\_\_\_\_\_\_password manager\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#**

**from tkinter import \***

**from PIL import ImageTk**

**from random import \***

**import pyperclip**

**from tkinter import messagebox**

**import mysql.connector**

**from tkinter import ttk**

**import string**

**def clear():**

**website\_entry.delete(0,END)**

**password\_entry.delete(0,END)**

**mail\_entry.delete(0,END)**

**username\_entry.delete(0,END)**

**##\_\_\_\_\_PASSWORD SAVER\_\_\_\_\_\_\_\_\_\_\_\_\_###**

**def save():**

**website=website\_entry.get()**

**username=username\_entry.get()**

**password=password\_entry.get()**

**mail\_id=mail\_entry.get()**

**if website=="" or username=="" or password=="" or mail\_id=="" :**

**messagebox.showerror(title="oops",message="please don't leave any fields empty")**

**else:**

**is\_ok=messagebox.askyesno(title="Website",message="do you confirm to add the details entered")**

**if is\_ok:**

**try:**

**db=mysql.connector.connect(host='localhost',user='root',passwd='root',database="password\_manager")**

**cur=db.cursor()**

**cur.execute("INSERT INTO UserData(Website,Username,Password,mail\_id)VALUES(%s,%s,%s,%s)",(website,username,password,mail\_id))**

**db.commit()**

**db.close()**

**fetch\_data()**

**clear()**

**except EXCEPTION as e:**

**messagebox.showerror("Error",f"Error Due to {e}")**

**def update():**

**website=website\_entry.get()**

**username=username\_entry.get()**

**password=password\_entry.get()**

**mail\_id=mail\_entry.get()**

**try:**

**db=mysql.connector.connect(host='localhost',user='root',passwd='root',database="password\_manager")**

**cur=db.cursor()**

**cur.execute("UPDATE UserData SET Username=%s,Password=%s,mail\_id=%s WHERE Website=%s",(username,password,mail\_id,website))**

**db.commit()**

**db.close()**

**fetch\_data()**

**clear()**

**except EXCEPTION as e:**

**messagebox.showerror("Error",f"Error due to {e}")**

**def delete():**

**website=website\_entry.get()**

**db=mysql.connector.connect(host='localhost',user='root',passwd='root',database="password\_manager")**

**cur=db.cursor()**

**cur.execute("DELETE FROM UserData WHERE Website=%s",(website))**

**db.commit()**

**db.close()**

**fetch\_data()**

**clear()**

**window=Tk()**

**window.geometry("1590x800+0+0")**

**window.title("PASSWORD MANAGER")**

**window.config(bg="#ea5455")**

**frame1=Frame(width=1482,height=740,bg="white")**

**frame1.place(x=20,y=30)**

**frame2=Frame(frame1,width=600,height=570,bg="white",borderwidth=1,relief="solid")**

**frame2.place(x=30,y=150)**

**frame3=LabelFrame(frame1,text="password generator",font=("helvetica",18),width=800,height=260,bg="white",borderwidth=1,relief="solid")**

**frame3.place(x=650,y=140)**

**def check():**

**upper=upper\_var.get()**

**lower=lower\_var.get()**

**number=number\_var.get()**

**symbol=symbol\_var.get()**

**ps=""**

**if upper=='on':**

**ps+=string.ascii\_uppercase**

**if lower=='on':**

**ps+=string.ascii\_lowercase**

**if number=='on':**

**ps+=string.digits**

**if symbol=='on':**

**ps+=string.punctuation**

**else:**

**generate\_entry.delete(0,END)**

**generate\_entry.insert(0,"please check any one option")**

**return ps**

**def generate(ev):**

**pswrd=check()**

**password=''**

**for i in range(0,slider.get()):**

**password=password+choice(pswrd)**

**generate\_entry.delete(0,END)**

**password\_entry.delete(0,END)**

**generate\_entry.insert(0,password)**

**password\_entry.insert(0,password)**

**pyperclip.copy(password)**

**upper\_var=StringVar()**

**lower\_var=StringVar()**

**number\_var=StringVar()**

**symbol\_var=StringVar()**

**label=Label(frame3,text="customize your password",font=("helvetica",18,"unerline"),bg='white')**

**label.place(x=100,y=80)**

**slider=Scale(frame3,label="Password length",font=("helvetica",12),from\_=0,to=50,length=250,resolution=1,orient=HORIZONTAL,troughcolor='white',relief='groove',activebackground="#ea5455",bg="#ffcccb",bd=0,command=generate)**

**slider.place(x=100,y=140)**

**upper\_check=CheckButton(frame3,text="Uppercase",variable=upper\_var,font("helvetica",13),bg='white',onvalue='on',offvalue='off')**

**upper\_check.place(x=380,y=130)**

**upper\_check.select()**

**lower\_check = Checkbutton(frame3, text='Lowercase', variable=lower\_var,font=("helvetica", 13), bg='white',onvalue='on', offvalue='off')**

**lower\_check.place(x=380, y=180)**

**lower\_check.select()**

**number\_check = Checkbutton(frame3, text='Numbers', variable=number\_var,font=("helvetica", 13), bg='white',onvalue='on', offvalue='off')**

**number\_check.place(x=525, y=130)**

**number\_check.deselect()**

**symbol\_check = Checkbutton(frame3, text='Symbols', variable=symbol\_var,font=("helvetica", 13), bg='white',onvalue='on', offvalue='off')**

**symbol\_check.place(x=525, y=180)**

**symbol\_check.deselect()**

**generate\_entry = Entry(frame3, width=40, font=("helvetica", 15),relief="ridge", borderwidth=1)**

**generate\_entry.place(x=150, y=20, height=35)**

**add\_image = ImageTk.PhotoImage(file="button\_add.png")**

**update\_img = ImageTk.PhotoImage(file="button\_update.png")**

**delete\_img = ImageTk.PhotoImage(file="button\_delete.png")**

**title = Label(text="Password Manager", font=("Oswald", 30, "bold"), bg="white")**

**title.place(x=590, y=60)**

**web\_label = Label(frame2, text="Website or App Name", font=("helvetica",20), bg="white")**

**web\_label.place(x=40, y=50)**

**username\_label = Label(frame2, text="Username", font=("helvetica", 20), bg="white")**

**username\_label.place(x=40, y=150)**

**password\_label = Label(frame2, text="Password", font=("helvetica", 20,), bg="white")**

**password\_label.place(x=40, y=250)**

**mail\_label = Label(frame2, text="Email Id", font=("helvetica", 20), bg="white")**

**mail\_label.place(x=40, y=350)**

**website\_entry = Entry(frame2, width=40, font=("helvetica", 15), relief="ridge", borderwidth=1)**

**website\_entry.focus()**

**website\_entry.place(x=40, y=100, height=25)**

**username\_entry = Entry(frame2, width=40, font=("helvetica", 15),relief="ridge", borderwidth=1)**

**username\_entry.place(x=40, y=200, height=25)**

**password\_entry = Entry(frame2, width=40, font=("helvetica", 15),relief="ridge", borderwidth=1)**

**password\_entry.place(x=40, y=300, height=25)**

**mail\_entry = Entry(frame2, width=40, font=("helvetica", 15), relief="ridge", borderwidth=1)**

**mail\_entry.place(x=40, y=400, height=25)**

**add\_btn = Button(frame2, image=add\_image, borderwidth=0, bg="white",command=save)**

**add\_btn.place(x=15, y=480)**

**update\_btn = Button(frame2, image=update\_img, bg="white", borderwidth=0,command=update)**

**update\_btn.place(x=210, y=480)**

**delete\_btn = Button(frame2, image=delete\_img, bg="white", borderwidth=0,command=delete)**

**delete\_btn.place(x=410, y=480)**

**# ==================== Treeview================**

**def get\_cursor(event):**

**cursor\_row = password\_tree.focus()**

**contents = password\_tree.item(cursor\_row)**

**row = contents['values']**

**clear()**

**website\_entry.insert(0, row[0])**

**username\_entry.insert(0, row[1])**

**password\_entry.insert(0, row[2])**

**mail\_entry.insert(0, row[3])**

**frame4 = Frame(frame1, width=800, height=300, bg="white", borderwidth=1,relief="solid")**

**frame4.place(x=650, y=420)**

**style = ttk.Style()**

**style.configure("Treeview", rowheight=28)**

**style.map("Treeview", background=[('selected', '#ea5455')])**

**password\_tree = ttk.Treeview(frame4, columns=("website", "username","password", "mail\_id"))**

**password\_tree.tag\_configure('oddrow', background='white')**

**password\_tree.tag\_configure('evenrow', background='#ffcccb')**

**password\_tree.column("website", width=140)**

**password\_tree.heading("username", text="Username", anchor="w")**

**password\_tree.heading("website", text="Website", anchor="w")**

**password\_tree.heading("password", text="Password", anchor="w")**

**password\_tree.heading("mail\_id", text="Email", anchor="w")**

**password\_tree['show'] = 'headings'**

**password\_tree.pack(expand=True, fill=BOTH)**

**password\_tree.bind("<ButtonRelease-1>", get\_cursor)**

**def fetch\_data():**

**count = 0**

**db = mysql.connector.connect(host='localhost',user='root', passwd='root',database="password\_manager")**

**cur = db.cursor()cur.execute("SELECT \* FROM UserData ")**

**rows = cur.fetchall()**

**if len(rows) != 0:**

**password\_tree.delete(\*password\_tree.get\_children())**

**for row in rows:**

**if count % 2 == 0:**

**password\_tree.insert(parent='', index=END, values=row, tags='evenrow')**

**db.commit()**

**else:**

**password\_tree.insert(parent='', index=END, values=row, tags='oddrow')**

**db.commit()**

**count += 1**

**db.close()**

**fetch\_data()**

**window.mainloop()**

**File: #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_datacreation&connection\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#**

**# ---------------Database Creation------------**

**import mysql.connect**

**db = mysql.connector.connect(host='localhost',user='root',passwd='root')**

**cur=db.cursor()**

**cur.execute("CREATE DATABASE password\_manager")**

**#----------Table Creation----------**

**import mysql.connect**

**db = mysql.connector.connect(host='localhost',user='root', passwd='root',database="password\_manager")**

**cur = db.cursor()**

**cur.execte(“CREATE TABLE useraccounts (userID int PRIMARY KEYAUTO\_INCREMENT, Username VARCHAR(30), Password VARCHAR(30)”)**

**cur.execte(“CREATE TABLE userdata (Website VARCHAR(50), UsernameVARCHAR(30), Password VARCHAR(30), Email\_id VARCHAR(30)” )**

**db.commit()**