



Library Login System





Login

Reset

Exit

Library Management Systems

Library Membership Info

Member Type: Student
 Reference no: 1234
 Title: Mr.
 First Name: Yash
 Surname: Singh
 Address 1: B-1
 Address 2: 1st Floor
 Post Code: 401011
 Mobile No: 9876543210

Book ID: 0004121
 Book Title: Chemistry Fund
 Author: Ashwin Sanghi
 Date Borrowed: 2020-03-08
 Date Due: 2020-03-22
 Days on loan: 14
 Late Return Fine: 11.0
 Date Over Due: No
 Rating: 5.0

Book Details

Two Books
 God of small things
 White Tiger
 Name Data
 Midnight Children
 Bulbine Girl
 A night at Calcutta
 Five Years Forward
 The English Teacher
 The Names
 The House

Member Type: Mr. Yash
 Reference no: 1234
 Title: Mr.
 First Name: Yash
 Surname: Singh
 Address 1: B-1
 Address 2: 1st Floor
 Post Code: 401011
 Mobile No: 9876543210

Member Type	Reference no	Title	Author	Address 1	Address 2	Post Code	Mobile No	Days on loan	Late Return Fine	Date Over Due	Rating
Student	1234	Mr.	Yash	Singh	B-1	1st Floor	401011	14	11.0	No	5.0
Student	1234	Mr.	Yash	Singh	B-1	1st Floor	401011	14	11.0	No	5.0
Student	1234	Mr.	Yash	Singh	B-1	1st Floor	401011	14	11.0	No	5.0

Library

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```
fromtkinter import*
fromtkinter import ttk
import random
import sqlite3
import time
fromdatetime import datetime
importtkinter.messagebox
```

```
def main():
    root=Tk()
    app=Window1(root)
```

```
class Window1:
    def __init__(self,master):
        self.master=master
        self.master.title("Library Login System")
        self.master.geometry('1350x750+0+0')
        self.master.configure(bg='powder blue')
        self.frame=Frame(self.master, bg='powder blue')
        self.frame.pack()

        self.Username=StringVar()
        self.Password=StringVar()

        self.lblTitle=Label(self.frame, text='Library Login System', font=('arial',50,'bold'),bg='powder
        blue',fg='black')
        self.lblTitle.grid(row=0,column=0,columnspan=2,pady=40)
```

```
#=====
=====
```

```
self.LoginFrame1=LabelFrame(self.frame, width=1350, height=600,
font=('arial',20,'bold'),relief='ridge', bg='cadet blue',bd=20)
```

```
self.LoginFrame1.grid(row=1, column=0)
```

```
self.LoginFrame2=LabelFrame(self.frame, width=1000, height=600,
font=('arial',20,'bold'),relief='ridge', bg='cadet blue',bd=20)
```

```
self.LoginFrame2.grid(row=2, column=0)
```

```
#===== Label &
Entry=====
```

```
self.lblUsername=Label(self.LoginFrame1, text= 'Username', font=('arial',20,'bold'), bd=22,bg='cadet
blue', fg='Cornsilk')
```

```
self.lblUsername.grid( row=0, column=0)
```

```
self.txtUsername=Entry(self.LoginFrame1, font=('arial',20,'bold'),textvariable=self.Username)
```

```
self.txtUsername.grid( row=0, column=1, padx=119)
```

```
self.lblPassword=Label(self.LoginFrame1, text= 'Password', font=('arial',20,'bold'),bd=22,bg='cadet blue'
, fg='Cornsilk')
```

```
self.lblPassword.grid( row=1, column=0)
```

```
self.txtPassword=Entry(self.LoginFrame1, font=('arial',20,'bold'),show = "*", textvariable=self.Password)
```

```
self.txtPassword.grid( row=1, column=1, columnspan=2, pady=30)
```

```
#=====
Button=====
```

```
self.btnLogin=Button(self.LoginFrame2,
text='Login',width=17,font=('arial',20,'bold'),command=self.Login_System)
```

```
self.btnLogin.grid(row=3,column=0,pady=20,padx=8)
```

```
booklist.insert(END,items)
```

```
#=====Labels=====
=====#
```

```
self.lblLabel=Label(FrameDetail, font=('arial',10,'bold'), pady=8,
text="Member Type\t Reference No.\t Title\t FirstName\t Surname\t Address 1\t Address 2\t
\t Post Code\t Book Title\t Date Borrowed\t Days on Loan",)
self.lblLabel.grid(row=0, column=0)
```

```
self.txtFrameDetail=Text(FrameDetail,font=('arial',12,'bold'),width=121,height=4,padx=2, pady=4)
self.txtFrameDetail.grid(row=1,column=0)
```

```
#=====Buttons=====
=====#
```

```
self.btnDisplayData=Button(ButtonFrame, text='Display Data', font=('arial',12,'bold'),width=20,
bd=4,command=iDisplayData)
self.btnDisplayData.grid(row=0,column=1)
```

```
self.btnDelete=Button(ButtonFrame, text='Delete', font=('arial',12,'bold'),width=20,
bd=4,command=iDelete)
self.btnDelete.grid(row=0,column=2)
```

```
self.btnReset1=Button(ButtonFrame, text='Reset', font=('arial',12,'bold'),width=20, bd=4,
command=iReset2)
self.btnReset1.grid(row=0,column=3)
```

```
self.btnExit1=Button(ButtonFrame, text='Exit', font=('arial',12,'bold'),width=20, bd=4,
command=iEliminate)
self.btnExit1.grid(row=0,column=4)
```