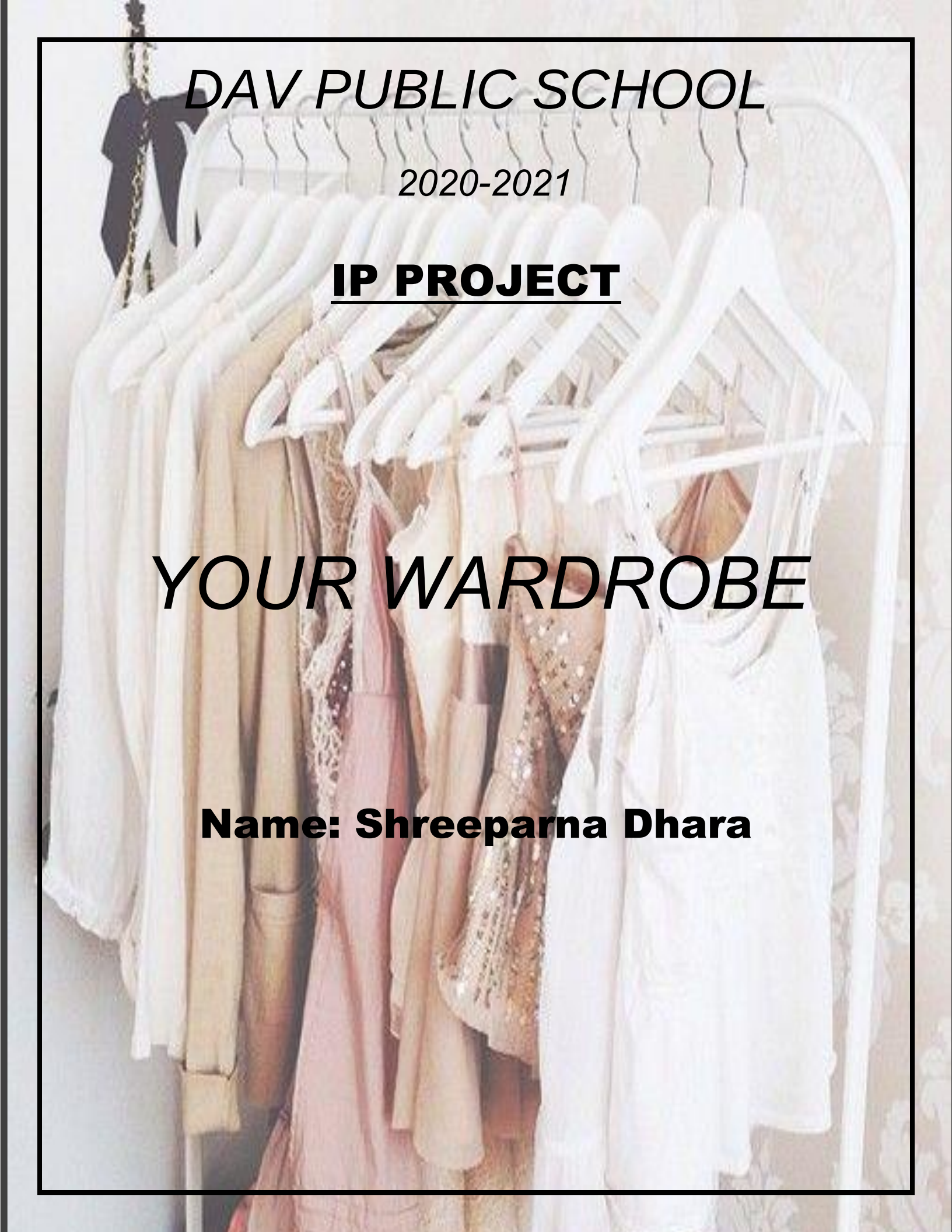


DAV PUBLIC SCHOOL

2020-2021

IP PROJECT

YOUR WARDROBE

Name: Shreeparna Dhara

ACKNOWLEDGEMENT

I would like to thank our principal ma’am and institution for giving me the opportunity to work on and explore such a topic.

I would like to express my gratitude towards our IP teacher Miss.Vibhavari ma’am for the precious guidance and constant encouragement throughout this project.

I would also like to thank my parents and friends who helped me a lot in finalizing this project within limited time frame.

INDEX

INTRODUCTION

Are you an extreme shopaholic person?????

Are you struggling to keep a track on your clothes collection??????

HERE's a SOLUTION TO IT

YOUR WARDROBE!!!!!!

This wardrobe management system can make your life way easier than before. Being a person who loves to buy clothes face a lot of problem in keeping a track about their collection. Especially for those who are into modelling or in fashion industry. Clothing is a very important thing for them. Your wardrobe keeps a track of your clothes and all the information is available to you just on a click. This management system has the following salient features:

- You can save the details of your apparel with a code number.
- You can see all your records in a table format
- You can search using not only code number but also by other details. So even if you forget code number, other details like colour, type etc can be used to search.
- You can delete records.

- ❖ Programming Language: Python
- ❖ Database System: My SQL

Modules used:

- Tkinter
- Messagebox
- Pillow

Images:

Buttons

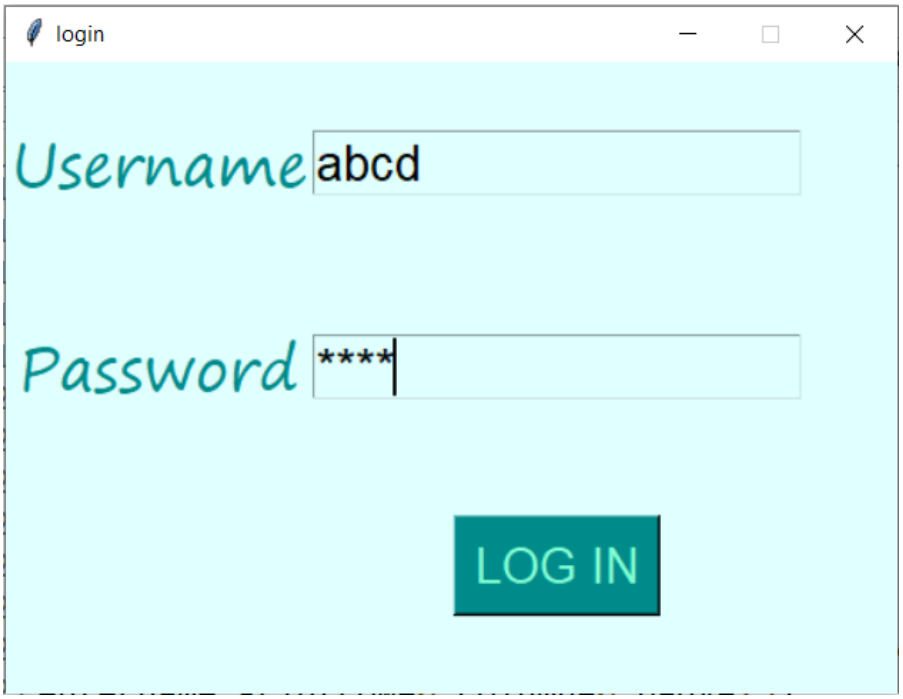
Delete

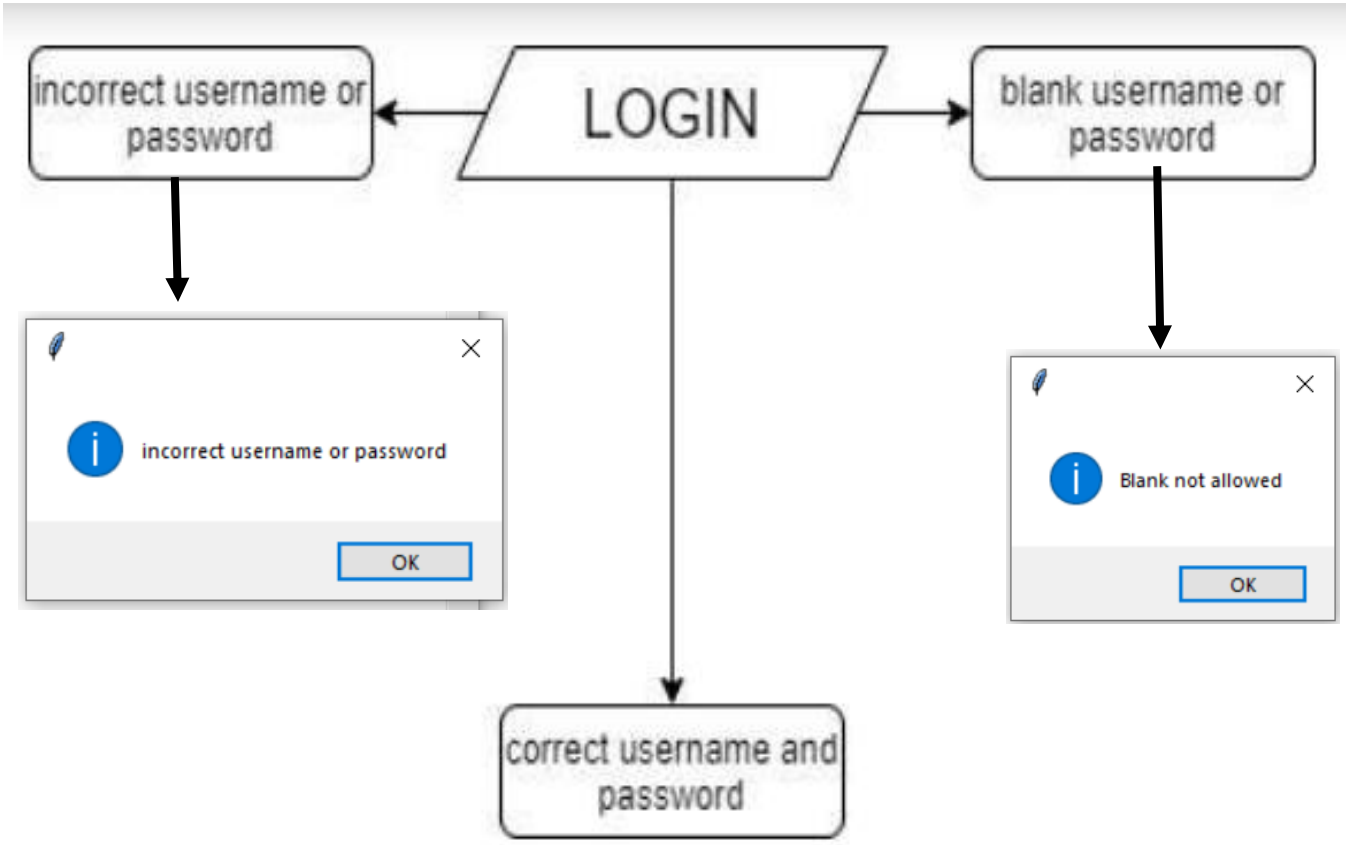
Plus

Home

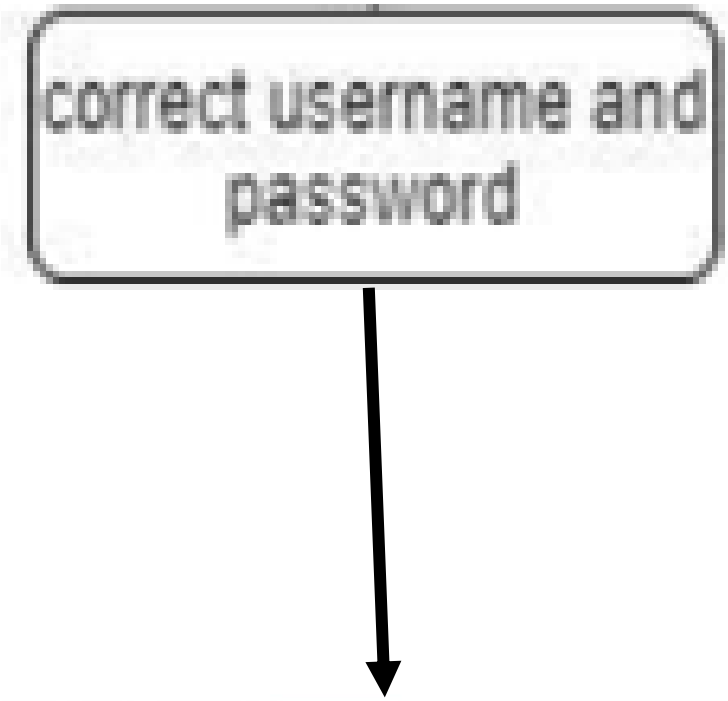
FLOWCHART

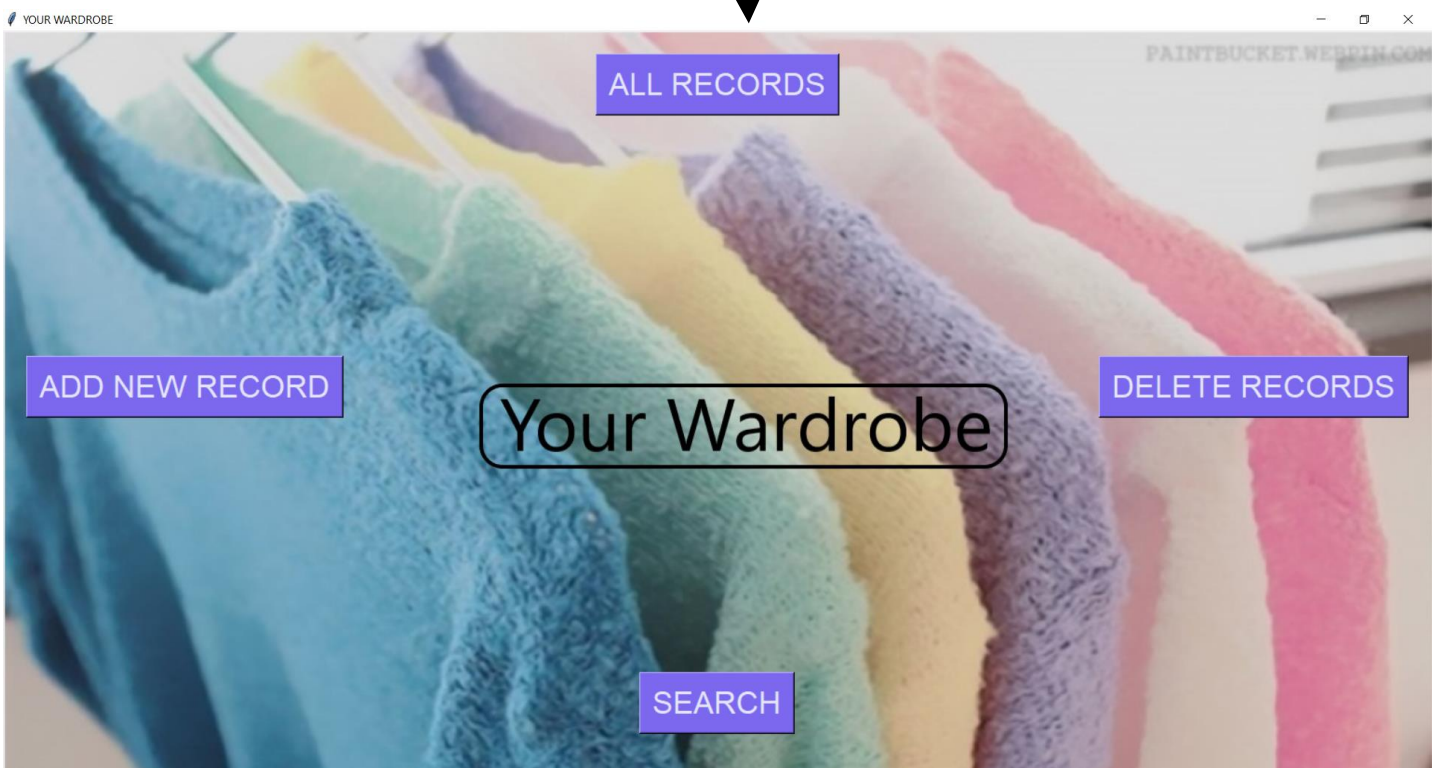
1)LOGIN





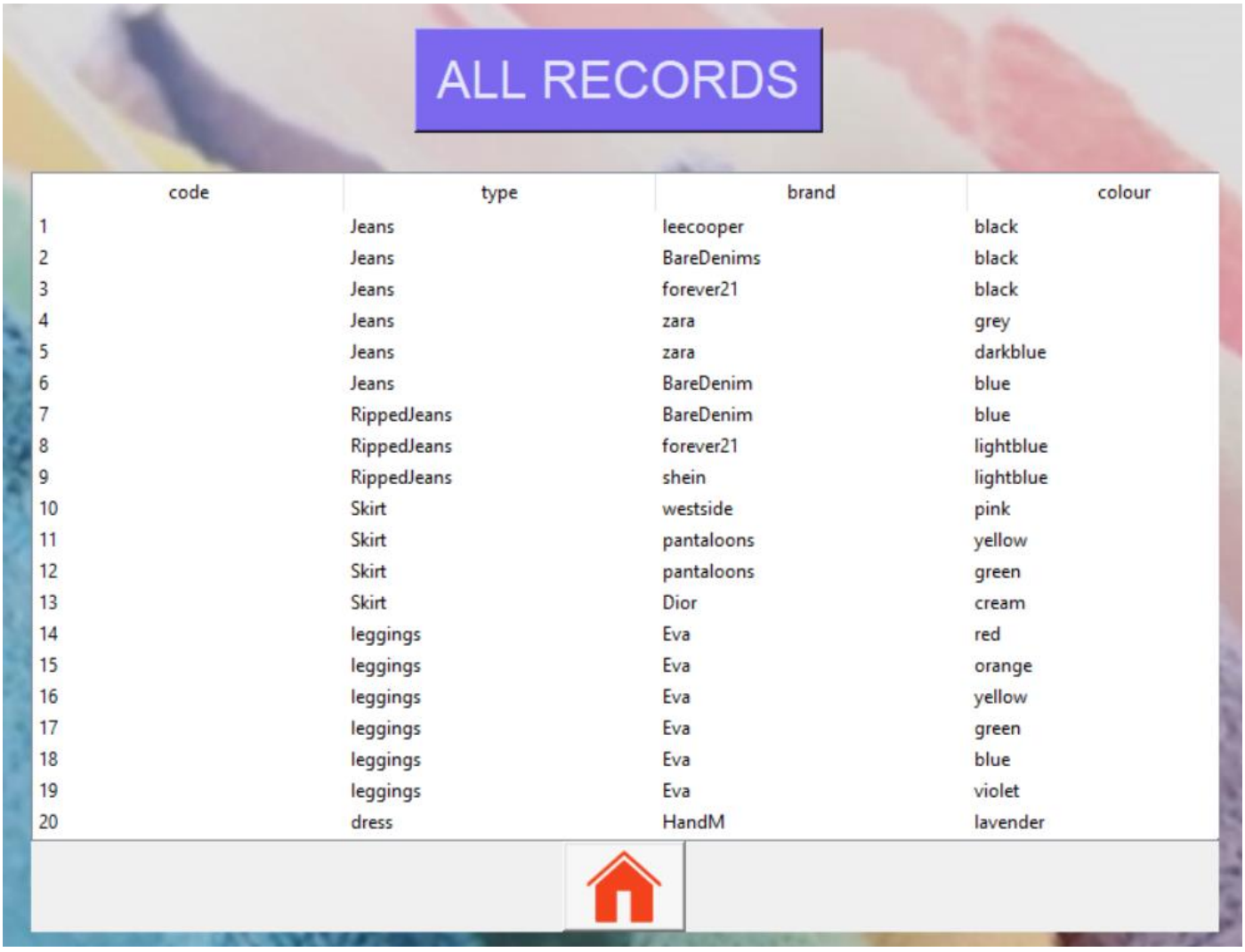
2)Main Page


correct username and password


YOUR WARDROBE
ALL RECORDS
ADD NEW RECORD
Your Wardrobe
DELETE RECORDS
SEARCH

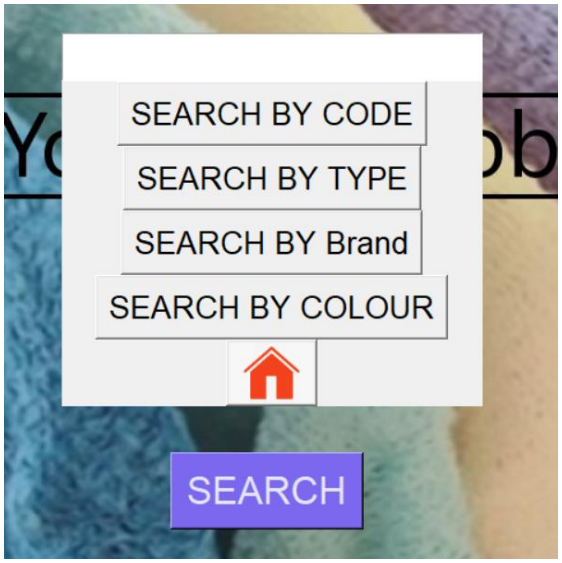
Buttons

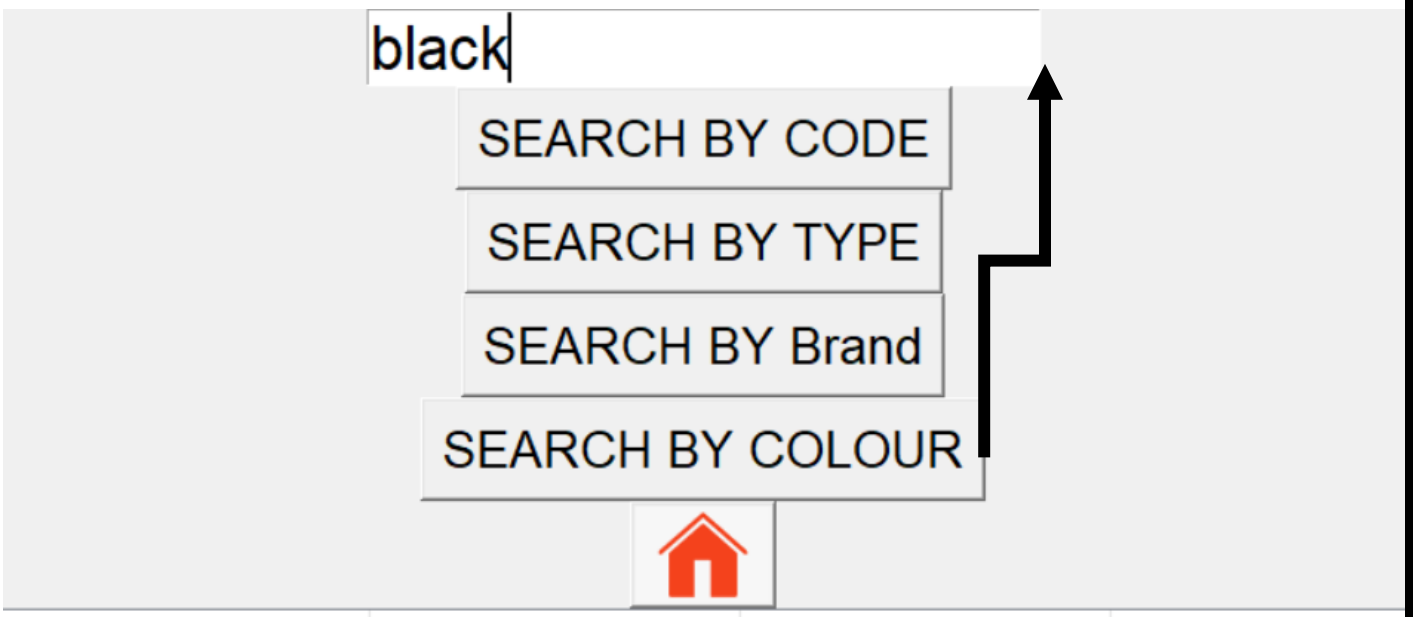
1)The ‘ALL RECORDS’ button shows all details in table format.



code	type	brand	colour
1	Jeans	leecooper	black
2	Jeans	BareDenims	black
3	Jeans	forever21	black
4	Jeans	zara	grey
5	Jeans	zara	darkblue
6	Jeans	BareDenim	blue
7	RippedJeans	BareDenim	blue
8	RippedJeans	forever21	lightblue
9	RippedJeans	shein	lightblue
10	Skirt	westside	pink
11	Skirt	pantaloons	yellow
12	Skirt	pantaloons	green
13	Skirt	Dior	cream
14	leggings	Eva	red
15	leggings	Eva	orange
16	leggings	Eva	yellow
17	leggings	Eva	green
18	leggings	Eva	blue
19	leggings	Eva	violet
20	dress	HandM	lavender

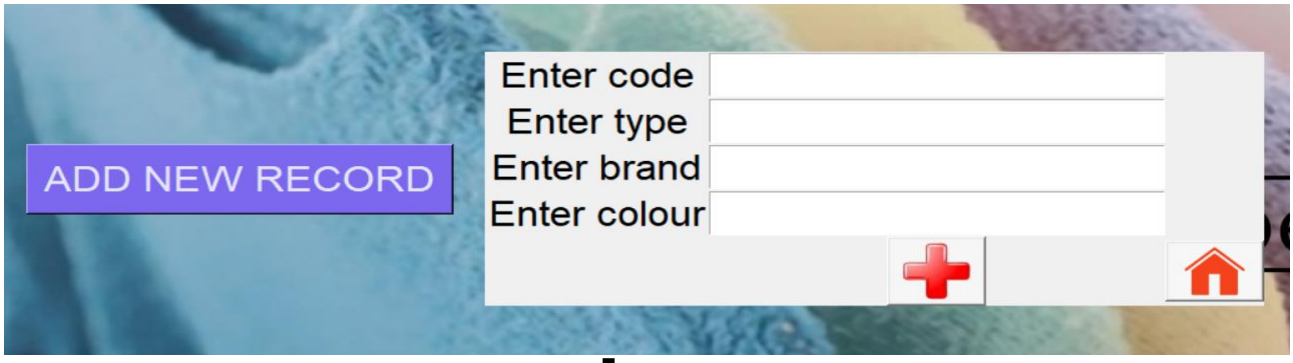
2)The ‘SEARCH’ button takes the input from the user and displays the detail of the searched item in table format.

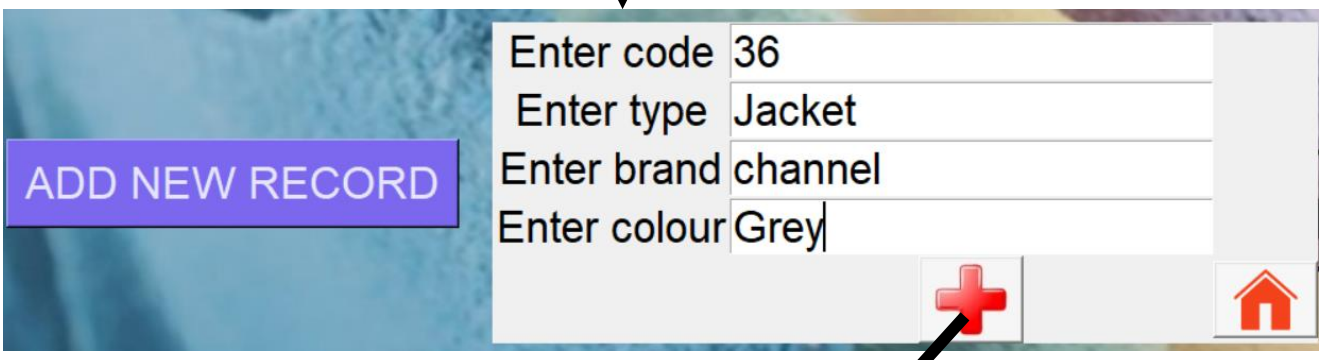


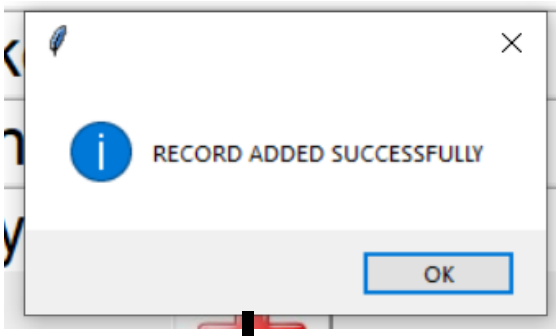


code	type	brand	colour
1	Jeans	leecooper	black
2	Jeans	BareDenims	black
3	Jeans	forever21	black
25	shirt	zara	black

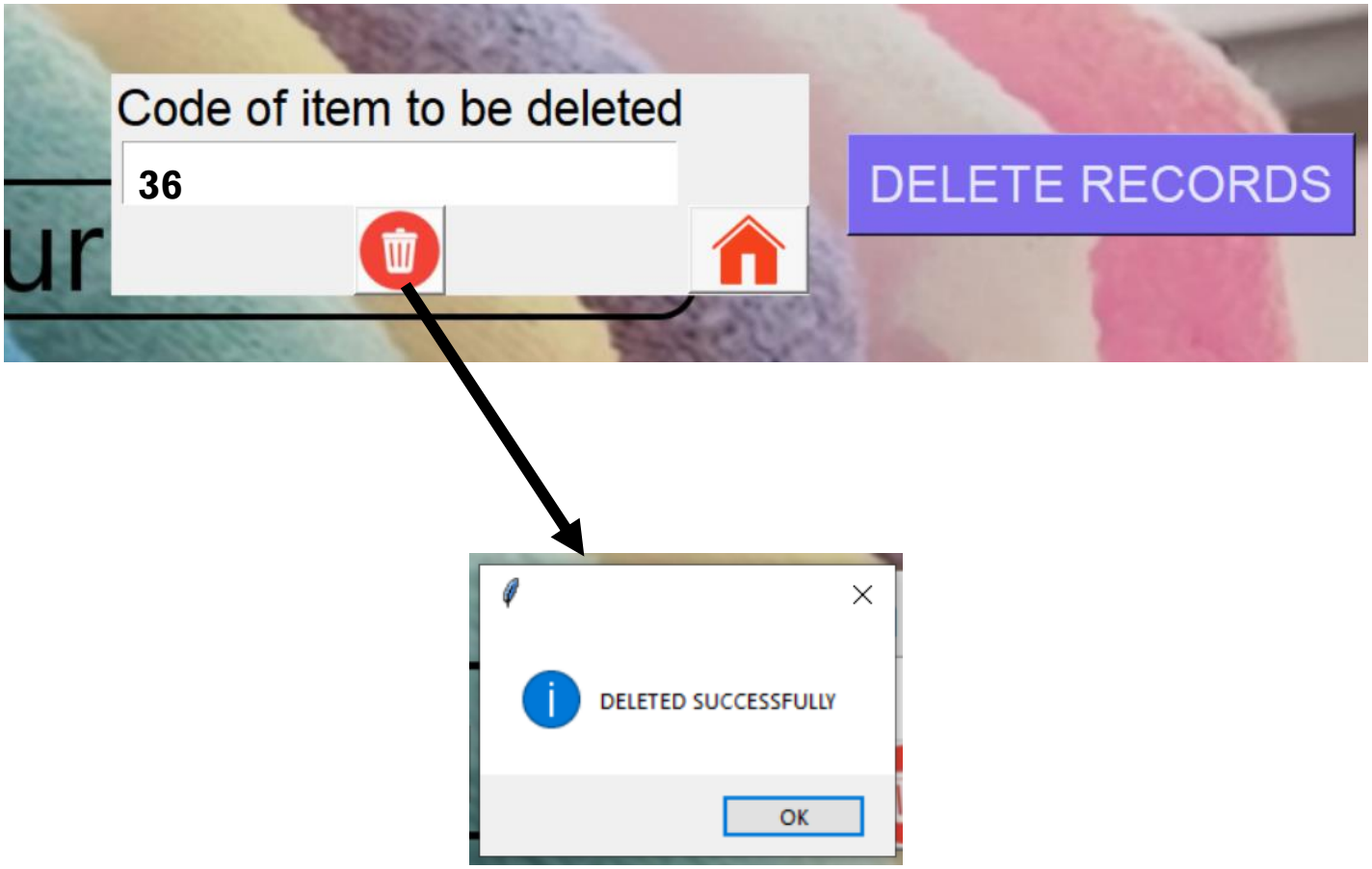
3)The ‘ADD NEW RECORD’ button helps to enter new entries.







4)Deletion of record using code number



CODE

#making connection

```
import mysql.connector as sq

con=sq.connect(host='localhost',user='root',
passwd='1234',database='m',port=3307)

cur=con.cursor()
```

#importing necessary packages

```
import tkinter as tk

from tkinter import messagebox

import tkinter.ttk as ttk

from PIL import ImageTk
```

#login

```
def ok():
        uname=l1.get()
        password=l2.get()


        if uname=="" and password=="":
                messagebox.showinfo("","Blank not allowed')
        elif uname=='abcd' and password=='1234':
                window.destroy()
                frame=tk.Tk()
```

```
frame.title('YOUR WARDROBE')
width_value=frame.winfo_screenwidth()
height_value=frame.winfo_screenheight()
frame.geometry('%dx%d+0+0'%(width_value,height_value))

render1=ImageTk.PhotoImage(file='bg.jpg')
img_center=tk.Label(frame,image=render1)
img_center.place(x=0,y=0)

render2=ImageTk.PhotoImage(file='home.png')
render3=ImageTk.PhotoImage(file='delete logo.jpg')
render4=ImageTk.PhotoImage(file='plus.jpg')

def cmd1():
    cur.execute('select * from wardrobe')
    rows=cur.fetchall()
    frm1=tk.Frame(frame)
    frm1.pack()
    tv=ttk.Treeview(frm1,columns=(1,2,3,4),\
            show='headings',height=20)
    tv.pack(side='top')
    tv.heading(1,text='code')
    tv.heading(2,text='type')
    tv.heading(3,text='brand')
    tv.heading(4,text='colour')
```

```
                for i in rows:
                        tv.insert('','end',values=i)


bt1_back=tk.Button(frm1,command=frm1.destroy,image=render2)
                bt1_back.size()
                bt1_back.pack()


        def cmd2():
                frm2=tk.Frame(frame)
                frm2.pack(side='bottom')
                s1=tk.Entry(frm2,font=('Arial',25))
                s1.pack()
                def cmd2_1():
                        val=s1.get()
                        cur.execute('select * from wardrobe where code=%s'%val)
                        rows=cur.fetchall()
                        frm2_1=tk.Frame(frm2)
                        frm2_1.pack()
                        tv2_1=ttk.Treeview(frm2_1,columns=(1,2,3,4),\
                                show='headings')
                        tv2_1.pack()
                        tv2_1.heading(1,text='code')
                        tv2_1.heading(2,text='type')
                        tv2_1.heading(3,text='brand')
                        tv2_1.heading(4,text='colour')
```

```
                for i in rows:
                        tv2_1.insert('','end',values=i)



        def cmd2_2():
                val=s1.get()
                cur.execute('select * from wardrobe where type="%s"'%val)
                rows=cur.fetchall()
                frm2_2=tk.Frame(frm2)
                frm2_2.pack()

tv2_2=ttk.Treeview(frm2_2,columns=(1,2,3,4),show='headings')
                tv2_2.pack()
                tv2_2.heading(1,text='code')
                tv2_2.heading(2,text='type')
                tv2_2.heading(3,text='brand')
                tv2_2.heading(4,text='colour')
                for i in rows:
                        tv2_2.insert('','end',values=i)


        def cmd2_3():
                val=s1.get()
                cur.execute('select * from wardrobe where brand="%s"'%val)
                rows=cur.fetchall()
                frm2_3=tk.Frame(frm2)
                frm2_3.pack()
```

```
tv2_3=ttk.Treeview(frm2_3,columns=(1,2,3,4),show='headings')
                tv2_3.pack()
                tv2_3.heading(1,text='code')
                tv2_3.heading(2,text='type')
                tv2_3.heading(3,text='brand')
                tv2_3.heading(4,text='colour')
                for i in rows:
                        tv2_3.insert('','end',values=i)


        def cmd2_4():
                val=s1.get()
                cur.execute('select * from wardrobe where colour="%s"'%val)
                rows=cur.fetchall()
                frm2_4=tk.Frame(frm2)
                frm2_4.pack()

tv2_4=ttk.Treeview(frm2_4,columns=(1,2,3,4),show='headings')
                tv2_4.pack()
                tv2_4.heading(1,text='code')
                tv2_4.heading(2,text='type')
                tv2_4.heading(3,text='brand')
                tv2_4.heading(4,text='colour')
                for i in rows:
                        tv2_4.insert('','end',values=i)
        x=("Arial",20)
```

```
        cmd2b1=tk.Button(frm2,text='SEARCH BY CODE',\
                         command=cmd2_1,font=x)
        cmd2b1.pack()
        cmd2b2=tk.Button(frm2,text='SEARCH BY TYPE',\
                         command=cmd2_2,font=x)
        cmd2b2.pack()
        cmd2b3=tk.Button(frm2,text='SEARCH BY Brand',\
                         command=cmd2_3,font=x)
        cmd2b3.pack()
        cmd2b4=tk.Button(frm2,text='SEARCH BY COLOUR',\
                         command=cmd2_4,font=x)
        cmd2b4.pack()
        back=tk.Button(frm2,command=frm2.destroy,image=render2)
        back.pack()
        frm2.mainloop()

    def cmd3():
        frm3=tk.Frame(frame)
        frm3.pack(side='right')
        lbl=tk.Label(frm3,text=('Code of item to be deleted'),\
                font=('ArialBlack',25))
        lbl.grid(row=0,column=0)
        s2=tk.Entry(frm3,font=('Arial',25))
        s2.grid(row=1,column=0)

        def cmd3_1():
```

```
            val=s2.get()
            cur.execute('delete from wardrobe where code=%s'%val)
            con.commit()
            messagebox.showinfo('','DELETED SUCCESSFULLY')
        delete=tk.Button(frm3,command=cmd3_1,image=render3)
        delete.grid(row=2,column=0)
        back=tk.Button(frm3,command=frm3.destroy,image=render2)
        back.grid(row=2,column=1)


def cmd4():
        frm4=tk.Frame(frame)
        frm4.pack(side='left')
        lbl1=tk.Label(frm4,text='Enter code',font=("Arial",25))
        lbl1.grid(row=0,column=0)
        e1=tk.Entry(frm4,font=('Arial',25))
        e1.grid(row=0,column=1)
        lbl2=tk.Label(frm4,text='Enter type',font=("Arial",25))
        lbl2.grid(row=2,column=0)
        e2=tk.Entry(frm4,font=('Arial',25))
        e2.grid(row=2,column=1)
        lbl3=tk.Label(frm4,text='Enter brand',font=("Arial",25))
        lbl3.grid(row=3,column=0)
        e3=tk.Entry(frm4,font=('Arial',25))
        e3.grid(row=3,column=1)
        lbl4=tk.Label(frm4,text='Enter colour',font=("Arial",25))
```

```
        lbl4.grid(row=4,column=0)
        e4=tk.Entry(frm4,font=('Arial',25))
        e4.grid(row=4,column=1)
        def cmd4_1():
            val1=e1.get()
            val2=e2.get()
            val3=e3.get()
            val4=e4.get()
            qry="insert into wardrobe(code,type,brand,colour)\
              VALUES({},'{}','{}','{}')".format(val1,val2,val3,val4)
            cur.execute(qry)
            con.commit()
            messagebox.showinfo('','RECORD ADDED SUCCESSFULLY')
        done=tk.Button(frm4,command=cmd4_1,image=render4)
        done.grid(row=5,column=1)
        back=tk.Button(frm4,text='BACK',command=frm4.destroy,\
                font=("ArialBlack",25),image=render2)
        back.grid(row=5,column=2)

AB='ArialBlack'
MSB='mediumslateblue'
LV='lavender'
bt1=tk.Button(frame,text='ALL RECORDS',\
            command=cmd1,font=(AB,25),bg=MSB,fg=LV)
bt1.pack(side='top',pady=25)
bt2=tk.Button(frame,text='SEARCH',\
```

```
                command=cmd2,font=(AB,25),bg=MSB,fg=LV)
        bt2.pack(side='bottom',pady=40)
        bt3=tk.Button(frame,text='DELETE RECORDS',\
                command=cmd3,font=(AB,25),bg=MSB,fg=LV)
        bt3.pack(side='right',padx=25)
        bt4=tk.Button(frame,text='ADD NEW RECORD',\
                command=cmd4,font=(AB,25),bg=MSB,fg=LV)
        bt4.pack(side='left',padx=25)
        frame.mainloop()


else:
        messagebox.showinfo('',"incorrect username or password")
```

#login

```
window=tk.Tk()
window.title('login')
window.geometry('500x350')
window.configure(bg='lightcyan')
window.resizable(0,0)


DC='darkcyan'
LC='lightcyan'
AM='aquamarine'
SP='Segoe Print'
entername=tk.Label(window,text="Username",font=(SP,25),fg=DC,bg=LC)
entername.grid(row=0,column=0,pady=25)
l1=tk.Entry(window,font=('Arial',20),bg=LC,width=18)
l1.grid(row=0,column=1,pady=25)
password=tk.Label(window,text="Password",font=(SP,25),fg=DC,bg=LC)
password.grid(row=1,column=0,pady=25)
l2=tk.Entry(window,font=("Arial",20),show='*',bg=LC,width=18)
l2.grid(row=1,column=1,pady=25)
b1=tk.Button(window,text='LOG
IN',font=("ArialBlack",20),command=ok,bg=DC,fg=AM)
b1.grid(row=2,column=1,pady=25)
window.mainloop()
```

SQL Tables

```
mysql> desc wardrobe;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| code   | int         | YES  |     | NULL    |       |
| type   | varchar(30) | YES  |     | NULL    |       |
| brand  | varchar(30) | YES  |     | NULL    |       |
| colour | varchar(30) | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
4 rows in set (0.14 sec)
```

code	type	brand	colour
1	Jeans	leecooper	black
2	Jeans	BareDenims	black
3	Jeans	forever21	black
4	Jeans	zara	grey
5	Jeans	zara	darkblue
6	Jeans	BareDenim	blue
7	RippedJeans	BareDenim	blue
8	RippedJeans	forever21	lightblue
9	RippedJeans	shein	lightblue
10	Skirt	westside	pink
11	Skirt	pantaloons	yellow
12	Skirt	pantaloons	green
13	Skirt	Dior	cream
14	leggings	Eva	red
15	leggings	Eva	orange
16	leggings	Eva	yellow
17	leggings	Eva	green
18	leggings	Eva	blue
19	leggings	Eva	violet
20	dress	HandM	lavender
21	dress	shein	brown
22	dress	shein	pink
23	dress	lifestyle	grey
24	dress	lifestyle	gold
25	shirt	zara	black
26	shirt	forever21	gold
27	shirt	leecooper	green
28	top	channel	lavender
29	top	channel	lavender
30	top	pasley	red
31	top	dior	orange
32	top	dior	turquoise
33	top	BareDenim	Blue
34	top	BareDenim	pink
35	jacket	buffer	seagreen

BIBLIOGRAPHY

1)YouTube Video -https://youtu.be/VMP1oQOxfM0

2)Book- Sumita Arora book for IP class 12

- Sumita Arora book for IP class 11

3) GOOGLE-
https://www.tutorialspoint.com/python/python_gui_programming.htm

https://www.tutorialsteacher.com/python/create-ui-using-tkinter-in-python