B.Tech Minor Project Report

on

HOSPITAL MANAGEMENT SYSTEM USING PYTHON

By

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CENTRAL UNIVERSITY OF HARYANA

MAHENDRAGARH – 123029

September , 2020 – December , 2020

CERTIFICATE

This is to be certified that the project entitled “Hospital management system” has been submitted for the Bachelor of Technology in Computer Science & Engineering at Central University of Haryana during the period from September 2020 to December 2020 is a bonafide piece of project work carried out by “Hemant , Hemant Yadav & Mintu” towards the partial fulfillment for the award of the Degree (B.Tech) under the guidance of “Sangeeta Lamba” and supervision and no part of thereof has been submitted by them for any degree or diploma.

Sign. of HOD

Prof. Rakesh Dhiman

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Sign. Of Supervisor :

Sangeeta

Ms.Sangeeta Lamba

(Assistant Professor , CUH)

ACKNOWLEDGEMENT

Every Industrial Training big or small is a successful largely due to effort of a number of people who have always given their valuable advice or lent a helping hand. I sincerely appreciate the inspiration; support and guidance of all those people who have been instrumented in making my training a success.

The present project work is the several days study of the various aspects of the project development. During this the effort in the present study, we have received a great amount of help from **Dr.Rakesh Dhiman** , which we wish to acknowledge and thank from depth of our hearts.

My Parents have put myself ahead of themselves. Because of their hard work and dedication, I have had opportunities beyond my wildest dreams. My heartfelt thanks to them for giving me all I ever needed to be successful student and individual.

Finally, I express my thanks to all my other professors, classmates, friends, neighbours and my family members who helped me for the completion of my project and without infinite love and patience this would never have been possible.

HEMANT(11481)
HEMANT YADAV(11482)
MINTU(11497)
Computer Science & Engineering

DECLARATION

We hereby certify that this work which is being presented in this B.Tech. Minor Project report entitled " **SOFTWARE USING PYTHON ",** in requirements for the award of the **Bachelor of Technology in Computer Science & Engineering** is an authentic record work performed during the period from September 2020 to December 2020 under the supervision of **Sangeeta Lamba (**Assistant Professor , CUH)Computer Science & Engineering Department.

The matter presented in this project report has not been submitted for the award of any other degree elsewhere.

Signature of Candidates

HEMANT (11481)

HEMANT YADAV (11482)

MINTU (11497)

This is to certify that the above statements made by the mentioned candidates are correct as per my knowledge.

Date :

Signature of Supervisor

Sangeeta

Ms.SANGEETA LAMBA

(Assistant Professor , CUH)

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Introduction To Python

1.1 History of Python

Python is a widely used general-purpose, high-level programming language. It was initially designed by Guido van Rossum in 1991 and developed by Python Software Foundation. It was mainly developed for emphasis on code readability, and its syntax allows programmers to express concepts in fewer lines of code.

Let's dig deeper

In the late 1980s, history was about to be written. It was that time when working on Python started. Soon after that, Guido Van Rossum began doing its application based work in December of 1989 by at Centrum Wiskunde & Informatica (CWI) which is situated in Netherland. It was started firstly as a hobby project because he was looking for an interesting project to keep him occupied during Christmas. The programming language which Python is said to have succeeded is ABC Programming Language, which had the interfacing with the Amoeba Operating System and had the feature of exception handling. He had already helped to create ABC earlier in his career and he had seen some issues with ABC but liked most of the features. After that what he did as really very clever. He had taken the syntax of ABC, and some of its good features. It came with a lot of complaints too, so he fixed those issues completely and had created a good scripting language which had removed all the flaws. The inspiration for the name came from BBC's TV Show – 'Monty Python's Flying Circus', as he was a big fan of the TV show and also he wanted a short, unique and slightly mysterious name for his invention and hence he named it Python! He was the "Benevolent dictator for life" (BDFL) until he stepped down from the position as the leader on 12th July 2018. For quite some time he used to work for Google, but currently, he is working at Dropbox. The language was finally released in 1991. When it was released, it used a lot fewer codes to express the concepts, when we compare it with Java, C++ & C. Its design philosophy was quite good too. Its main objective is to provide code readability and advanced developer productivity. When it was released it had more than enough capability to provide classes with inheritance, several core data types exception handling and functions.

1.2 Python 3.9.1 is the latest version

The two of the most used versions has to Python 2.x & 3.x. There is a lot of competition between the two and both of them seem to have quite a number of different fanbase.
For various purposes such as developing, scripting, generation and software testing, this language is utilized. Due to its elegance and simplicity, top technology organizations like Dropbox, Google, Quora, Mozilla, Hewlett-Packard, Qualcomm, IBM, and Cisco have implemented Python.

Python has come a long way to become the most popular coding language in the world. Python has just turned 30, but it still has that unknown charm & X factor which can be clearly seen from the fact that Google users have consistently searched for Python much more than they have searched for Kim Kardashian, Donald Trump, Tom Cruise etc.

Python has been an inspiration for many other coding languages such as Ruby, Cobra, Boo, Coffee Script ECMA Script, Groovy, Swift Go , Julia etc.

1.3 Installing Python

Installing Python is a simple matter, regardless of which platform you’re using.
The first step is to obtain a recent distribution for your machine; the most recent
One can always be found at www.python.org.

Having more than one version of Python

You may already have an earlier version of Python installed on your machine. Many Linux distributions and Mac OS X come with Python 2.x as part of the operating system.
Because Python 3 isn’t completely compatible with Python 2, it’s reasonable to wonder if installing both versions on the same computer will cause a conflict.
There’s no need to worry; you can have multiple versions of Python on the same computer.
In the case of UNIX-based systems like OS X and Linux, Python 3 installs alongside the older version and doesn’t replace it. When your system looks for “python ,”it still finds the one it expects; and when you want to access Python 3, you can runpython3.1 or idle3.1. In Windows, the different versions are installed in separate locations and have separate menu entries.
Some basic platform-specific descriptions for the Python installation are given next .The specifics can vary quite a bit depending on your platform, so be sure to read the instructions on the download pages and with the various versions. You’re probably familiar with installing software on your particular machine, so I’ll keep these descriptions
short:
□ Microsoft Windows—Python can be installed in most versions of Windows by using the Python installer program, currently called python-3.1.msi. Just download it, execute it, and follow the installer’s prompts. You may need to be logged in as administrator to run the install. If you’re on a network and don’t have the administrator password, ask your system administrator to do the installation
for you.
□ Macintosh—You need to get a version of Python 3 that matches your OS X version and your processor. After you determine the correct version, download the disk image file, double-click to mount it, and run the installer inside. The OSX installer sets up everything automatically, and Python 3 will be in a subfolder inside the Applications folder, labeled with the version number. Mac OS X ships with various versions of Python as part of the system, but you don’t need to worry about that—Python 3 will be installed in addition to the system version.You can find more information about using Python on OS X by following the
links on the Python home page.
□ Linux/UNIX—Most Linux distributions come with Python installed. But the versions of Python vary, and the version of Python installed may not be version 3; for this book, you need to be sure you have the Python 3 packages installed. It’s also possible that IDLE isn’t installed by default, and you’ll need to install that package separately.

1.4 Executing Python from the command Line

Running Python on your OS

Run the Python command-line interpreter, under your OS of choice,

Windows

- Open Command line: Start menu -> Run and type cmd
- Type: C:\python27\python.exe
- *Note*: This is the default path for Python 2.7. If you are using a computer where Python is not installed in this path, change the path accordingly.

IDLE and the basic interactive mode

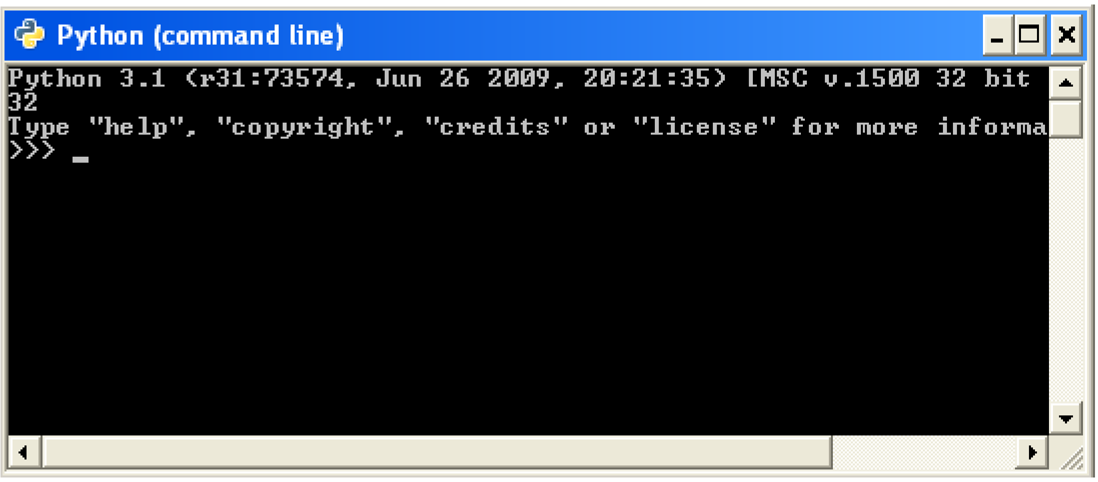
You have two built-in options for obtaining interactive access to the Python interpreter : the original basic (command-line) mode and IDLE. IDLE is available on many platforms, including Windows, Mac, and Linux, but it may not be available on others.
You may need to do more work and install additional software packages to get IDLE running, but it will be worth it because it's a large step up from the basic interactive mode. On the other hand, even if you normally use IDLE, at times you'll likely want to fire up the basic mode. You should be familiar enough to start and use either one.
The basic interactive mode is a rather primitive environment. But the interactive examples in this book are generally small; and later in this book, you'll learn how to easily bring code you've placed in a file into your session (using the module mechanism).

Let's look at how to start a basic session on Windows, Mac OS X, and UNIX:

□ Starting a basic session on Windows—For version 3.x of Python, you navigate to the Python (command-line) entry on the Python 3.x submenu of the Programs folder on the Start menu, and click it. Alternatively, you can directly find the Python.exe executable (for example, in C:\Python31) and double-click it.Doing so brings up the window

□ Starting a basic session on Mac OS X—Open a terminal window, and type python3.If you get a "Command not found" error, run the Update Shell Profile. Command script found in the Python3 subfolder in the Applications folder.

□ Starting a basic session on UNIX—Type python3.1 at a command prompt. A version message similar to the one followed by the Python prompt >>> appears in the current window.



```
Python 3.1 (r31:73574, Jun 26 2009, 20:21:35) [MSC v.1500 32 bit
32
Type "help", "copyright", "credits" or "license" for more informa
>>> _
```

Fig1.1 Basic interactive mode in Command Prompt

 Starting IDLE on Mac OS X—Navigate to the Python 3.x subfolder in the Applications folder, and run IDLE from there.

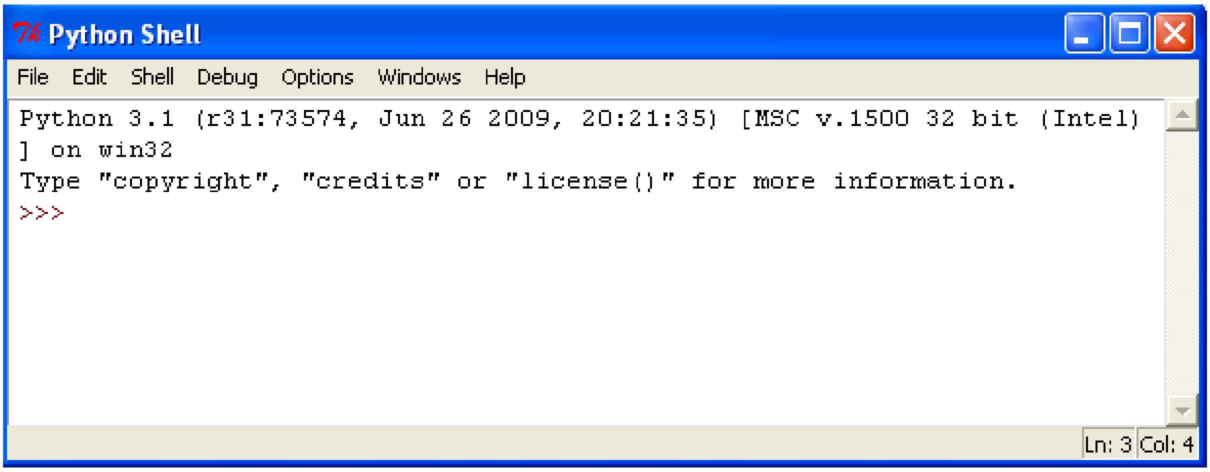
 Starting IDLE on Linux or UNIX—Type idle3.1 at a command prompt. This brings up a window similar to the one If you installed IDLE through your distribution's package manager, there should also be a menu entry for IDLE under the Programming submenu or something similar

Choosing between basic interactive mode and IDLE

Which should you use, IDLE or the basic shell window? To begin, use either IDLE or the Python Shell window. Both have all you need to work through the code examplesin this book until you reach chapter 10. From there, we'll cover writing your own modules, and IDLE will be a convenient way to create and edit files. But if you have a strongpreference for another editor, you may find that a basic shell window and your favoriteeditor serve you just as well. If you don't have any strong editor preferences, I suggestusing IDLE from the beginning.

Using IDLE's Python Shell window

The Python Shell window opens when you fire up IDLE. It provides automatic indentation and colors your code as you type it in, based on Python syntax types.
You can move around the buffer using the mouse, the arrow keys, the Page Up and Page Down keys, and/or a number of the standard Emacs key bindings. Check the Help menu for the details.
Everything in your session is buffered. You can scroll or search up, place the cursor on any line, and press Enter (creating a hard return), and that line will be copied to the bottom of the screen, where you can edit it and then send it to the interpreter by pressing the Enter key again. Or, leaving the cursor at the bottom, you can toggle up and down through the previously entered commands using Alt-P and Alt-N. This will successively bring copies of the lines to the bottom. When you have the one you want, you can again edit it and then send it to the interpreter by pressing the Enter key. You can complete Python keywords or user-defined values by pressing Alt-/.



```
Python 3.1 (r31:73574, Jun 26 2009, 20:21:35) [MSC v.1500 32 bit (Intel)
] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
```

Fig1.2 Basic interactive mode in Python Shell

1.5 Dynamic Types

Python don't have any problem even if we don't declare the type of variable. It states the kind of variable in the runtime of the program. So, Python is a dynamically typed language.

1.6 Reserved Keywords

Keywords are the reserved words in Python.

We cannot use a keyword as a variable name, function name or any other identifier. They are used to define the syntax and structure of the Python language.
In Python, keywords are case sensitive.

There are 33 keywords in Python 3.7. This number can vary slightly over the course of time.

All the keywords except True, False and None are in lowercase and they must be written as they are. The list of all the keywords is given below.

False

None

True

and

as

assert

async

await

break

class

continue

def

del

elif

else

except

finally

for

from

global

if

import

in

is

lambda

nonlocal

not

or

pass

raise

return

try

while

with

Yield

1.7 Naming Conventions

1. General

Avoid using names that are too general or too wordy. Strike a good balance between the two.
Bad: data_structure, my_list, info_map,
dictionary_for_the_purpose_of_storing_data_representing_word_definitions

Good: user_profile, menu_options, word_definitions
Don’t be a jackass and name things “O”, “l”, or “I”
When using Camel Case names, capitalize all letters of an abbreviation (e.g. HTTPServer)

2. Packages

Package names should be all lower case
When multiple words are needed, an underscore should separate them
It is usually preferable to stick to 1 word names

3. Modules

Module names should be all lower case
When multiple words are needed, an underscore should separate them
It is usually preferable to stick to 1 word names

4. Classes

Class names should follow the UpperCaseCamelCase convention
Python’s built-in classes, however are typically lowercase words
Exception classes should end in “Error”

5. Global (module-level) Variables

Global variables should be all lowercase
Words in a global variable name should be separated by an underscore

6. Instance Variables

Instance variable names should be all lower case
Words in an instance variable name should be separated by an underscore
Non-public instance variables should begin with a single underscore
If an instance name needs to be mangled, two underscores may begin its name

7. Methods

Method names should be all lower case
Words in an method name should be separated by an underscore
Non-public method should begin with a single underscore
If a method name needs to be mangled, two underscores may begin its name

8. Method Arguments

Instance methods should have their first argument named ‘self’.
Class methods should have their first argument named ‘cls’

9. Functions

Function names should be all lower case
Words in a function name should be separated by an underscore

10. Constants

Constant names must be fully capitalized
Words in a constant name should be separated by an underscore

2. What is Hospital Management System (HMS)

Hospital management system is a computer system that helps manage the information related to health care and aids in the job completion of health care providers effectively. They manage the data related to all departments of healthcare such as,

1. **Login Page**
2. **Home Page**
3. **Patient Registration**
4. **Patient Admit**
5. **Doctor Registration**
6. **Doctor information**
7. **Registration information**
8. **Patient Records**
9. **Generate Bill**
10. **Appointment**

3. SRS - Diagram

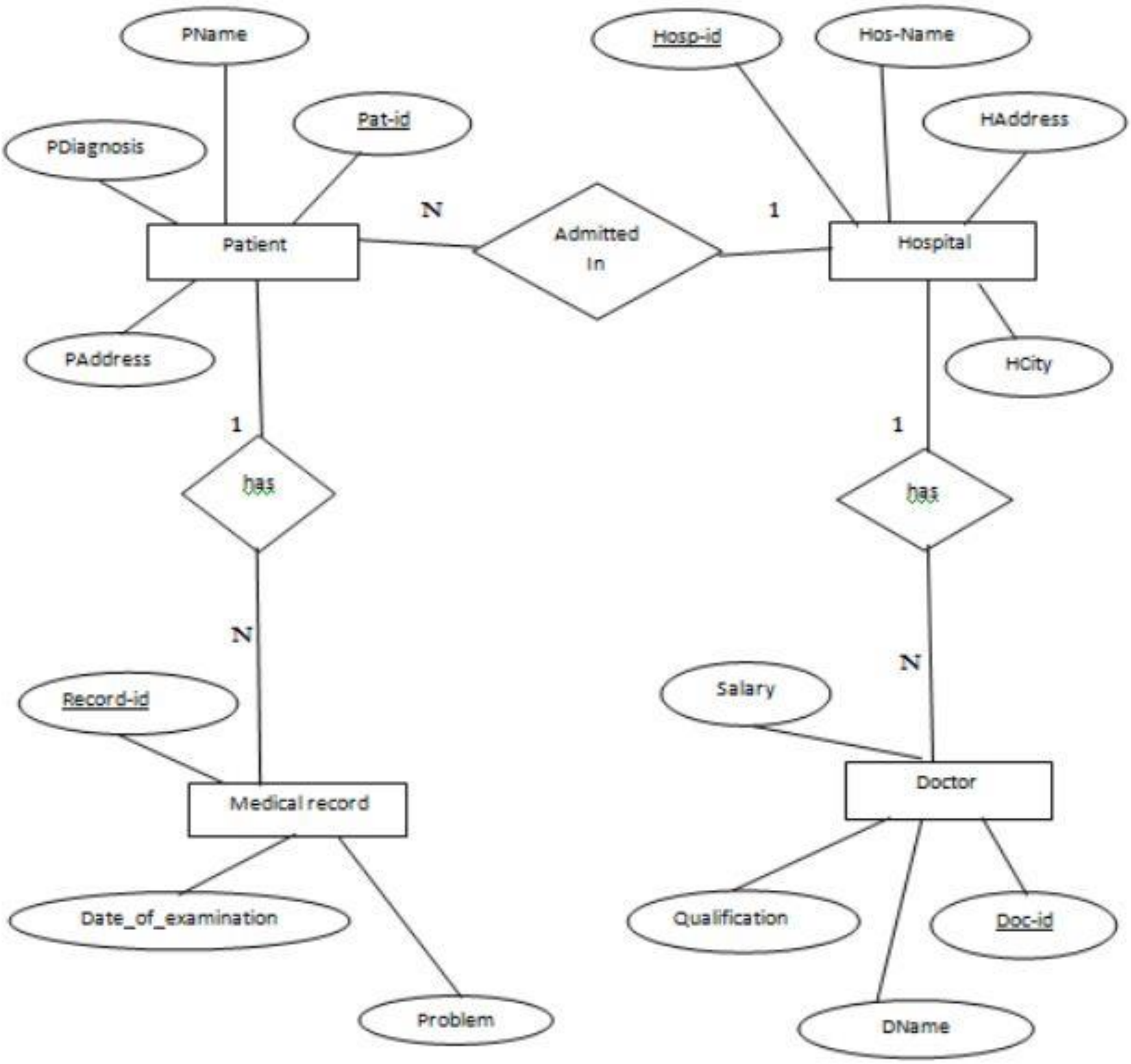


Fig3.1 SRS Diagram

4. Hospital Management System

Modules :

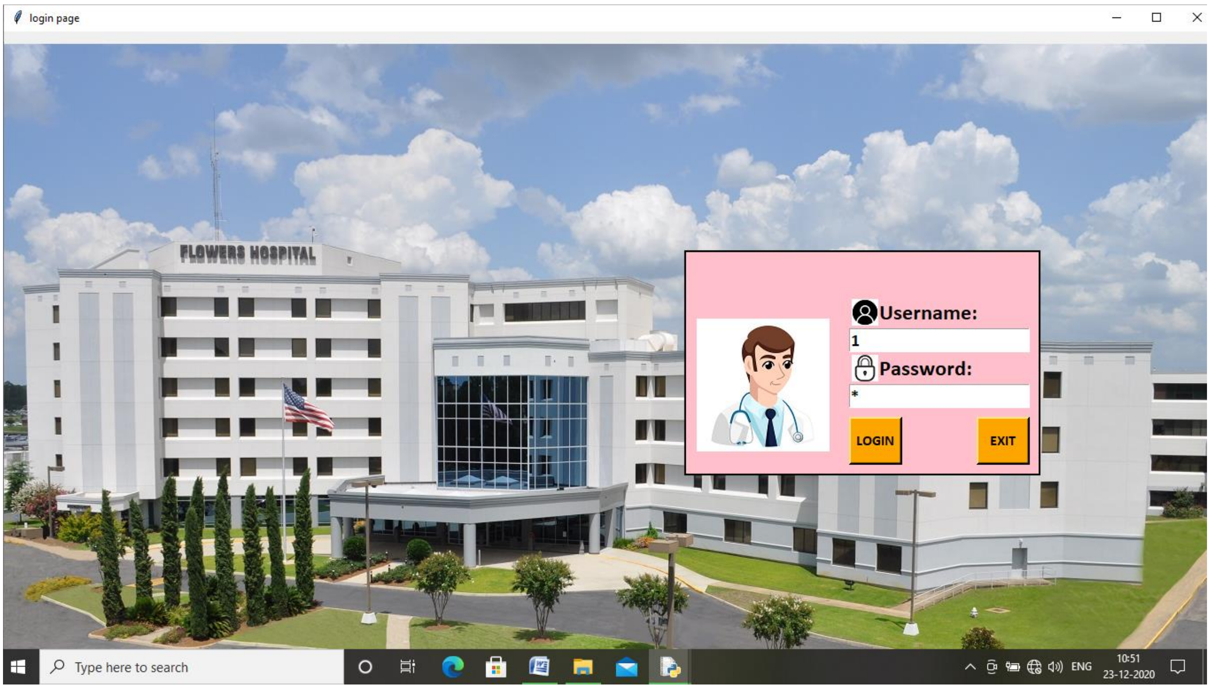
1. **Login Page**
2. **Home Page**
3. **Patient Registration**
4. **Patient Admit**
5. **Doctor Registration**
6. **Doctor information**
7. **Registration information**
8. **Patient Records**
9. **Generate Bill**
10. **Appointment**

Tool :

Python IDLE

DataBase :

Sqlite3



Username: 1

Password: *

Fig4.1 Login page with password 1,1

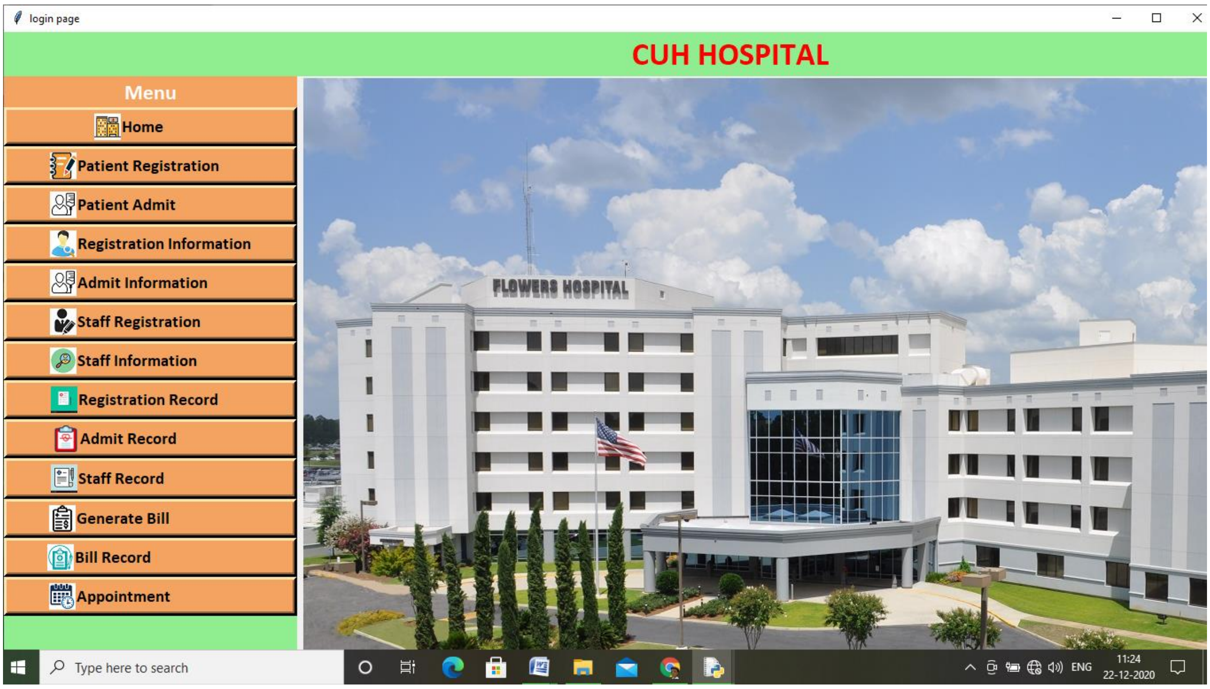
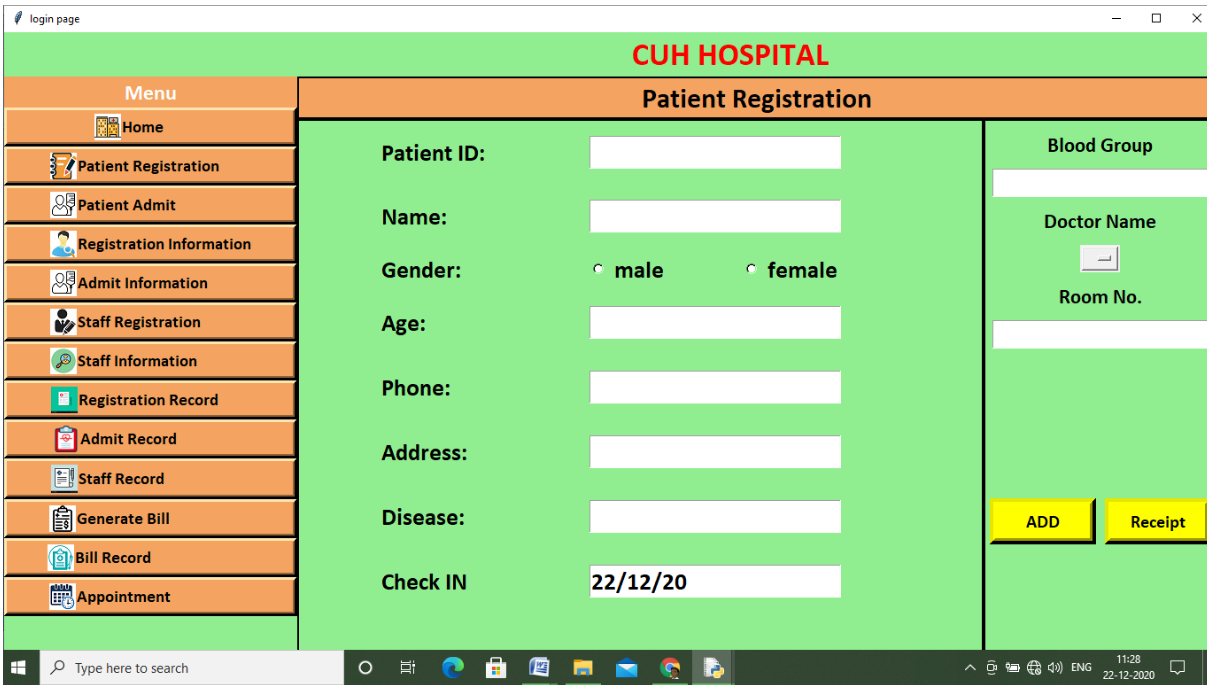


Fig4.2 Home page of software



Patient ID:

Name:

Gender: ○ male ○ female

Age:

Phone:

Address:

Disease:

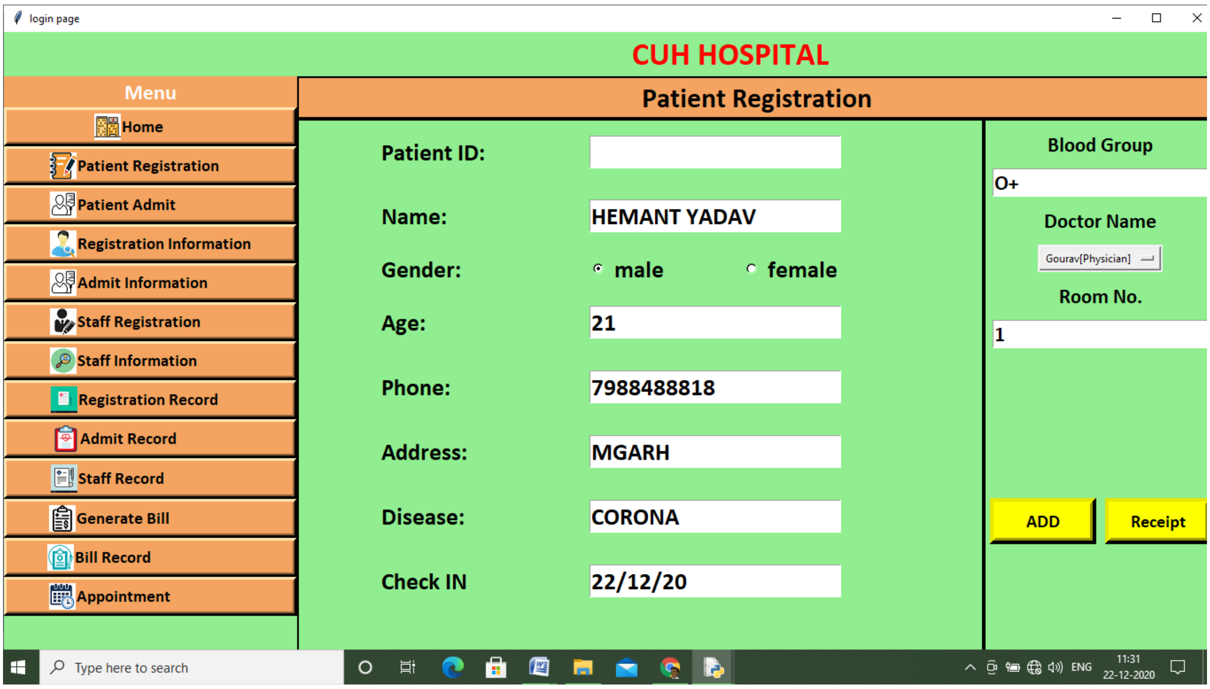
Check IN 22/12/20

Blood Group

Doctor Name

Room No.

Fig4.3 Patient registration frame



CUH HOSPITAL

Patient Registration

Patient ID:

Name: HEMANT YADAV

Gender: ● male ○ female

Age: 21

Phone: 7988488818

Address: MGARH

Disease: CORONA

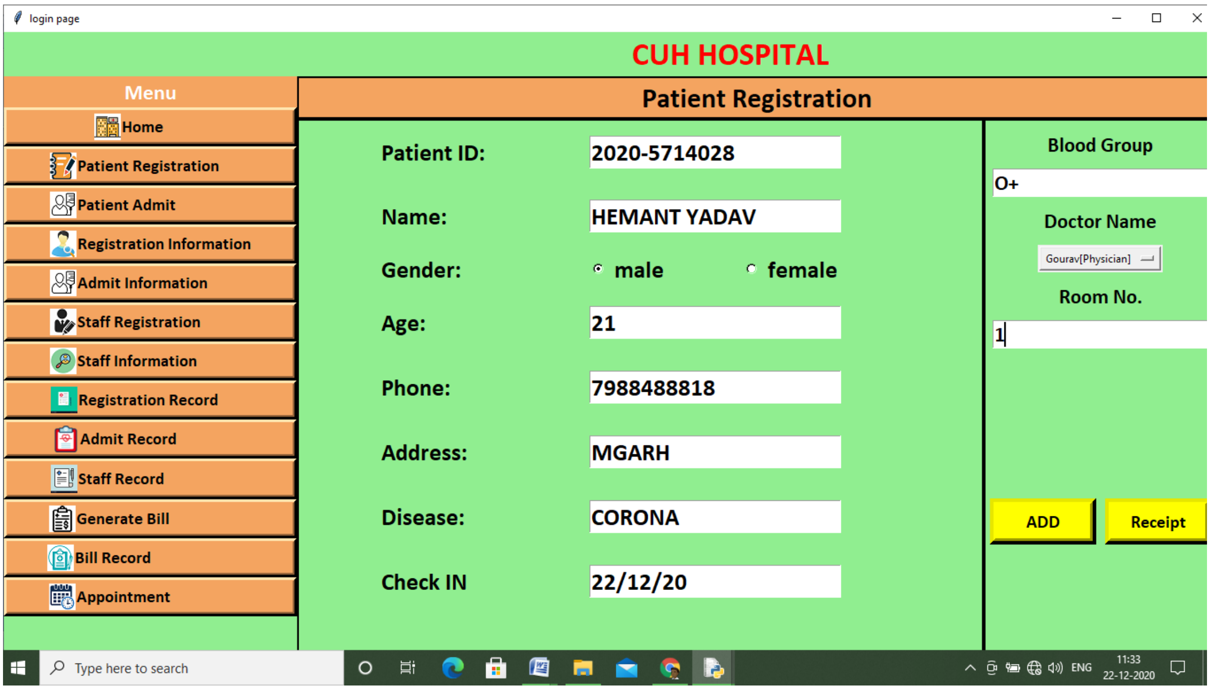
Check IN 22/12/20

Blood Group O+

Doctor Name Gourav[Physician]

Room No. 1

Fig4.4 Frame with data



CUH HOSPITAL

Patient Registration

Patient ID: 2020-5714028

Name: HEMANT YADAV

Gender: ● male ○ female

Age: 21

Phone: 7988488818

Address: MGARH

Disease: CORONA

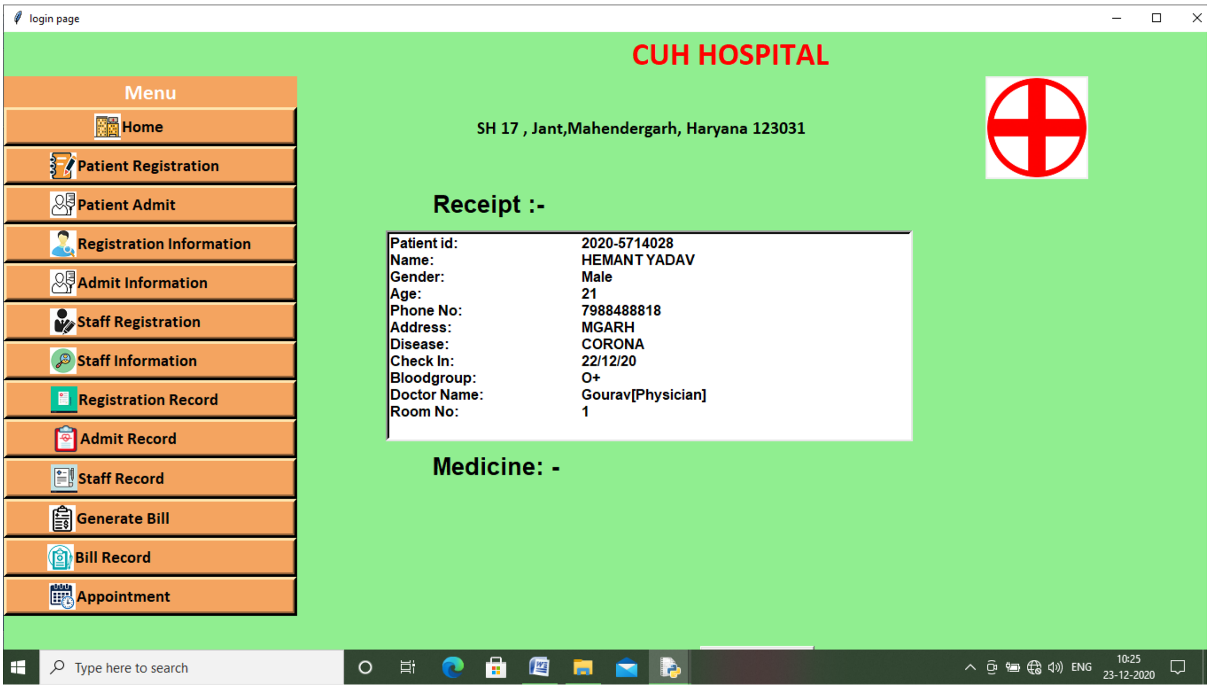
Check IN 22/12/20

Blood Group O+

Doctor Name Gourav[Physician]

Room No. 1

Fig4.5 Data saved



SH 17 , Jant,Mahendergarh, Haryana 123031

Receipt :-

Patient id:	2020-5714028
Name:	HEMANT YADAV
Gender:	Male
Age:	21
Phone No:	7988488818
Address:	MGARH
Disease:	CORONA
Check In:	22/12/20
Bloodgroup:	O+
Doctor Name:	Gourav[Physician]
Room No:	1

Medicine: -

Fig4.6 Receipt generated

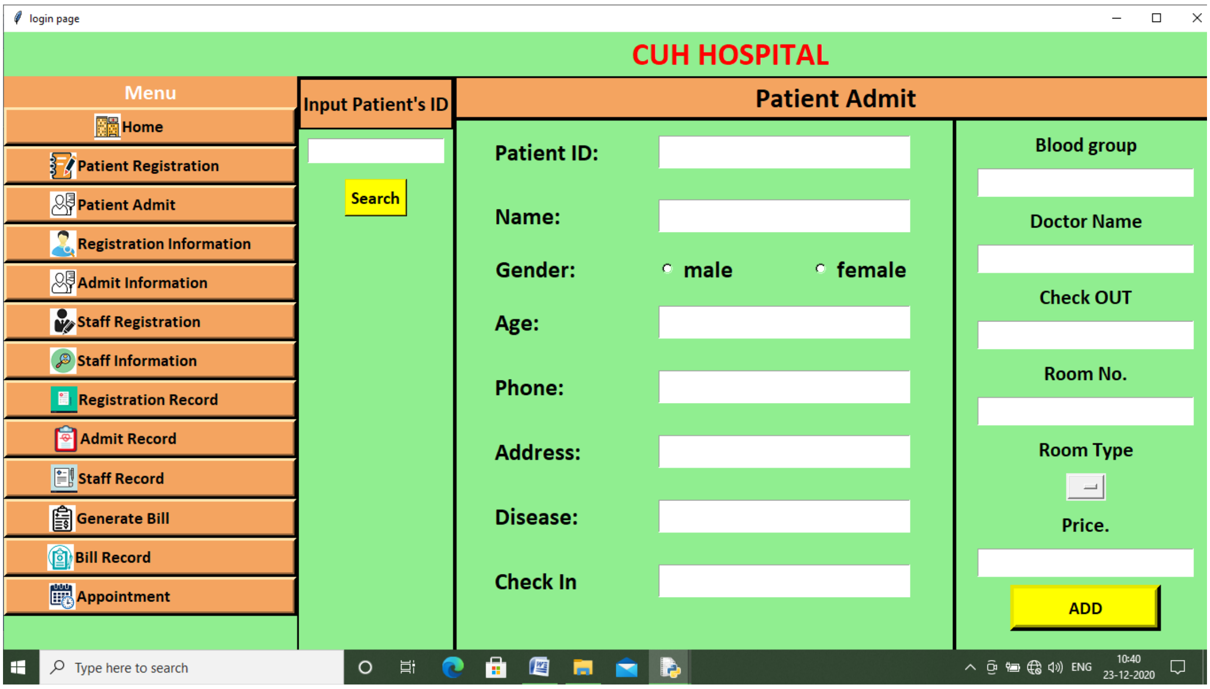
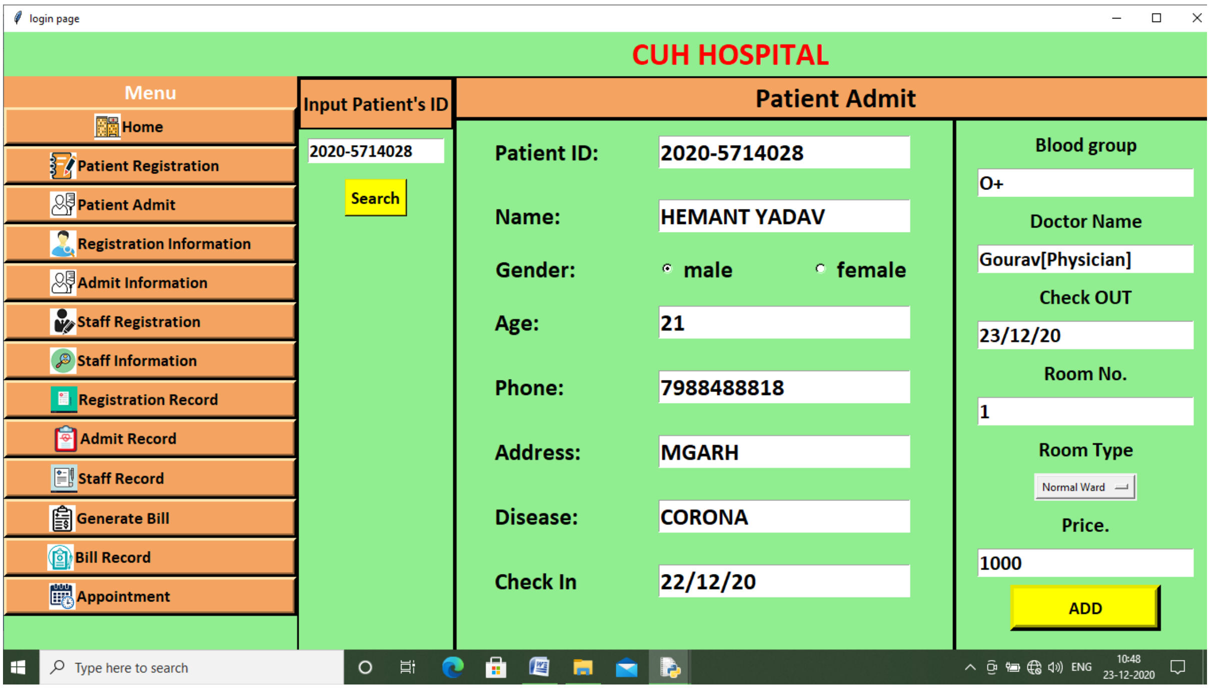


Fig4.7 Patient admit frame



Patient Admit

Input Patient's ID: 2020-5714028

Patient ID: 2020-5714028

Name: HEMANT YADAV

Gender: ○ male ○ female

Age: 21

Phone: 7988488818

Address: MGARH

Disease: CORONA

Check In: 22/12/20

Blood group: O+

Doctor Name: Gourav[Physician]

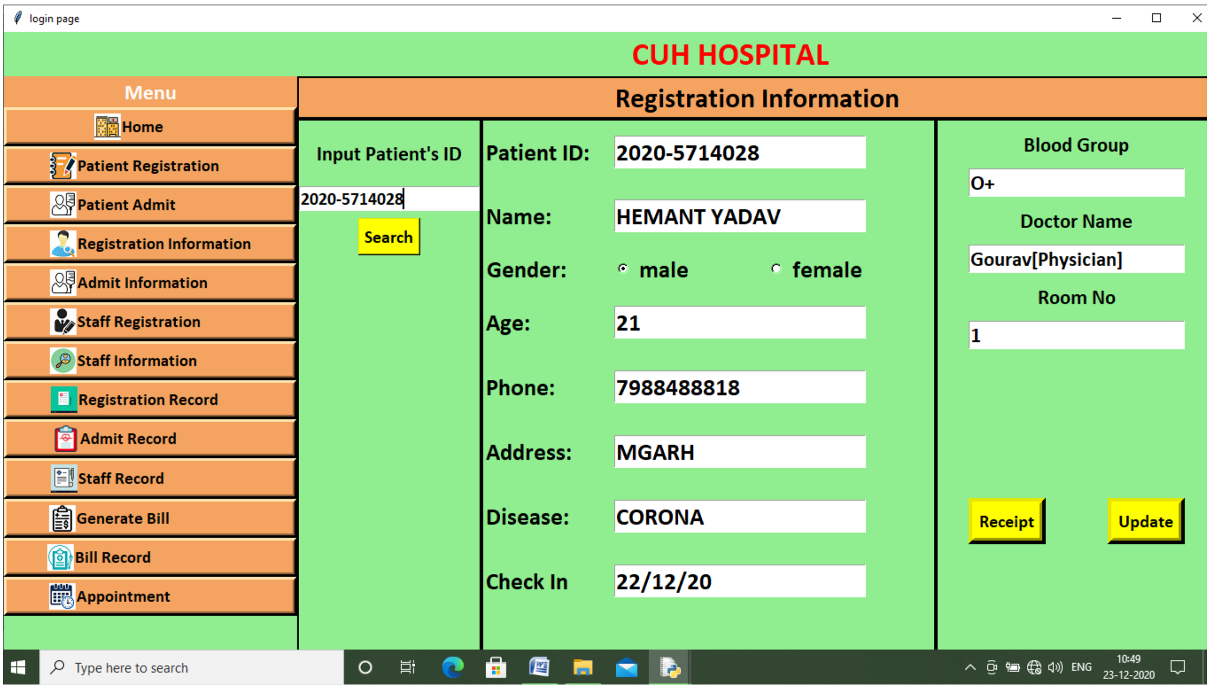
Check OUT: 23/12/20

Room No.: 1

Room Type: Normal Ward

Price.: 1000

Fig4.8 Frame with data



Registration Information

Input Patient's ID: 2020-5714028

Patient ID: 2020-5714028

Name: HEMANT YADAV

Gender: ○ male ○ female

Age: 21

Phone: 7988488818

Address: MGARH

Disease: CORONA

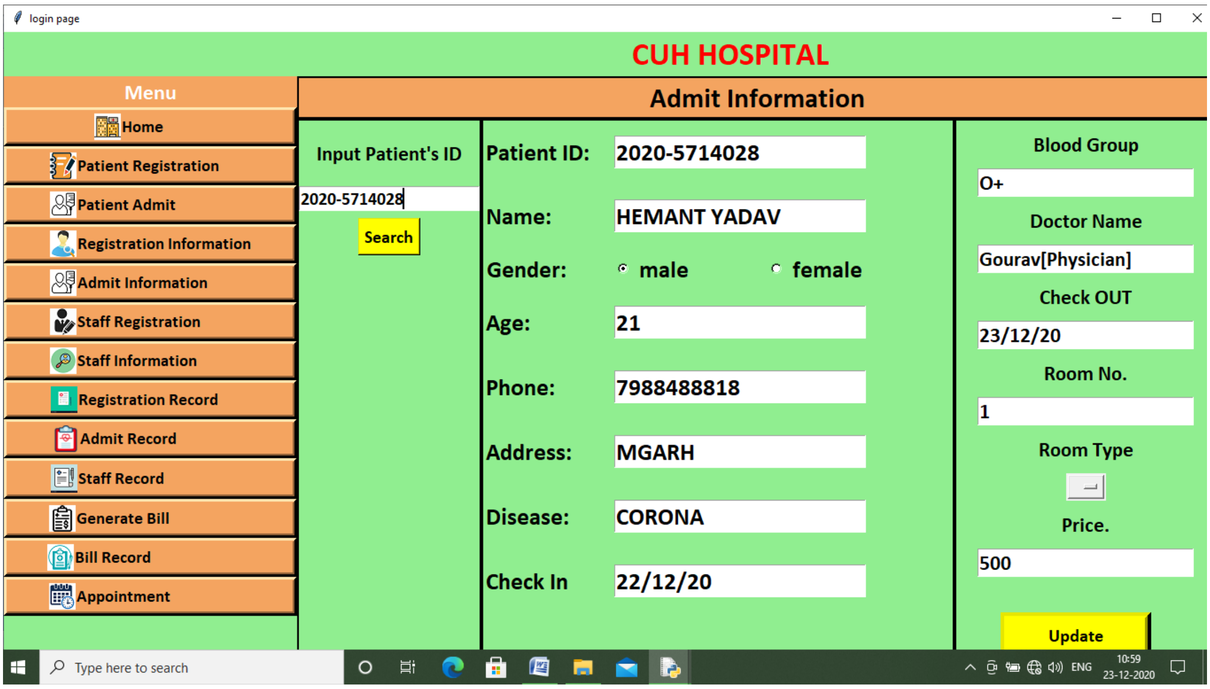
Check In: 22/12/20

Blood Group: O+

Doctor Name: Gourav[Physician]

Room No: 1

Fig4.9 Patient registration data search



CUH HOSPITAL

Admit Information

Input Patient's ID: 2020-5714028

Patient ID: 2020-5714028

Name: HEMANT YADAV

Gender: ● male ○ female

Age: 21

Phone: 7988488818

Address: MGARH

Disease: CORONA

Check In: 22/12/20

Blood Group: O+

Doctor Name: Gourav[Physician]

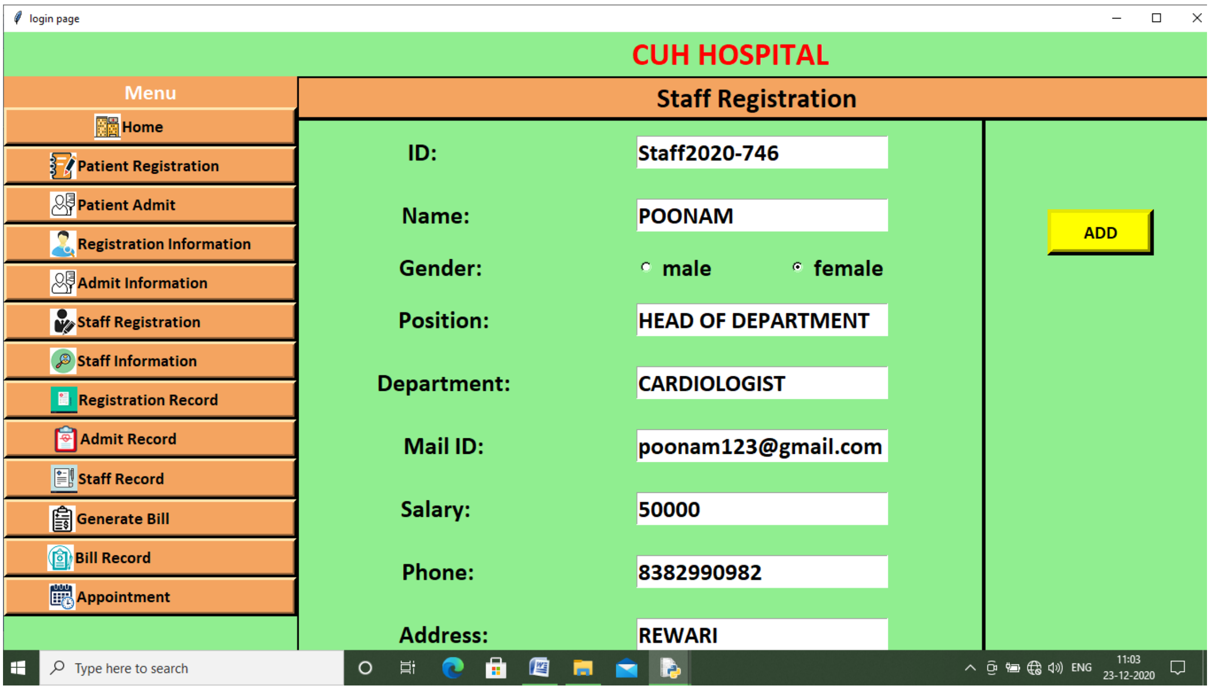
Check OUT: 23/12/20

Room No.: 1

Room Type:

Price.: 500

Fig4.10 Information fine out by searching



CUH HOSPITAL

Staff Registration

ID: Staff2020-746

Name: POONAM

Gender: ○ male ● female

Position: HEAD OF DEPARTMENT

Department: CARDIOLOGIST

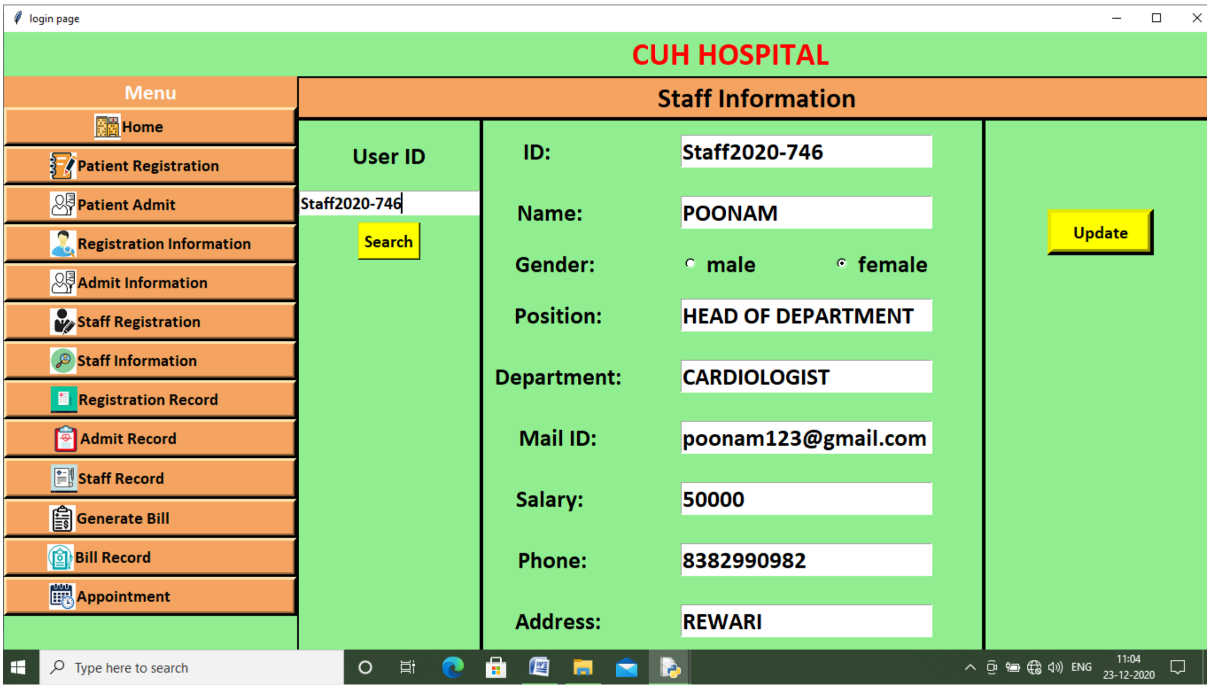
Mail ID: poonam123@gmail.com

Salary: 50000

Phone: 8382990982

Address: REWARI

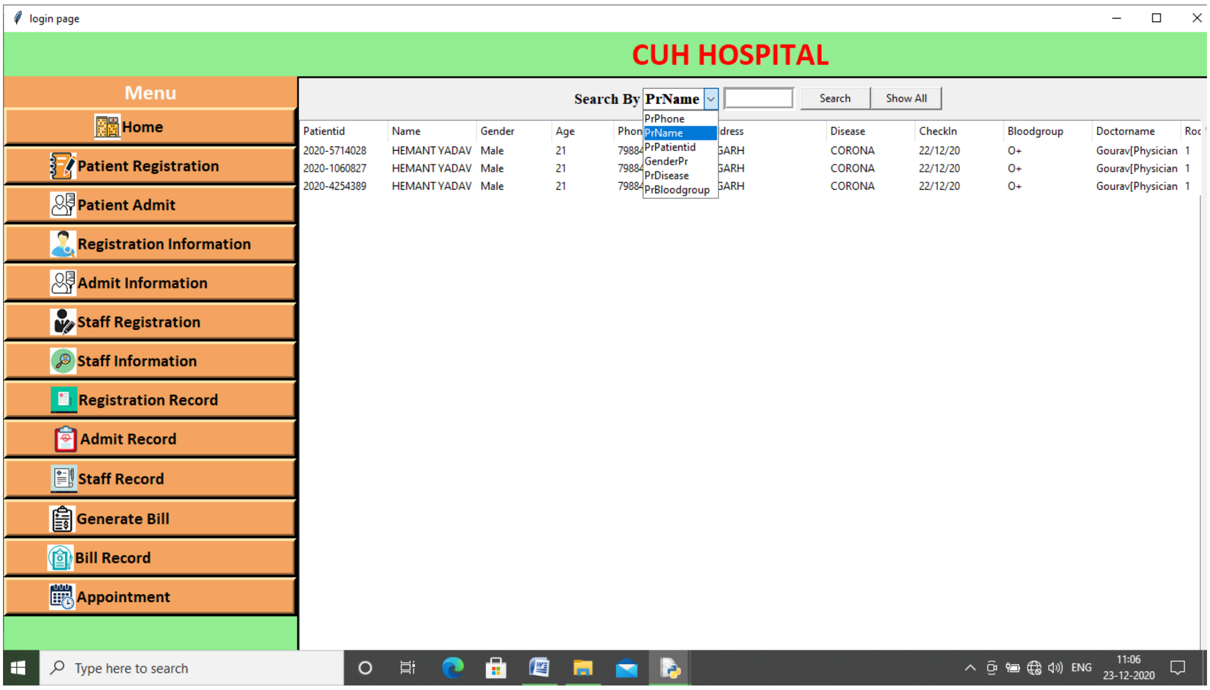
Fig4.11 Data saved



User ID: Staff2020-746

ID:	Staff2020-746
Name:	POONAM
Gender:	○ male ● female
Position:	HEAD OF DEPARTMENT
Department:	CARDIOLOGIST
Mail ID:	poonam123@gmail.com
Salary:	50000
Phone:	8382990982
Address:	REWARI

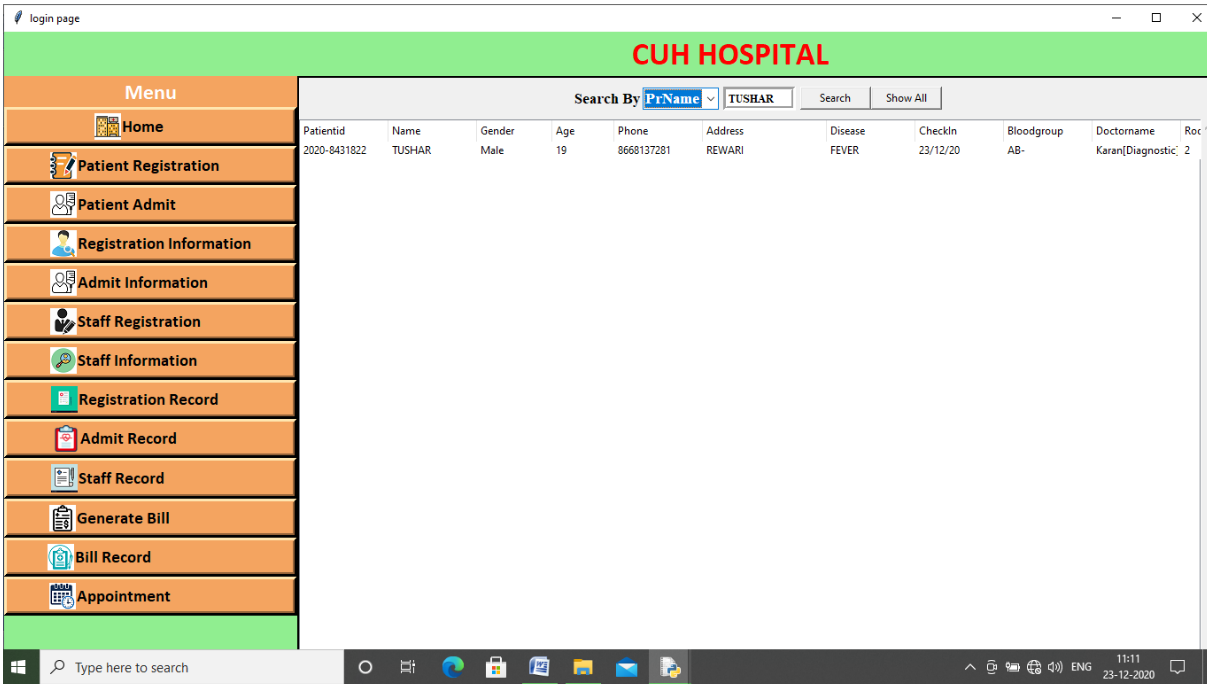
Fig4.12 Data search



Search By PrName

Patientid	Name	Gender	Age	Phon	dress	Disease	CheckIn	Bloodgroup	Doctorname	Roc
2020-5714028	HEMANT YADAV	Male	21	79884	GARH	CORONA	22/12/20	O+	Gourav[Physician	1
2020-1060827	HEMANT YADAV	Male	21	79884	GARH	CORONA	22/12/20	O+	Gourav[Physician	1
2020-4254389	HEMANT YADAV	Male	21	79884	GARH	CORONA	22/12/20	O+	Gourav[Physician	1

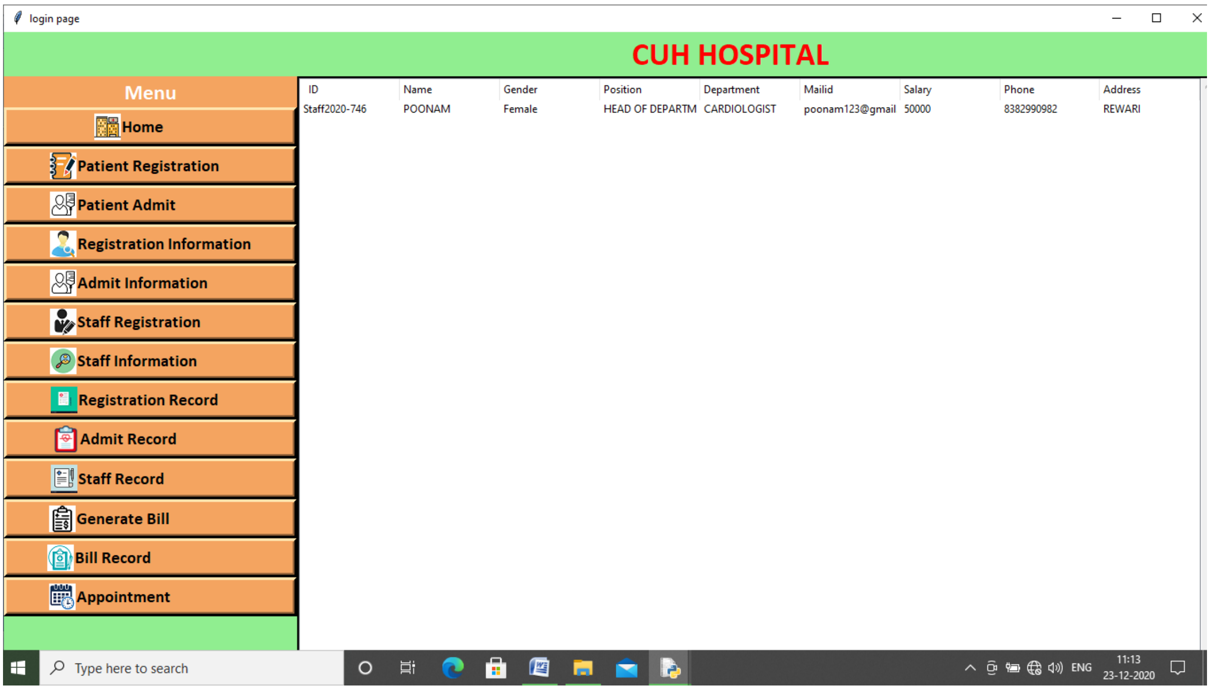
Fig4.13 Data search by name, id



Search By PrName TUSHAR Search Show All

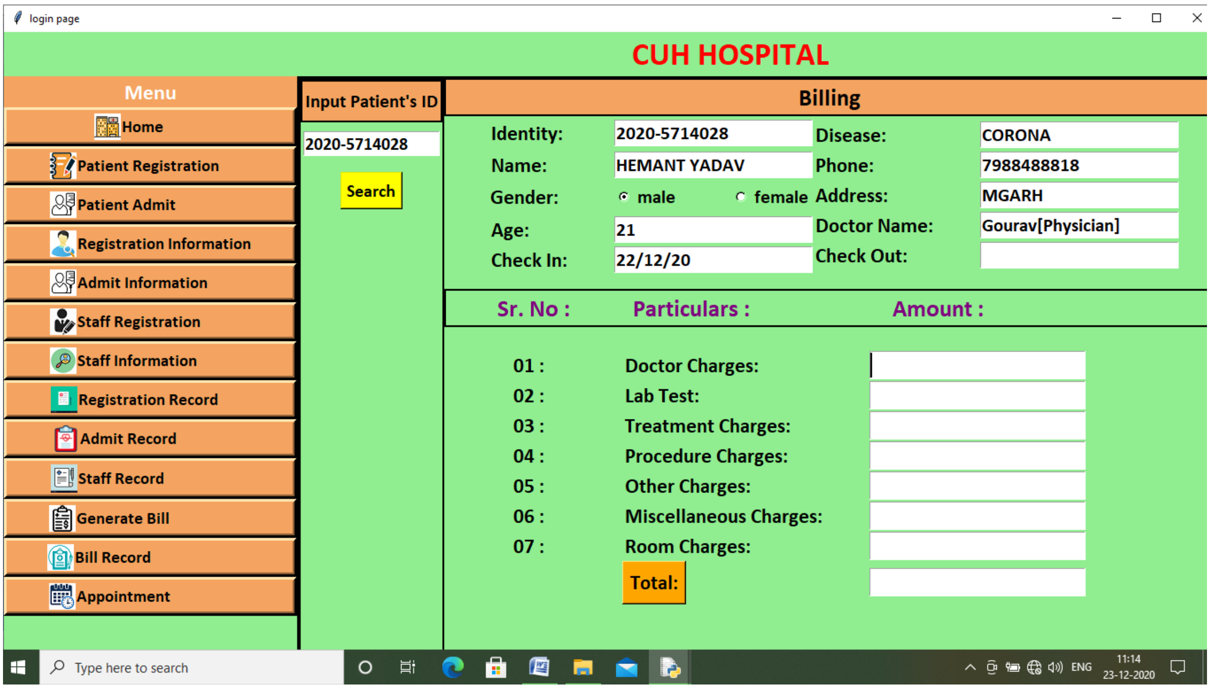
Patientid	Name	Gender	Age	Phone	Address	Disease	CheckIn	Bloodgroup	Doctorname	Roc
2020-8431822	TUSHAR	Male	19	8668137281	REWARI	FEVER	23/12/20	AB-	Karan[Diagnostic]	2

Fig4.14 Patient Data found



ID	Name	Gender	Position	Department	Mailid	Salary	Phone	Address
Staff2020-746	POONAM	Female	HEAD OF DEPARTM	CARDIOLOGIST	poonam123@gmail	50000	8382990982	REWARI

Fig4.15 Staff record found



CUH HOSPITAL

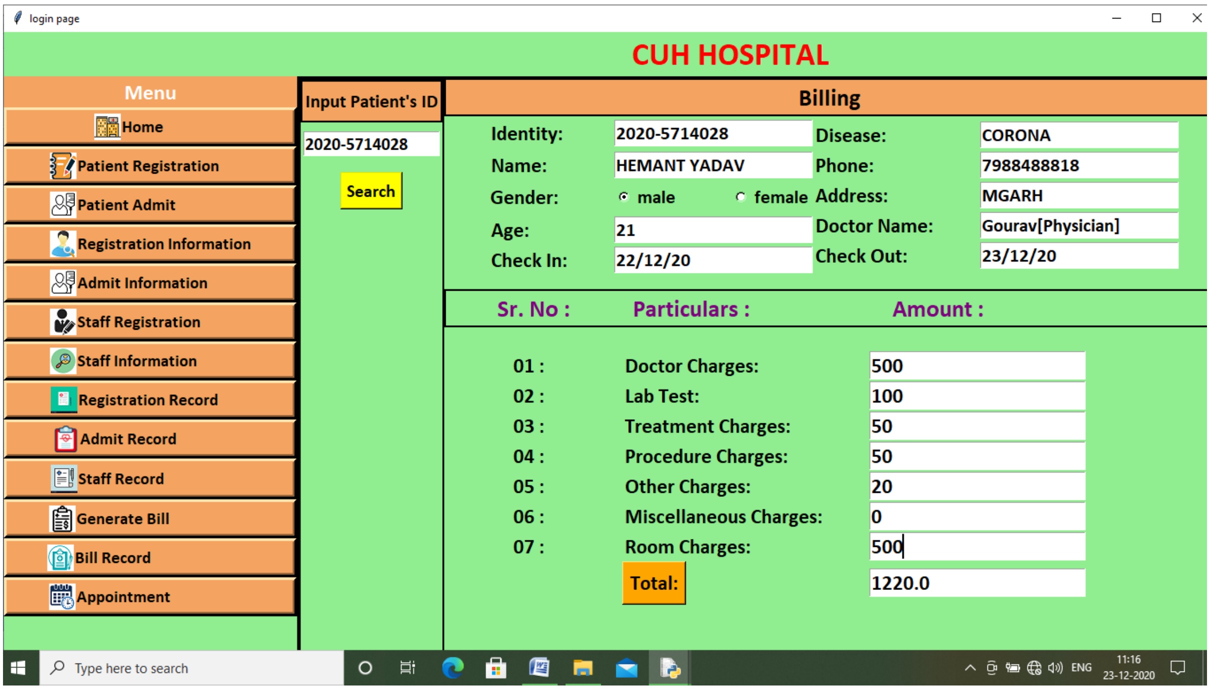
Input Patient's ID: 2020-5714028

Billing

Identity:	2020-5714028	Disease:	CORONA
Name:	HEMANT YADAV	Phone:	7988488818
Gender:	● male ○ female	Address:	MGARH
Age:	21	Doctor Name:	Gourav[Physician]
Check In:	22/12/20	Check Out:	

Sr. No :	Particulars :	Amount :
01 :	Doctor Charges:	
02 :	Lab Test:	
03 :	Treatment Charges:	
04 :	Procedure Charges:	
05 :	Other Charges:	
06 :	Miscellaneous Charges:	
07 :	Room Charges:	
	Total:	

Fig4.16 At billing no need to enter again patient data



CUH HOSPITAL

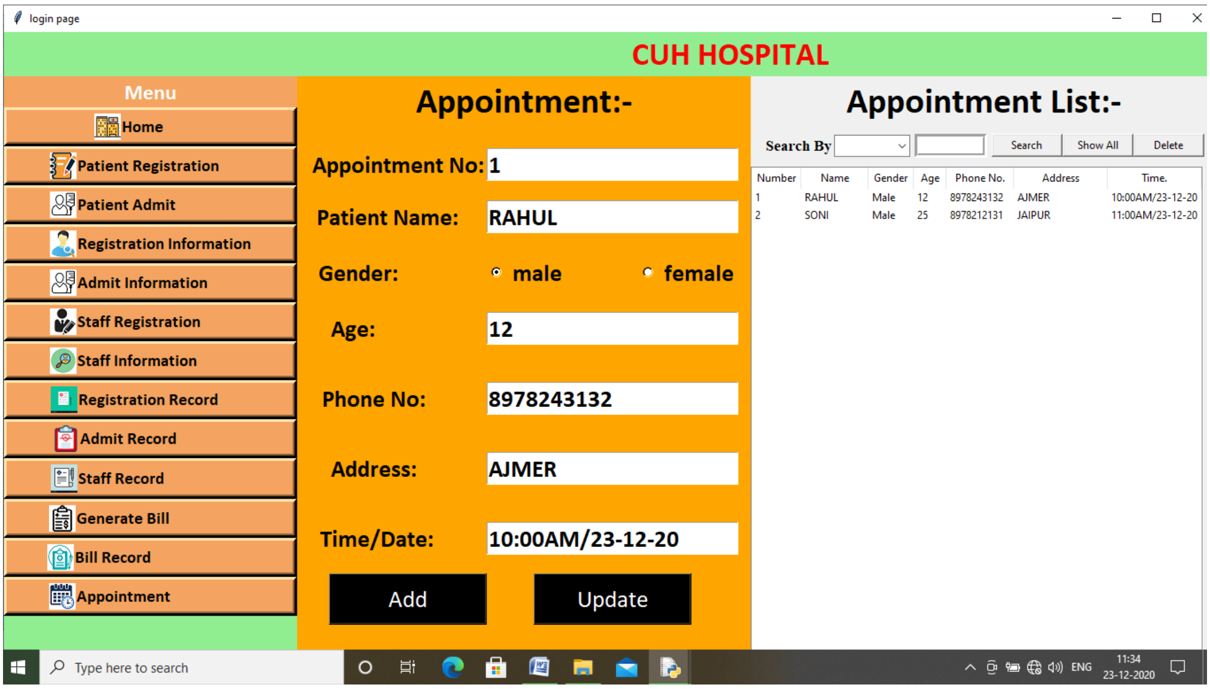
Input Patient's ID: 2020-5714028

Billing

Identity:	2020-5714028	Disease:	CORONA
Name:	HEMANT YADAV	Phone:	7988488818
Gender:	● male ○ female	Address:	MGARH
Age:	21	Doctor Name:	Gourav[Physician]
Check In:	22/12/20	Check Out:	23/12/20

Sr. No :	Particulars :	Amount :
01 :	Doctor Charges:	500
02 :	Lab Test:	100
03 :	Treatment Charges:	50
04 :	Procedure Charges:	50
05 :	Other Charges:	20
06 :	Miscellaneous Charges:	0
07 :	Room Charges:	500
	Total:	1220.0

Fig4.17 Automatic addition & Bill generated



Appointment:-

Appointment No: 1

Patient Name: RAHUL

Gender: ● male ○ female

Age: 12

Phone No: 8978243132

Address: AJMER

Time/Date: 10:00AM/23-12-20

Appointment List:-

Search By

Number	Name	Gender	Age	Phone No.	Address	Time.
1	RAHUL	Male	12	8978243132	AJMER	10:00AM/23-12-20
2	SONI	Male	25	8978212131	JAIPUR	11:00AM/23-12-20

Fig4.18 Appointment

Advantages

1. Automatic Patient Id generated
2. Easy to search patient data
3. At search frame no data entry is required
4. Automatic Bill generated.

Limitation

1. Not support to all system
2. Always remember Patient Id

Reference

1. www.tutorialspoint.com

2. www.W3school.com

Contributory Source Code

```
from tkinter import *
import time
import datetime
import tkinter.ttk as ttk
from tkinter import messagebox
import tkinter.messagebox as tkMessageBox
import sqlite3
import random
import tempfile
import os

global framemenuimage
global framehome
global framepatientregistrations
global framepatientadmit
global frameadmitrecord
global frameadmitrecord
global framerinfo
global frameainfo
global framestaffregistration
global framestaffinformation
global framemenuroot
global framerrecord
global framedoctorrecord
global framebill
global framereceipt
global framerireceiptimage
global imagecorner
global BlIdentity
global BlName
global GenderBl
global BlAge
global Blcheckin
global BlDisease
global BlPhone
global BlAddress
global BlDoctorname
global Blcheckout
global BlDoctorcharges
global BlLabtest
global TreatmentchargesBl
global BlProcedurecharges
global BlOthercharges
global BlMiscellaneouscharges
global BlRoomcharges
global BlTotal
global framereceiptimage
global framerireceiptimage
global frameprintbill
global imagemenu
global receiptimage
global receiptimager
global imagehome
global PrPatientid
global PrName
global GenderPr
global PrAge
global PrPhone
global PrAddress
global PrDisease
global PrCheckIn
global PrBloodgroup
global PrDoctorname
global PrRoomNo
global RiPatientid
global RiName
global GenderRi
global RiAge
global RiPhone
global RiAddress
global RiDisease
global RiCheckIn
global RiBloodgroup
global RiDoctorname
global RiRoomNo
global PaPatientid
global PaName
global GenderPa
global PaAge
global PaPhone
global PaAddress
global PaDisease
global PaCheckIn
global PaBloodgroup
global PaDoctorname
global PaCheckOut
global PaRoomNo
global PaRoomtype
global PaPrice
global AiPatientid
global AiName
global GenderAi
global AiAge
global AiPhone
global AiAddress
global AiDisease
global AiCheckIn
global AiBloodgroup
global AiDoctorname
global AiCheckOut
global AiRoomNo
global AiRoomtype
global AiPrice
global SrID
global SrName
global GenderSr
global SrPosition
global SrDepartment
global SrMailid
global SrSalary
global SrPhone
global SrAddress
global SiID
global SiName
global GenderSi
global SiPosition
global SiDepartment
global SiMailid
global SiSalary
global SiPhone
global SiAddress
global Patientregistration_table
global Patientadmit_table
global Patient_tables
global Item1
global Item2
global Item3
global Item4
global Item5
global Item6
global Item7
global OverAllCost
global BlTotal
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global BlrecordIdentity
global BlrecordName
global GenderBlrecord
global BlrecordAge
global Blrecordcheckin
global BlrecordDisease
global BlrecordPhone
global BlrecordAddress
global BlrecordDoctorname
global Blrecordcheckout
global BlrecordDoctorcharges
global BlrecordLabtest
global TreatmentchargesBlrecord
global BlrecordProcedurecharges
global BlrecordOthercharges
global BlrecordMiscellaneouscharges
global BlrecordRoomcharges
global BlrecordTotal
global Blsearch
global frameappointment
global frameappointmentright
global patientnoappointment
global patientnameappointment
global genderappointment
global ageappointment
global phonenoappointment
global addressappointment
global appointmenttime
global tree_table
global appointment_table
global PATIENTNOAPPOINTMENT
global PATIENTNAMEAPPOINTMENT
global GENDERAPPOINTMENT
global AGEAPPOINTMENT
global PHONENOAPPOINTMENT
global ADDRESSAPPOINTMENT
global APPOINTMENTTIME

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

counterhome=0
counterlogin=0
counterpreg=0
counterrinfo=0
counterpadmit=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

root= Tk()
root.title("login page")
root.geometry("1700x1000")
PrCheckIn = StringVar()
PrCheckIn.set(time.strftime("%d/%m/%y"))


def login():
   global framemenuimage
   global framereceiptimage
   global framehome
   global imagemenu
   global imagehome
   global framepatientregistration
   global framepatientadmit
   global frameadmitrecord
   global framerinfo
   global frameainfo
   global framemenuroot
   global framestaffregistration
   global framestaffinformation
   global framerrecord
   global framedoctorrecord
   global framebill
   global framereceipt
   global framerireceiptimage
   global PrPatientid
   global PrName
   global GenderPr
   global PrAge
   global PrPhone
   global PrAddress
   global PrDisease
   global PrCheckIn
   global PrBloodgroup
   global PrDoctorname
   global PrRoomNo
   global RiPatientid
   global RiName
   global GenderRi
   global RiAge
   global RiPhone
   global RiAddress
   global RiDisease
   global RiCheckIn
   global RiBloodgroup
   global RiDoctorname
   global RiRoomNo
   global PaPatientid
   global PaName
   global GenderPa
   global PaAge
   global PaPhone
   global PaAddress
   global PaDisease
   global PaCheckIn
   global PaBloodgroup
   global PaDoctorname
   global PaCheckOut
   global PaRoomNo
   global PaRoomtype
   global PaPrice
   global AiPatientid
   global AiName
   global GenderAi
   global AiAge
   global AiPhone
   global AiAddress
   global AiDisease
   global AiCheckIn
   global AiBloodgroup
   global AiDoctorname
   global AiCheckOut
   global AiRoomNo
   global AiRoomtype
   global AiPrice
   global SrID
   global SrName
   global GenderSr
   global SrPosition
   global SrDepartment
   global SrMailid
   global SrSalary
   global SrPhone
   global SrAddress
   global homeicon
   global patientregistrationicon
   global patientadmiticon
   global registrationinformationicon
   global admitinformationicon
   global doctorregistrationicon
   global doctorinformationicon
   global registrationrecordicon
   global admitrecordicon
   global doctorrecordicon
   global generatebillicon
   global billrecordicon
   global appointmenticon
   global framebillrecord
   global BlrecordIdentity
   global BlrecordName
   global GenderBlrecord
   global BlrecordAge
   global Blrecordcheckin
   global BlrecordDisease
   global BlrecordPhone
   global BlrecordAddress
   global BlrecordDoctorname
   global Blrecordcheckout
   global BlrecordDoctorcharges
   global BlrecordLabtest
   global TreatmentchargesBlrecord
   global BlrecordProcedurecharges
   global BlrecordOthercharges
   global BlrecordMiscellaneouscharges
   global BlrecordRoomcharges
   global BlrecordTotal
   global Blsearch
   global frameappointment
   global frameappointmentright
   global tree_table
   global appointment_table
   global Patientregistration_table

   global counterlogin
   global counterhome
   global counterpreg
   global counterrinfo
   global counterpadmit
   global counterainfo
   global countersreg
   global countersinfo
   global counterrrecord
   global counteradmitrecord
   global counterdrecord
   global counterbill
   global counterreceipt
   global counterrireceipt
   global counterprintbill
   global counterbillrecord
   global counterappointment

   counterlogin+=1
   counterhome=0
   counterpreg=0
   counterrinfo=0
   counterpadmit=0
   counterainfo=0
   countersreg=0
   countersinfo=0
   counterrrecord=0
   counteradmitrecord=0
   counterdrecord=0
   counterbill=0
   counterreceipt=0
   counterrireceipt=0
   counterprintbill=0
   counterbillrecord=0
   counterappointment=0


   if usernameVar.get()=="1" and passwordVar.get()=="1":
       try:
           frame1.destroy()
       except:
           pass
       try:
           framebillrecord.destroy()
       except:
           pass
       try:
           framereceiptimage.destroy()
       except:
           pass
       try:
           framerireceiptimage.destroy()
       except:
```

```
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
    framehome.destroy()
except:
    pass
try:
    framerinfo.destroy()
except:
    pass
try:
    framepatientregistration.destroy()
except:
    pass
try:
    frameainfo.destroy()
except:
    pass
try:
    framestaffregistration.destroy()
except:
    pass
try:
    framestaffinformation.destroy()
except:
    pass
try:
    framerrecord.destroy()
except:
    pass
try:
    framedoctorrecord.destroy()
except:
    pass
try:
    framebill.destroy()
except:
    pass
try:
    framereceipt.destroy()
except:
    pass
try:
    frameappointment.destroy()
except:
    pass
try:
```

```
            frameappointmentright.destroy()
        except:
            pass
    if counterlogin==1:
        def total():
            Item1=float(BlDoctorcharges.get())
            Item2=float(BlLabtest.get())
            Item3=float(TreatmentchargesBl.get())
            Item4=float(BlProcedurecharges.get())
            Item5=float(BlOthercharges.get())
            Item6=float(BlMiscellaneouscharges.get())
            Item7=float(BlRoomcharges.get())

            OverAllCost=str(Item1+Item2+Item3+Item4+Item5+Item6+Item7)
            BlTotal.set(OverAllCost)

        def Blsearch(ID):
            global Blsearch
            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from Bl where BlIdentity like '{0}' or BlName like '{0}' or BlPhone 
like '{0}'".format(ID)
            cursor.execute(query)
            for row in cursor:
                BlrecordIdentity.set(row[0])
                BlrecordName.set(row[1])
                GenderBlrecord.set(row[2])
                BlrecordAge.set(row[3])
                Blrecordcheckin.set(row[4])
                BlrecordDisease.set(row[5])
                BlrecordPhone.set(row[6])
                BlrecordAddress.set(row[7])
                BlrecordDoctorname.set(row[8])
                Blrecordcheckout.set(row[9])
                BlrecordDoctorcharges.set(row[10])
                BlrecordLabtest.set(row[11])
                TreatmentchargesBlrecord.set(row[12])
                BlrecordProcedurecharges.set(row[13])
                BlrecordOthercharges.set(row[14])
                BlrecordMiscellaneouscharges.set(row[15])
                BlrecordRoomcharges.set(row[16])
                BlrecordTotal.set(row[17])

        def savebill():
            global framemenuroot
            global framemenuimage
            global framereceiptimage
            global framerireceiptimage
            global frameprintbill
            global framehome
global BlIdentity
global BlName
global GenderBl
global BlAge
global Blcheckin
global BlDisease
global BlPhone
global BlAddress
global BlDoctorname
global Blcheckout
global BlDoctorcharges
global BlLabtest
global TreatmentchargesBl
global BlProcedurecharges
global BlOthercharges
global BlMiscellaneouscharges
global BlRoomcharges
global BlTotal
global imagemenu
global imagehome
global framereceipt
global framepatientregistration
global framepatientadmit
global frameadmitrecord
global framerinfo
global frameainfo
global framestaffregistration
global framestaffinformation
global framebill
global framerrecord
global framedoctorrecord
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global BlrecordIdentity
global BlrecordName
global GenderBlrecord
global BlrecordAge
global Blrecordcheckin
```

```
        global BlrecordDisease
        global BlrecordPhone
        global BlrecordAddress
        global BlrecordDoctorname
        global Blrecordcheckout
        global BlrecordDoctorcharges
        global BlrecordLabtest
        global TreatmentchargesBlrecord
        global BlrecordProcedurecharges
        global BlrecordOthercharges
        global BlrecordMiscellaneouscharges
        global BlrecordRoomcharges
        global BlrecordTotal
        global Blsearch
        global frameappointment
        global frameappointmentright
        global appointment_table

        global counterlogin
        global counterhome
        global counterpreg
        global counterrinfo
        global counterpadmit
        global counterainfo
        global countersreg
        global countersinfo
        global counterrrecord
        global counteradmitrecord
        global counterdrecord
        global counterbill
        global counterreceipt
        global counterrireceipt
        global counterprintbill
        global counterbillrecord
        global counterappointment

        if  BlIdentity.get() == "" or BlName.get() == "" or GenderBl.get() == "" or
int(BlAge.get()) == "" or Blcheckin.get() == ""  or BlDisease.get() == "" or
int(BlPhone.get()) == "" or BlDoctorname.get() == "" or Blcheckout.get() == ""  or
int(BlDoctorcharges.get()) == "" or int(BlLabtest.get()) == "" or
int(TreatmentchargesBl.get()) == "" or int(BlProcedurecharges.get()) == "" or
int(BlOthercharges.get()) == "" or int(BlMiscellaneouscharges.get()) == "" or
int(BlRoomcharges.get()) == "":
                result = tkMessageBox.showwarning('', 'Please Complete The Required Field',
icon="warning")
        else:
                connection=sqlite3.connect("HEMANT.db")
                cursor=connection.cursor()
                query = "insert into bl
values('{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}')".format(BlIde
ntity.get(),BlName.get(),GenderBl.get(),BlAge.get(),Blcheckin.get(),BlDisease.get(),BlPhone
.get(),BlAddress.get(),BlDoctorname.get(),Blcheckout.get(),BlDoctorcharges.get(),BlLabtest.
get(),TreatmentchargesBl.get(),BlProcedurecharges.get(),BlOthercharges.get(),BlMiscellaneo
uscharges.get(),BlRoomcharges.get(),BlTotal.get())
            cursor.execute(query)
            connection.commit()

            connection=sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from bl"
            cursor.execute(query)
            messagebox.showinfo("Congratulations","Data Added Successfully")

    def SubmitAppointment():
      appointment_table.delete(*appointment_table.get_children())
      connection = sqlite3.connect("HEMANT.db")
      cursor = connection.cursor()
      cursor.execute("INSERT INTO ap
(patientnoappointment,patientnameappointment,genderappointment,ageappointment,phoneno
appointment,addressappointment,appointmenttime) VALUES(?, ?, ?, ?, ?, ?,?)",
(str(PATIENTNOAPPOINTMENT.get()),str(PATIENTNAMEAPPOINTMENT.get()),
str(GENDERAPPOINTMENT.get()), str(AGEAPPOINTMENT.get()),
str(PHONENOAPPOINTMENT.get()), str(ADDRESSAPPOINTMENT.get()),
str(APPOINTMENTTIME.get())))
      connection.commit()
      cursor.execute("SELECT * FROM ap ORDER BY `patientnoappointment` ASC")
      fetch = cursor.fetchall()
      for data in fetch:
        appointment_table.insert('', 'end', values=(data))
      cursor.close()
      connection.close()
      PATIENTNOAPPOINTMENT.set("")
      PATIENTNAMEAPPOINTMENT.set("")
      GENDERAPPOINTMENT.set("")
      AGEAPPOINTMENT.set("")
      PHONENOAPPOINTMENT.set("")
      ADDRESSAPPOINTMENT.set("")
      APPOINTMENTTIME.set("")

    def selecteditem(ry):
      cursor_row=appointment_table.focus()
      contents=(appointment_table.item(cursor_row))
      row=contents['values']
      PATIENTNOAPPOINTMENT.set(row[0])
      PATIENTNAMEAPPOINTMENT.set(row[1])
      GENDERAPPOINTMENT.set(row[2])
      AGEAPPOINTMENT.set(row[3])
      PHONENOAPPOINTMENT.set(row[4])
      ADDRESSAPPOINTMENT.set(row[5])
      APPOINTMENTTIME.set(row[6])
```

```
        def DeleteData():
            if not appointment_table.selection():
               result = tkMessageBox.showwarning('', 'Please Select Something First!',
icon="warning")
            else:
                result = tkMessageBox.askquestion('', 'Are you sure you want to delete this
record?', icon="warning")
                if result == 'yes':
                    curItem = appointment_table.focus()
                    contents =(appointment_table.item(curItem))
                    selecteditem = contents['values']
                    appointment_table.delete(curItem)
                    connection = sqlite3.connect("HEMANT.db")
                    cursor = connection.cursor()
                    cursor.execute("DELETE FROM ap WHERE `patientnoappointment` = %d" %
selecteditem[0])
                    connection.commit()
                    cursor.close()
                    connection.close()



        def fetchappointment_data():
            connection=sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from ap"
            cursor.execute(query)

            rows=cursor.fetchall()
            if len(rows)!=0:
                appointment_table.delete(*appointment_table.get_children())
                for row in rows:
                    appointment_table.insert('',END,values=row)

                    connection.commit()
            connection.close()

        def search_data():
            connection=sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()

            cursor.execute("select * from ap where "+str(search_by.get())+" Like
'%"+str(search_txt.get())+"%'")
            rows=cursor.fetchall()
            if len(rows)!=0:
                    appointment_table.delete(*appointment_table.get_children())
                    for row in rows:
                            appointment_table.insert('',END,values=row)
                    connection.commit()
            connection.close()

        def updateappointment():
            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()

            query="update ap set patientnameappointment='{}',
genderappointment='{}',ageappointment='{}',phonenoappointment='{}',addressappointment=
'{}',appointmenttime='{}' where
patientnoappointment='{}'".format(PATIENTNAMEAPPOINTMENT.get(),GENDERAPPO
INTMENT.get(),AGEAPPOINTMENT.get(),PHONENOAPPOINTMENT.get(),ADDRESS
APPOINTMENT.get(),APPOINTMENTTIME.get(),PATIENTNOAPPOINTMENT.get())
            cursor.execute(query)
            connection.commit()
            fetchappointment_data()
            messagebox.showinfo("Congratulations ", "Data Updated Successfully")

        def Billsearch(ID):
            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from pr where PrPatientid like '{0}' or PrName like '{0}' or PrPhone
like '{0}'".format(ID)
            cursor.execute(query)
            for row in cursor:
                BlIdentity.set(row[0])
                BlName.set(row[1])
                GenderBl.set(row[2])
                BlAge.set(row[3])
                BlPhone.set(row[4])
                BlAddress.set(row[5])
                BlDisease.set(row[6])
                Blcheckin.set(row[7])
                BlDoctorname.set(row[9])

        def appointment():
            global framemenuroot
            global framemenuimage
            global framereceiptimage
            global framerireceiptimage
            global frameprintbill
            global framehome
            global BlIdentity
            global BlName
            global GenderBl
            global BlAge
            global Blcheckin
            global BlDisease
            global BlPhone
            global BlAddress
            global BlDoctorname
            global Blcheckout
            global BlDoctorcharges
            global BlLabtest
            global TreatmentchargesBl
            global BlProcedurecharges
            global BlOthercharges
            global BlMiscellaneouscharges
            global BlRoomcharges
            global BlTotal
            global imagemenu
            global imagehome
            global framereceipt
            global framepatientregistration
            global framepatientadmit
            global frameadmitrecord
            global framerinfo
            global frameainfo
            global framestaffregistration
            global framestaffinformation
            global framebill
            global framerrecord
            global framedoctorrecord
            global homeicon
            global patientregistrationicon
            global patientadmiticon
            global registrationinformationicon
            global admitinformationicon
            global doctorregistrationicon
            global doctorinformationicon
            global registrationrecordicon
            global admitrecordicon
            global doctorrecordicon
            global generatebillicon
            global billrecordicon
            global framebillrecord
            global BlrecordIdentity
            global BlrecordName
            global GenderBlrecord
            global BlrecordAge
            global Blrecordcheckin
            global BlrecordDisease
            global BlrecordPhone
            global BlrecordAddress
            global BlrecordDoctorname
            global Blrecordcheckout
            global BlrecordDoctorcharges
            global BlrecordLabtest
            global TreatmentchargesBlrecord
            global BlrecordProcedurecharges
            global BlrecordOthercharges
            global BlrecordMiscellaneouscharges
            global BlrecordRoomcharges
            global BlrecordTotal
            global Blsearch
            global frameappointment
            global frameappointmentright
            global patientnoappointment
            global patientnameappointment
            global genderappointment
            global ageappointment
            global phonenoappointment
            global addressappointment
            global appointmenttime
            global appointment_table
            global search_by
            global search_txt
            global PATIENTNOAPPOINTMENT
            global PATIENTNAMEAPPOINTMENT
            global GENDERAPPOINTMENT
            global AGEAPPOINTMENT
            global PHONENOAPPOINTMENT
            global ADDRESSAPPOINTMENT
            global APPOINTMENTTIME

            global counterlogin
            global counterhome
            global counterpreg
            global counterrinfo
            global counterpadmit
            global counterainfo
            global countersreg
            global countersinfo
            global counterrrecord
            global counteradmitrecord
            global counterdrecord
            global counterbill
            global counterreceipt
            global counterrireceipt
            global counterprintbill
            global counterbillrecord
            global counterappointment

            counterappointment+=1
            counterhome=0
            counterpreg=0
            counterrinfo=0
            counterpadmit=0
            counterainfo=0
            countersreg=0
            countersinfo=0
```

```
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbill=0
counterbillrecord=0

try:
   framemenuimage.destroy()
except:
   pass
try:
   frameprintbill.destroy()
except:
   pass
try:
   frame1.destroy()
except:
   pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framehome.destroy()
except:
   pass
try:
   framerinfo.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
```

```
        try:
            frameainfo.destroy()
        except:
            pass
        try:
            framestaffregistration.destroy()
        except:
            pass
        try:
            framestaffinformation.destroy()
        except:
            pass
        try:
            framerrecord.destroy()
        except:
            pass
        try:
            framebill.destroy()
        except:
            pass
        try:
            framedoctorrecord.destroy()
        except:
            pass
        try:
            framepatientregistration.destroy()
        except:
            pass
        try:
            framebillrecord.destroy()
        except:
            pass
        if counterappointment==1:
            frameappointment=Frame(root,bg="orange")
            frameappointment.pack(side=LEFT,fill=BOTH,expand=True)

            frameappointmentleft=Frame(frameappointment,height=100,width=500)
            frameappointmentleft.pack(side=TOP)

            labelappointment=Label(frameappointmentleft,text="Appointment:-
",bg="orange",fg="black",font=("calibri",30,"bold"))
            labelappointment.pack(anchor="nw")


frameappointmentlef=Frame(frameappointment,bg="orange",height=500,width=500)
            frameappointmentlef.pack(side=TOP,pady=25)

            patintnoappointment=Label(frameappointmentlef,text="Appointment
No:",bg="orange",font=("calibri",20,"bold"))
            patintnoappointment.grid(row=0,column=0)
```

```
	PATIENTNOAPPOINTMENT=StringVar()

entrypatientnoappointment=Entry(frameappointmentlef,textvariable=PATIENTNOAPPOIN
TMENT,font=("calibri",20,"bold"))
	entrypatientnoappointment.grid(row=0,column=1)

	patientnameappointment=Label(frameappointmentlef,text="Patient Name:
",bg="orange",font=("calibri",20,"bold"))
	patientnameappointment.grid(row=1,column=0,pady=20)

	PATIENTNAMEAPPOINTMENT=StringVar()

entrymenucode=Entry(frameappointmentlef,textvariable=PATIENTNAMEAPPOINTMENT
,font=("calibri",20,"bold"))
	entrymenucode.grid(row=1,column=1,pady=20)

	GENDERAPPOINTMENT=StringVar()
	GENDERAPPOINTMENT.set("")
	GENDERAPPOINTMENT.set(3)

	labelGender=Label(frameappointmentlef,text="Gender:
",bg="orange",font=("calibri",20,"bold"))
	labelGender.grid(row=2,column=0)

	i= IntVar()
	r1 =
Radiobutton(frameappointmentlef,text="male",value='Male',variable=GENDERAPPOINTM
ENT,bg="orange",font=("calibri",20,"bold"))
	r2 =
Radiobutton(frameappointmentlef,text="female",value='Female',variable=GENDERAPPOIN
TMENT,bg="orange",font=("calibri",20,"bold"))
	r1.grid(row=2,column=1,sticky="w")
	r2.grid(row=2,column=1,sticky="e",padx=0)

	labelItemName=Label(frameappointmentlef,text="Age:
",bg="orange",font=("calibri",20,"bold"))
	labelItemName.grid(row=3,column=0,pady=20)

	AGEAPPOINTMENT=StringVar()

entryitemname=Entry(frameappointmentlef,textvariable=AGEAPPOINTMENT,font=("calibr
i",20,"bold"))
	entryitemname.grid(row=3,column=1,pady=20)


	labelQuantity=Label(frameappointmentlef,text="Phone No:
",bg="orange",font=("calibri",20,"bold"))
	labelQuantity.grid(row=4,column=0,pady=20)
```

```
        PHONENOAPPOINTMENT=StringVar()

entryquantity=Entry(frameappointmentlef,textvariable=PHONENOAPPOINTMENT,font=("
calibri",20,"bold"))
        entryquantity.grid(row=4,column=1,pady=20)

        labelItemName=Label(frameappointmentlef,text="Address:
",bg="orange",font=("calibri",20,"bold"))
        labelItemName.grid(row=5,column=0,pady=20)

        ADDRESSAPPOINTMENT=StringVar()

entryitemname=Entry(frameappointmentlef,textvariable=ADDRESSAPPOINTMENT,font=(
"calibri",20,"bold"))
        entryitemname.grid(row=5,column=1,pady=20)

        labelGender=Label(frameappointmentlef,text="Time/Date:
",bg="orange",font=("calibri",20,"bold"))
        labelGender.grid(row=6,column=0,pady=20)

        APPOINTMENTTIME=StringVar()

entryfname=Entry(frameappointmentlef,textvariable=APPOINTMENTTIME,font=("calibri",
20,"bold"))
        entryfname.grid(row=6,column=1,pady=20)


buttonADD=Button(frameappointmentlef,text="Add",command=SubmitAppointment,bg="bl
ack",fg="white",width="12",font=("calibri",20))
        buttonADD.grid(row=7,column=0,sticky="e")


buttonUpdate=Button(frameappointmentlef,text="Update",command=updateappointment,bg
="black",fg="white",width="12",font=("calibri",20))
        buttonUpdate.grid(row=7,column=1)

        frameappointmentright=Frame(root,width=800,height=1000)
        frameappointmentright.pack(side=RIGHT,fill=BOTH,expand=True)

        frameappointmentrecord=Frame(frameappointmentright,width=800,height=60)
        frameappointmentrecord.pack(side=TOP)

        Edititem=Label(frameappointmentrecord,text="Appointment List:-
",fg="black",font=("calibri",30,"bold"))
        Edititem.pack(anchor="nw",padx=90)


frameappointmentrightrecord=Frame(frameappointmentright,bg="black",width=650,height=
500)
        frameappointmentrightrecord.pack(side=TOP)
```

```
            frameButton=Frame(frameappointmentrightrecord)
            frameButton.grid()

            lbl_search=Label(frameButton,text="Search By",fg="black",font=("times new
roman",13,"bold"))
            lbl_search.grid(row=0,column=0,pady=7,sticky="w")

            search_by=StringVar()

combo_search=ttk.Combobox(frameButton,textvariable=search_by,width=7,font=("times
new roman",13,"bold"),state='readonly')

combo_search['values']=("phonenoappointment","patientnameappointment","patientnoappoin
tment")
            combo_search.grid(row=0,column=1,pady=10)

            search_txt=StringVar()
            txt_search=Entry(frameButton,textvariable=search_txt,font=("times new
roman",10,"bold"),bd=5,relief=GROOVE,width=10)
            txt_search.grid(row=0,column=2,padx=5,pady=10,sticky="w")


searchbtn=Button(frameButton,text="Search",command=search_data,width=10).grid(row=0,
column=3,pady=10)
            showallbtn=Button(frameButton,text="Show
All",width=10,command=fetchappointment_data).grid(row=0,column=4,pady=10)

showallbtn=Button(frameButton,text="Delete",width=10,command=DeleteData).grid(row=0,
column=5,pady=10)


            scroll1=Scrollbar(frameappointmentright,orient=HORIZONTAL)
            scroll1.pack(side=BOTTOM,fill=X)
            scroll2=Scrollbar(frameappointmentright,orient=VERTICAL)
            scroll2.pack(side=RIGHT,fill=Y)


appointment_table=ttk.Treeview(frameappointmentright,columns=("Patientnoappointment","
Patientnameappointment","Genderappointment","Ageappointment","Phonenoappointment","
Addressappointment","Appointmenttime"),xscrollcommand=scroll1.set,yscrollcommand=scr
oll2.set)
            scroll1.config(command=appointment_table.xview)
            scroll2.config(command=appointment_table.yview)
            appointment_table.heading("Patientnoappointment",text="Number")
            appointment_table.heading("Patientnameappointment",text="Name")
            appointment_table.heading("Genderappointment",text="Gender")
            appointment_table.heading("Ageappointment",text="Age")
            appointment_table.heading("Phonenoappointment",text="Phone No.")
            appointment_table.heading("Addressappointment",text="Address")
```

```
        appointment_table.heading("Appointmenttime",text="Time.")

        appointment_table['show']='headings'
        appointment_table.column("Patientnoappointment",width=50)
        appointment_table.column("Patientnameappointment",width=70)
        appointment_table.column("Genderappointment",width=45)
        appointment_table.column("Ageappointment",width=30)
        appointment_table.column("Phonenoappointment",width=70)
        appointment_table.column("Addressappointment",width=100)
        appointment_table.column("Appointmenttime",width=100)

        appointment_table.pack(fill=BOTH,expand=True)
        fetchappointment_data()
        appointment_table.bind("<ButtonRelease-1>",selecteditem)




def billrecord():
    global framemenuroot
    global framemenuimage
    global framereceiptimage
    global framerireceiptimage
    global frameprintbill
    global framehome
    global BlIdentity
    global BlName
    global GenderBl
    global BlAge
    global Blcheckin
    global BlDisease
    global BlPhone
    global BlAddress
    global BlDoctorname
    global Blcheckout
    global BlDoctorcharges
    global BlLabtest
    global TreatmentchargesBl
    global BlProcedurecharges
    global BlOthercharges
    global BlMiscellaneouscharges
    global BlRoomcharges
    global BlTotal
    global imagemenu
    global imagehome
    global framereceipt
    global framepatientregistration
    global framepatientadmit
    global frameadmitrecord
    global framerinfo
global frameainfo
global framestaffregistration
global framestaffinformation
global framebill
global framerrecord
global framedoctorrecord
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global BlrecordIdentity
global BlrecordName
global GenderBlrecord
global BlrecordAge
global Blrecordcheckin
global BlrecordDisease
global BlrecordPhone
global BlrecordAddress
global BlrecordDoctorname
global Blrecordcheckout
global BlrecordDoctorcharges
global BlrecordLabtest
global TreatmentchargesBlrecord
global BlrecordProcedurecharges
global BlrecordOthercharges
global BlrecordMiscellaneouscharges
global BlrecordRoomcharges
global BlrecordTotal
global Blsearch
global frameappointment
global frameappointmentright

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

counterbillrecord+=1
counterhome=0
counterpreg=0
counterrinfo=0
counterpadmit=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbill=0
counterappointment=0

try:
   framemenuimage.destroy()
except:
   pass
try:
   frameprintbill.destroy()
except:
   pass
try:
   frame1.destroy()
except:
   pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
```

```
except:
        pass
try:
   framehome.destroy()
except:
   pass
try:
   framerinfo.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
        frameadmitrecord.destroy()
except:
        pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framestaffinformation.destroy()
except:
   pass
try:
   framerrecord.destroy()
except:
   pass
try:
   framebill.destroy()
except:
   pass
try:
   framedoctorrecord.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
        frameappointment.destroy()
except:
        pass
        try:
                frameappointmentright.destroy()
        except:
                pass
        if counterbillrecord==1:
           framebillrecord=Frame(root,relief="solid",borderwidth=2,bg="lightgreen")
           framebillrecord.pack(side="right",fill=BOTH,expand=True)


frameybillr=Frame(framebillrecord,bg="sandybrown",relief="solid",borderwidth=2)
           frameybillr.pack(side=TOP,fill=X)

           labelbill=Label(frameybillr,text="Bill
Record",bg="sandybrown",fg="black",font=("calibri",20,"bold"))
           labelbill.pack()


frameq=Frame(framebillrecord,width=100,relief="solid",borderwidth=2,bg="lightgreen")
           frameq.pack(side="left",fill=Y)

           labelinputid=Label(frameq,text="Input Patient
id",fg="black",bg="lightgreen",font=("calibri",20,"bold"))
           labelinputid.pack(side=TOP)

           searchbillrecord=StringVar()

Username=Entry(frameq,width="17",textvariable=searchbillrecord,font=("calibri",15,"bold")
)
           Username.pack()


Searchbutton=Button(frameq,text="Search",command=lambda:Blsearch(searchbillrecord.get
()),bg="yellow",font=("calibri",15,"bold"))
           Searchbutton.pack(side=TOP,pady=8)

           framezbill=Frame(framebillrecord,bg="sandybrown",relief="solid",borderwidth=2)
           framezbill.pack(side=TOP,fill=X)



           frametbill=Frame(framebillrecord,height="200",bg="lightgreen")
           frametbill.pack(side=TOP,fill=X)

           framebrleft=Frame(frametbill,height="200",width="685",bg="lightgreen")
           framebrleft.pack(side=LEFT)


labelPatient_id=Label(framebrleft,text="Identity:",bg="lightgreen",font=("calibri",16,"bold")
)
           labelPatient_id.grid(row=0,column=0,sticky="w",padx="30",pady=2)
           BlrecordIdentity=StringVar()

Identity=Entry(framebrleft,textvariable=BlrecordIdentity,font=("calibri",16,"bold"))
           Identity.grid(row=0,column=1)


labelName=Label(framebrleft,text="Name:",bg="lightgreen",font=("calibri",16,"bold"))
           labelName.grid(row=1,column=0,sticky="w",padx="30")

           BlrecordName=StringVar()
           Name=Entry(framebrleft,textvariable=BlrecordName,font=("calibri",16,"bold"))
           Name.grid(row=1,column=1)

           GenderBlrecord=StringVar()
           GenderBlrecord.set("")

           labelGender=Label(framebrleft,text="Gender:
",bg="lightgreen",font=("calibri",16,"bold"))
           labelGender.grid(row=2,column=0)

           i= IntVar()
           r1 =
Radiobutton(framebrleft,text="male",value='Male',variable=GenderBlrecord,bg="lightgreen"
,font=("calibri",16,"bold"))
           r2 =
Radiobutton(framebrleft,text="female",value='Female',variable=GenderBlrecord,bg="lightgr
een",font=("calibri",16,"bold"))
           r1.grid(row=2,column=1,sticky="w")
           r2.grid(row=2,column=1,sticky="e",padx=0)
           GenderBlrecord.set(3)



labelAge=Label(framebrleft,text="Age:",bg="lightgreen",font=("calibri",16,"bold"))
           labelAge.grid(row=3,column=0,sticky="w",padx="30")

           BlrecordAge=StringVar()
           Age=Entry(framebrleft,textvariable=BlrecordAge,font=("calibri",16,"bold"))
           Age.grid(row=3,column=1)

           labelCheckIn=Label(framebrleft,text="Check
In:",bg="lightgreen",font=("calibri",16,"bold"))
           labelCheckIn.grid(row=4,column=0,sticky="w",padx="30")

           Blrecordcheckin=StringVar()

checkin=Entry(framebrleft,textvariable=Blrecordcheckin,font=("calibri",16,"bold"))
           checkin.grid(row=4,column=1)
```

```
            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)

            framebrights=Frame(frametbill,height="200",bg="lightgreen",width="685")
            framebrights.pack(side=RIGHT)


labelAge=Label(framebrights,text="Disease:",bg="lightgreen",font=("calibri",16,"bold"))
            labelAge.grid(row=0,column=0,sticky="w",padx=20)

            BlrecordDisease=StringVar()

Disease=Entry(framebrights,textvariable=BlrecordDisease,font=("calibri",16,"bold"))
            Disease.grid(row=0,column=1,padx="0")


labelPhone=Label(framebrights,text="Phone:",bg="lightgreen",font=("calibri",16,"bold"))
            labelPhone.grid(row=1,column=0,sticky="w",padx=20)

            BlrecordPhone=StringVar()
            Phone=Entry(framebrights,textvariable=BlrecordPhone,font=("calibri",16,"bold"))
            Phone.grid(row=1,column=1,padx="30")


labelAddress=Label(framebrights,text="Address:",bg="lightgreen",font=("calibri",16,"bold")
)
            labelAddress.grid(row=2,column=0,sticky="w",padx=20)

            BlrecordAddress=StringVar()

Address=Entry(framebrights,textvariable=BlrecordAddress,font=("calibri",16,"bold"))
            Address.grid(row=2,column=1,padx="30")

            labelDisease=Label(framebrights,text="Doctor
Name:",bg="lightgreen",font=("calibri",16,"bold"))
            labelDisease.grid(row=3,column=0,sticky="w",padx=20)

            BlrecordDoctorname=StringVar()

Doctorname=Entry(framebrights,textvariable=BlrecordDoctorname,font=("calibri",16,"bold"
))
            Doctorname.grid(row=3,column=1,padx="30")

            labelCheckOut=Label(framebrights,text="Check
Out:",bg="lightgreen",font=("calibri",16,"bold"))
```

```
            labelCheckOut.grid(row=4,column=0,sticky="w",padx=20)

            Blrecordcheckout=StringVar()

checkout=Entry(framebrights,textvariable=Blrecordcheckout,font=("calibri",16,"bold"))
            checkout.grid(row=4,column=1,padx="30")

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)


framebottomr=Frame(framebillrecord,relief="solid",bg="lightgreen",borderwidth=2)
            framebottomr.pack(side=TOP,fill=X,pady=16)

            labelPatient_id=Label(framebottomr,text="Sr. No
:",bg="lightgreen",fg="Purple",font=("calibri",20,"bold"))
            labelPatient_id.grid(row=0,column=0,sticky="w",padx=60)
            labelPatient_id=Label(framebottomr,text="Particulars
:",bg="lightgreen",fg="Purple",font=("calibri",20,"bold"))
            labelPatient_id.grid(row=0,column=1,sticky="w",padx=60)
            labelPatient_id=Label(framebottomr,text="Amount
:",bg="lightgreen",fg="Purple",font=("calibri",20,"bold"))
            labelPatient_id.grid(row=0,column=2,sticky="e",padx=130)

            root.grid_rowconfigure(0,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)
            root.grid_columnconfigure(2,weight=1)

            framebox=Frame(framebillrecord,bg="lightgreen")
            framebox.pack(side=TOP,fill=BOTH,expand=True,pady="10")

            labelPatient_id=Label(framebox,text="01
:",bg="lightgreen",font=("calibri",17,"bold"))
            labelPatient_id.grid(row=0,column=0,sticky="w",padx=70)
            labelPatient_id=Label(framebox,text="Doctor
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
            labelPatient_id.grid(row=0,column=1,sticky="w",padx=45)

            BlrecordDoctorcharges=StringVar()

Doctorcharges=Entry(framebox,textvariable=BlrecordDoctorcharges,font=("calibri",17,"bold
"))
            Doctorcharges.grid(row=0,column=2,sticky="w")
```

```
        labelName=Label(framebox,text="02 :",bg="lightgreen",font=("calibri",17,"bold"))
        labelName.grid(row=1,column=0,sticky="w",padx=70)
        labelName=Label(framebox,text="Lab
Test:",bg="lightgreen",font=("calibri",17,"bold"))
        labelName.grid(row=1,column=1,sticky="w",padx=45)

        BlrecordLabtest=StringVar()
        Labtest=Entry(framebox,textvariable=BlrecordLabtest,font=("calibri",17,"bold"))
        Labtest.grid(row=1,column=2,sticky="w")

        labelGender=Label(framebox,text="03
:",bg="lightgreen",font=("calibri",17,"bold"))
        labelGender.grid(row=2,column=0,sticky="w",padx=70)
        labelGender=Label(framebox,text="Treatment
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelGender.grid(row=2,column=1,sticky="w",padx=45)

        TreatmentchargesBlrecord=StringVar()

Treatmentcharges=Entry(framebox,textvariable=TreatmentchargesBlrecord,font=("calibri",1
7,"bold"))
        Treatmentcharges.grid(row=2,column=2,sticky="w")

        labelAge=Label(framebox,text="04 :",bg="lightgreen",font=("calibri",17,"bold"))
        labelAge.grid(row=3,column=0,sticky="w",padx=70)
        labelAge=Label(framebox,text="Procedure
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAge.grid(row=3,column=1,sticky="w",padx=45)

        BlrecordProcedurecharges=StringVar()

Procedurecharges=Entry(framebox,textvariable=BlrecordProcedurecharges,font=("calibri",17
,"bold"))
        Procedurecharges.grid(row=3,column=2,sticky="w")

        labelPhone=Label(framebox,text="05
:",bg="lightgreen",font=("calibri",17,"bold"))
        labelPhone.grid(row=4,column=0,sticky="w",padx=70)
        labelPhone=Label(framebox,text="Other
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelPhone.grid(row=4,column=1,sticky="w",padx=45)

        BlrecordOthercharges=StringVar()

Othercharges=Entry(framebox,font=("calibri",17,"bold"),textvariable=BlrecordOthercharges)
        Othercharges.grid(row=4,column=2,sticky="w")

        labelAddress=Label(framebox,text="06
:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=5,column=0,sticky="w",padx=70)
        labelAddress=Label(framebox,text="Miscellaneous
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=5,column=1,sticky="w",padx=45)

        BlrecordMiscellaneouscharges=StringVar()

Miscellaneouscharges=Entry(framebox,textvariable=BlrecordMiscellaneouscharges,font=("c
alibri",17,"bold"))
        Miscellaneouscharges.grid(row=5,column=2,sticky="w")

        labelAddress=Label(framebox,text="07
:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=6,column=0,sticky="w",padx=70)
        labelAddress=Label(framebox,text="Room
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=6,column=1,sticky="w",padx=45)

        BlrecordRoomcharges=StringVar()

Roomcharges=Entry(framebox,textvariable=BlrecordRoomcharges,font=("calibri",17,"bold")
)
        Roomcharges.grid(row=6,column=2,sticky="w")

        labelDisease=Label(framebox,text="",bg="lightgreen",font=("calibri",17,"bold"))
        labelDisease.grid(row=7,column=0,sticky="w",padx=105)

labelDisease=Label(framebox,text="Total:",fg="red",bg="lightgreen",font=("calibri",17,"bol
d"))
        labelDisease.grid(row=7,column=1,sticky="w",padx=45)

        BlrecordTotal=StringVar()
        Total=Entry(framebox,textvariable=BlrecordTotal,font=("calibri",17,"bold"))
        Total.grid(row=7,column=2,sticky="w")

        root.grid_rowconfigure(0,weight=1)
        root.grid_rowconfigure(1,weight=1)
        root.grid_rowconfigure(2,weight=1)
        root.grid_rowconfigure(3,weight=1)
        root.grid_rowconfigure(4,weight=1)
        root.grid_rowconfigure(5,weight=1)
        root.grid_rowconfigure(6,weight=1)
        root.grid_columnconfigure(0,weight=1)
        root.grid_columnconfigure(1,weight=1)
        root.grid_columnconfigure(2,weight=1)




    def Bill():
```

```
global framemenuimage
global framereceiptimage
global frameprintbill
global framehome
global BlIdentity
global BlName
global GenderBl
global BlAge
global Blcheckin
global BlDisease
global BlPhone
global BlAddress
global BlDoctorname
global Blcheckout
global BlDoctorcharges
global BlLabtest
global TreatmentchargesBl
global BlProcedurecharges
global BlOthercharges
global BlMiscellaneouscharges
global BlRoomcharges
global BlTotal
global imagemenu
global imagehome
global framereceipt
global framerireceiptimage
global framepatientregistration
global framepatientadmit
global frameadmitrecord
global framerinfo
global frameainfo
global framestaffregistration
global framestaffinformation
global framebill
global framerrecord
global framedoctorrecord
global framemenuroot
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global BlrecordIdentity
global BlrecordName
global GenderBlrecord
global BlrecordAge
global Blrecordcheckin
global BlrecordDisease
global BlrecordPhone
global BlrecordAddress
global BlrecordDoctorname
global Blrecordcheckout
global BlrecordDoctorcharges
global BlrecordLabtest
global TreatmentchargesBlrecord
global BlrecordProcedurecharges
global BlrecordOthercharges
global BlrecordMiscellaneouscharges
global BlrecordRoomcharges
global BlrecordTotal
global Blsearch
global frameappointment
global frameappointmentright

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

counterbill+=1
counterhome=0
counterpreg=0
counterrinfo=0
counterpadmit=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
```

```
counteradmitrecord=0
counterdrecord=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0


try:
    framemenuimage.destroy()
except:
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
    framereceiptimage.destroy()
except:
    pass
try:
    framehome.destroy()
except:
    pass
try:
    framereceipt.destroy()
except:
    pass
try:
            framerireceiptimage.destroy()
except:
            pass
try:
    framepatientregistration.destroy()
except:
    pass
try:
    framepatientadmit.destroy()
except:
    pass
try:
            frameadmitrecord.destroy()
except:
            pass
try:
    framerinfo.destroy()
except:
    pass
```

```
        try:
          frameainfo.destroy()
        except:
          pass
        try:
          framestaffregistration.destroy()
        except:
          pass
        try:
          framestaffinformation.destroy()
        except:
          pass
        try:
          framerrecord.destroy()
        except:
          pass
        try:
          framedoctorrecord.destroy()
        except:
          pass
        try:
          framebillrecord.destroy()
        except:
          pass
        try:
              frameappointment.destroy()
        except:
              pass
        try:
              frameappointmentright.destroy()
        except:
              pass
        if counterbill==1:
          framebill=Frame(root,relief="solid",borderwidth=2,bg="lightgreen")
          framebill.pack(side="right",fill=BOTH,expand=True)


framerecordleft=Frame(framebill,height="60",width="200",relief="solid",borderwidth=2,bg=
"lightgreen")
          framerecordleft.pack(side=LEFT,fill=Y)


framepatientbilltop=Frame(framerecordleft,height="100",relief="solid",borderwidth=2,bg="s
andybrown")
          framepatientbilltop.pack(side=TOP,fill=X)

          labelinputpatientname=Label(framepatientbilltop,text="Input Patient's
ID",bg="sandybrown",font=("calibri",16,"bold"))
          labelinputpatientname.pack(anchor=CENTER,pady=6)
```

```
            framepatientadmittopsearch=Frame(framerecordleft,bg="lightgreen")
            framepatientadmittopsearch.pack(side=TOP)

            searchID=StringVar()

inputpatientname=Entry(framepatientadmittopsearch,textvariable=searchID,width="15",font
=("calibri",15,"bold"))
            inputpatientname.pack(pady=10)


Searchbutton=Button(framepatientadmittopsearch,text="Search",command=lambda:Billsearc
h(searchID.get()),bg="yellow",font=("calibri",15,"bold"))
            Searchbutton.pack(side=TOP,pady=8)

            framexbill=Frame(framebill,bg="sandybrown",relief="solid",borderwidth=2)
            framexbill.pack(side=TOP,fill=X)


labelbill=Label(framexbill,text="Billing",bg="sandybrown",fg="black",font=("calibri",20,"b
old"))
            labelbill.pack()

            frametbill=Frame(framebill,height="200",bg="lightgreen")
            frametbill.pack(side=TOP,fill=X)

            framebleft=Frame(frametbill,height="200",width="685",bg="lightgreen")
            framebleft.pack(side=LEFT)


labelPatient_id=Label(framebleft,text="Identity:",bg="lightgreen",font=("calibri",17,"bold"))
            labelPatient_id.grid(row=0,column=0,sticky="w",padx="50",pady=2)

            BlIdentity=StringVar()
            Identity=Entry(framebleft,textvariable=BlIdentity,font=("calibri",16,"bold"))
            Identity.grid(row=0,column=1)


labelName=Label(framebleft,text="Name:",bg="lightgreen",font=("calibri",17,"bold"))
            labelName.grid(row=1,column=0,sticky="w",padx="50")

            BlName=StringVar()
            Name=Entry(framebleft,textvariable=BlName,font=("calibri",16,"bold"))
            Name.grid(row=1,column=1)

            GenderBl=StringVar()
            GenderBl.set("")

            labelGender=Label(framebleft,text="Gender:
",bg="lightgreen",font=("calibri",17,"bold"))
            labelGender.grid(row=2,column=0)
            i= IntVar()
            r1 =
Radiobutton(framebleft,text="male",value='Male',variable=GenderBl,bg="lightgreen",font=(
"calibri",16,"bold"))
            r2 =
Radiobutton(framebleft,text="female",value='Female',variable=GenderBl,bg="lightgreen",fo
nt=("calibri",16,"bold"))
            r1.grid(row=2,column=1,sticky="w")
            r2.grid(row=2,column=1,sticky="e",padx=0)
            GenderBl.set(3)

            labelAge=Label(framebleft,text="Age:",bg="lightgreen",font=("calibri",17,"bold"))
            labelAge.grid(row=3,column=0,sticky="w",padx="50")

            BlAge=StringVar()
            Age=Entry(framebleft,textvariable=BlAge,font=("calibri",16,"bold"))
            Age.grid(row=3,column=1)

            checkin=Label(framebleft,text="Check
In:",bg="lightgreen",font=("calibri",17,"bold"))
            checkin.grid(row=4,column=0,sticky="w",padx="50")

            Blcheckin=StringVar()
            checkin=Entry(framebleft,textvariable=Blcheckin,font=("calibri",16,"bold"))
            checkin.grid(row=4,column=1)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)

            framebright=Frame(frametbill,height="200",bg="lightgreen",width="685")
            framebright.pack(side=RIGHT)


labelAge=Label(framebright,text="Disease:",bg="lightgreen",font=("calibri",17,"bold"))
            labelAge.grid(row=0,column=0,sticky="w")

            BlDisease=StringVar()
            Disease=Entry(framebright,textvariable=BlDisease,font=("calibri",16,"bold"))
            Disease.grid(row=0,column=1,padx="50")


labelPhone=Label(framebright,text="Phone:",bg="lightgreen",font=("calibri",17,"bold"))
            labelPhone.grid(row=1,column=0,sticky="w")
            BlPhone=StringVar()
            Phone=Entry(framebright,textvariable=BlPhone,font=("calibri",16,"bold"))
            Phone.grid(row=1,column=1,padx="50")


labelAddress=Label(framebright,text="Address:",bg="lightgreen",font=("calibri",17,"bold"))
            labelAddress.grid(row=2,column=0,sticky="w")

            BlAddress=StringVar()
            Address=Entry(framebright,textvariable=BlAddress,font=("calibri",16,"bold"))
            Address.grid(row=2,column=1,padx="50")

            labelDisease=Label(framebright,text="Doctor
Name:",bg="lightgreen",font=("calibri",17,"bold"))
            labelDisease.grid(row=3,column=0,sticky="w")

            BlDoctorname=StringVar()

Doctorname=Entry(framebright,textvariable=BlDoctorname,font=("calibri",16,"bold"))
            Doctorname.grid(row=3,column=1,padx="50")

            labelCheckOut=Label(framebright,text="Check
Out:",bg="lightgreen",font=("calibri",17,"bold"))
            labelCheckOut.grid(row=4,column=0,sticky="w")

            Blcheckout=StringVar()

Doctorname=Entry(framebright,textvariable=Blcheckout,font=("calibri",16,"bold"))
            Doctorname.grid(row=4,column=1,padx="50")

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)

            framebottom=Frame(framebill,relief="solid",bg="lightgreen",borderwidth=2)
            framebottom.pack(side=TOP,fill=X,pady=16)

            labelPatient_id=Label(framebottom,text="Sr. No
:",bg="lightgreen",fg="Purple",font=("calibri",20,"bold"))
            labelPatient_id.grid(row=0,column=0,sticky="w",padx=55)
            labelPatient_id=Label(framebottom,text="Particulars
:",bg="lightgreen",fg="Purple",font=("calibri",20,"bold"))
            labelPatient_id.grid(row=0,column=1,sticky="w",padx=10)
            labelPatient_id=Label(framebottom,text="Amount
:",bg="lightgreen",fg="Purple",font=("calibri",20,"bold"))
            labelPatient_id.grid(row=0,column=2,sticky="e",padx=145)
            root.grid_rowconfigure(0,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)
            root.grid_columnconfigure(2,weight=1)

            framebo=Frame(framebill,bg="lightgreen")
            framebo.pack(side=TOP,fill=BOTH,expand=True,pady="10")

            labelPatient_id=Label(framebo,text="01
:",bg="lightgreen",font=("calibri",17,"bold"))
            labelPatient_id.grid(row=0,column=0,sticky="w",padx=75)
            labelPatient_id=Label(framebo,text="Doctor
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
            labelPatient_id.grid(row=0,column=1,sticky="w",padx=10)

            BlDoctorcharges=StringVar()

Doctorcharges=Entry(framebo,textvariable=BlDoctorcharges,font=("calibri",17,"bold"))
            Doctorcharges.grid(row=0,column=2,sticky="w",padx=40)

            labelName=Label(framebo,text="02 :",bg="lightgreen",font=("calibri",17,"bold"))
            labelName.grid(row=1,column=0,sticky="w",padx=75)
            labelName=Label(framebo,text="Lab
Test:",bg="lightgreen",font=("calibri",17,"bold"))
            labelName.grid(row=1,column=1,sticky="w",padx=10)

            BlLabtest=StringVar()
            Labtest=Entry(framebo,textvariable=BlLabtest,font=("calibri",17,"bold"))
            Labtest.grid(row=1,column=2,sticky="w",padx=40)

            labelGender=Label(framebo,text="03
:",bg="lightgreen",font=("calibri",17,"bold"))
            labelGender.grid(row=2,column=0,sticky="w",padx=75)
            labelGender=Label(framebo,text="Treatment
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
            labelGender.grid(row=2,column=1,sticky="w",padx=10)

            TreatmentchargesBl=StringVar()

Treatmentcharges=Entry(framebo,textvariable=TreatmentchargesBl,font=("calibri",17,"bold"
))
            Treatmentcharges.grid(row=2,column=2,sticky="w",padx=40)

            labelAge=Label(framebo,text="04 :",bg="lightgreen",font=("calibri",17,"bold"))
            labelAge.grid(row=3,column=0,sticky="w",padx=75)
            labelAge=Label(framebo,text="Procedure
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
            labelAge.grid(row=3,column=1,sticky="w",padx=10)
```

```
        BlProcedurecharges=StringVar()

Procedurecharges=Entry(framebo,textvariable=BlProcedurecharges,font=("calibri",17,"bold"
))
        Procedurecharges.grid(row=3,column=2,sticky="w",padx=40)

        labelPhone=Label(framebo,text="05 :",bg="lightgreen",font=("calibri",17,"bold"))
        labelPhone.grid(row=4,column=0,sticky="w",padx=75)
        labelPhone=Label(framebo,text="Other
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelPhone.grid(row=4,column=1,sticky="w",padx=10)

        BlOthercharges=StringVar()

Othercharges=Entry(framebo,font=("calibri",17,"bold"),textvariable=BlOthercharges)
        Othercharges.grid(row=4,column=2,sticky="w",padx=40)

        labelAddress=Label(framebo,text="06
:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=5,column=0,sticky="w",padx=75)
        labelAddress=Label(framebo,text="Miscellaneous
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=5,column=1,sticky="w",padx=10)

        BlMiscellaneouscharges=StringVar()

Miscellaneouscharges=Entry(framebo,textvariable=BlMiscellaneouscharges,font=("calibri",1
7,"bold"))
        Miscellaneouscharges.grid(row=5,column=2,sticky="w",padx=40)

        labelAddress=Label(framebo,text="07
:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=6,column=0,sticky="w",padx=75)
        labelAddress=Label(framebo,text="Room
Charges:",bg="lightgreen",font=("calibri",17,"bold"))
        labelAddress.grid(row=6,column=1,sticky="w",padx=10)

        BlRoomcharges=StringVar()

Roomcharges=Entry(framebo,textvariable=BlRoomcharges,font=("calibri",17,"bold"))
        Roomcharges.grid(row=6,column=2,sticky="w",padx=40)

        labelDisease=Label(framebo,text="",bg="lightgreen",font=("calibri",17,"bold"))
        labelDisease.grid(row=7,column=0,sticky="w",padx=75)

labelDisease=Button(framebo,text="Total:",command=total,bg="orange",font=("calibri",17,"
bold"))
        labelDisease.grid(row=7,column=1,sticky="w",padx=10)

        BlTotal=StringVar()
```

```
            Total=Entry(framebo,textvariable=BlTotal,font=("calibri",17,"bold"))
            Total.grid(row=7,column=2,sticky="w",padx=40)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_rowconfigure(5,weight=1)
            root.grid_rowconfigure(6,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)
            root.grid_columnconfigure(2,weight=1)

            frameprint=Frame(framebill,bg="lightgreen")
            frameprint.pack(side=RIGHT)


buttonadd=Button(frameprint,text="SAVE",bg="yellow",command=savebill,bd=3,width=10,
font=("calibri",15,"bold"))
            buttonadd.pack(side=LEFT)


buttonPrint=Button(frameprint,text="Print",bg="yellow",command=printbill,bd=3,width=10,
font=("calibri",15,"bold"))
            buttonPrint.pack(side=RIGHT,padx="50")

      def staffregistrationfetch_datas():
         connection=sqlite3.connect("HEMANT.db")
         cursor=connection.cursor()

         query="select * from sr"
         cursor.execute(query)

         rows=cursor.fetchall()
         if len(rows)!=0:
            Staffregistration_tables.delete(*Staffregistration_tables.get_children())
            for row in rows:
               Staffregistration_tables.insert('',END,values=row)

               connection.commit()
         connection.close()

      def drecord():
         global framemenuimage
         global framehome
         global frameprintbill
         global framereceiptimage
         global imagemenu
         global imagehome
         global framereceipt
         global framerireceiptimage
         global framepatientregistration
         global framepatientadmit
         global frameadmitrecord
         global framerinfo
         global frameainfo
         global framestaffregistration
         global framestaffinformation
         global framebill
         global framerrecord
         global framedoctorrecord
         global framemenuroot
         global Staffregistration_tables
         global homeicon
         global patientregistrationicon
         global patientadmiticon
         global registrationinformationicon
         global admitinformationicon
         global doctorregistrationicon
         global doctorinformationicon
         global registrationrecordicon
         global doctorrecordicon
         global generatebillicon
         global billrecordicon
         global appointmenticon
         global framebillrecord
         global BlrecordIdentity
         global BlrecordName
         global GenderBlrecord
         global BlrecordAge
         global Blrecordcheckin
         global BlrecordDisease
         global BlrecordPhone
         global BlrecordAddress
         global BlrecordDoctorname
         global Blrecordcheckout
         global BlrecordDoctorcharges
         global BlrecordLabtest
         global TreatmentchargesBlrecord
         global BlrecordProcedurecharges
         global BlrecordOthercharges
         global BlrecordMiscellaneouscharges
         global BlrecordRoomcharges
         global BlrecordTotal
         global Blsearch
         global frameappointment
         global frameappointmentright

         global counterlogin
         global counterhome
         global counterpreg
         global counterrinfo
         global counterpadmit
         global counterainfo
         global countersreg
         global countersinfo
         global counterrrecord
         global counteradmitrecord
         global counterdrecord
         global counterbill
         global counterreceipt
         global counterrireceipt
         global counterprintbill
         global counterbillrecord
         global counterappointment


         try:
            framemenuimage.destroy()
         except:
            pass
         try:
            frameprintbill.destroy()
         except:
            pass
         try:
            framereceiptimage.destroy()
         except:
            pass
         try:
            framehome.destroy()
         except:
            pass
         try:
            framereceipt.destroy()
         except:
            pass
         try:
                  framerireceiptimage.destroy()
         except:
                  pass
         try:
            framepatientregistration.destroy()
         except:
            pass
         try:
            framepatientadmit.destroy()
         except:
            pass
```

```
try:
            frameadmitrecord.destroy()
except:
            pass
try:
    framerinfo.destroy()
except:
    pass
try:
    frameainfo.destroy()
except:
    pass
try:
    framestaffregistration.destroy()
except:
    pass
try:
    framestaffinformation.destroy()
except:
    pass
try:
    framerrecord.destroy()
except:
    pass
try:
    framebill.destroy()
except:
    pass
try:
    framebillrecord.destroy()
except:
    pass
try:
            frameappointment.destroy()
except:
            pass
try:
            frameappointmentright.destroy()
except:
            pass

counterdrecord+=1
counterhome=0
counterpreg=0
counterrinfo=0
counterpadmit=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
```

```
            counteradmitrecord=0
            counterbill=0
            counterlogin=0
            counterreceipt=0
            counterrireceipt=0
            counterprintbill=0
            counterbillrecord=0
            counterappointment=0

            if counterdrecord==1:
                framedoctorrecord=Frame(root,relief="solid",borderwidth=2)
                framedoctorrecord.pack(side="right",fill=BOTH,expand=True)

                scroll1=Scrollbar(framedoctorrecord,orient=HORIZONTAL)
                scroll1.pack(side=BOTTOM,fill=X)
                scroll2=Scrollbar(framedoctorrecord,orient=VERTICAL)
                scroll2.pack(side=RIGHT,fill=Y)
                Staffregistration_tables=ttk.Treeview(framedoctorrecord,columns=("SrID",
"SrName", "GenderSr",
"SrPosition","SrDepartment","SrMailid","SrSalary","SrPhone","SrAddress"),xscrollcomman
d=scroll1.set,yscrollcommand=scroll2.set)
                scroll1.config(command=Staffregistration_tables.xview)
                scroll2.config(command=Staffregistration_tables.yview)
                Staffregistration_tables.heading('SrID', text="  ID", anchor=W)
                Staffregistration_tables.heading('SrName', text="Name", anchor=W)
                Staffregistration_tables.heading('GenderSr', text="Gender", anchor=W)
                Staffregistration_tables.heading('SrPosition', text="Position", anchor=W)
                Staffregistration_tables.heading('SrDepartment', text="Department", anchor=W)
                Staffregistration_tables.heading('SrMailid', text="Mailid", anchor=W)
                Staffregistration_tables.heading('SrSalary', text="Salary", anchor=W)
                Staffregistration_tables.heading('SrPhone', text="Phone", anchor=W)
                Staffregistration_tables.heading('SrAddress', text="Address", anchor=W)

                Staffregistration_tables['show']='headings'
                Staffregistration_tables.column("SrID",width=100)
                Staffregistration_tables.column("SrName",width=100)
                Staffregistration_tables.column("GenderSr",width=100)
                Staffregistration_tables.column("SrPosition",width=100)
                Staffregistration_tables.column("SrDepartment",width=100)
                Staffregistration_tables.column("SrMailid",width=100)
                Staffregistration_tables.column("SrSalary",width=100)
                Staffregistration_tables.column("SrPhone",width=100)
                Staffregistration_tables.column("SrAddress",width=100)


                Staffregistration_tables.pack(fill=BOTH,expand=True)
                staffregistrationfetch_datas()

        def search_dataregistration():
            connection=sqlite3.connect("HEMANT.db")
```

```
          cursor=connection.cursor()

          cursor.execute("select * from pr where "+str(search_byregistration.get())+" Like
'%"+str(search_txtregistration.get())+"%'")
          rows=cursor.fetchall()
          if len(rows)!=0:
                Patientregistration_table.delete(*Patientregistration_table.get_children())
                for row in rows:
                      Patientregistration_table.insert('',END,values=row)
                connection.commit()
          connection.close()

      def fetchappointment_dataregistration():
          connection=sqlite3.connect("HEMANT.db")
          cursor=connection.cursor()
          query="select * from pr"
          cursor.execute(query)

          rows=cursor.fetchall()
          if len(rows)!=0:
             Patientregistration_table.delete(*Patientregistration_table.get_children())
             for row in rows:
                Patientregistration_table.insert('',END,values=row)

                connection.commit()
          connection.close()

      def patientregistrationfetch_data():
          connection=sqlite3.connect("HEMANT.db")
          cursor=connection.cursor()

          query="select * from pr"
          cursor.execute(query)

          rows=cursor.fetchall()
          if len(rows)!=0:
             Patientregistration_table.delete(*Patientregistration_table.get_children())
             for row in rows:
                Patientregistration_table.insert('',END,values=row)

                connection.commit()
          connection.close()

      def RRecord():
          global framemenuimage
          global framehome
          global frameprintbill
          global framereceiptimage
          global imagehome
          global imagemenu
          global framereceipt
          global framerireceiptimage
          global framepatientregistration
          global framepatientadmit
          global frameadmitrecord
          global framerinfo
          global frameainfo
          global framestaffregistration
          global framestaffinformation
          global framedoctorrecord
          global framebill
          global framerrecord
          global framemenuroot
          global search_byregistration
          global search_txtregistration
          global PrPatientid
          global PrName
          global GenderPr
          global PrAge
          global PrPhone
          global PrAddress
          global PrDisease
          global PrCheckIn
          global PrBloodgroup
          global PrDoctorname
          global PrRoomNo
          global RiPatientid
          global RiName
          global GenderRi
          global RiAge
          global RiPhone
          global RiAddress
          global RiDisease
          global RiCheckIn
          global RiBloodgroup
          global RiDoctorname
          global RiRoomNo
          global Patientregistration_table
          global homeicon
          global patientregistrationicon
          global patientadmiticon
          global registrationinformationicon
          global admitinformationicon
          global doctorregistrationicon
          global doctorinformationicon
          global registrationrecordicon
          global admitrecordicon
          global doctorrecordicon
          global generatebillicon
          global billrecordicon
          global appointmenticon
          global framebillrecord
          global BlrecordIdentity
          global BlrecordName
          global GenderBlrecord
          global BlrecordAge
          global Blrecordcheckin
          global BlrecordDisease
          global BlrecordPhone
          global BlrecordAddress
          global BlrecordDoctorname
          global Blrecordcheckout
          global BlrecordDoctorcharges
          global BlrecordLabtest
          global TreatmentchargesBlrecord
          global BlrecordProcedurecharges
          global BlrecordOthercharges
          global BlrecordMiscellaneouscharges
          global BlrecordRoomcharges
          global BlrecordTotal
          global Blsearch
          global frameappointment
          global frameappointmentright

          global counterlogin
          global counterhome
          global counterpreg
          global counterrinfo
          global counterpadmit
          global counterainfo
          global countersreg
          global countersinfo
          global counterrrecord
          global counteradmitrecord
          global counterdrecord
          global counterbill
          global counterreceipt
          global counterrireceipt
          global counterprintbill
          global counterbillrecord
          global counterappointment


          try:
              framemenuimage.destroy()
          except:
              pass
          try:
              frameprintbill.destroy()
          except:
             pass
          try:
             framereceiptimage.destroy()
          except:
             pass
          try:
             framereceipt.destroy()
          except:
             pass
          try:
                   framerireceiptimage.destroy()
          except:
                   pass
          try:
             framehome.destroy()
          except:
             pass
          try:
             framepatientregistration.destroy()
          except:
             pass
          try:
             framepatientadmit.destroy()
          except:
             pass
          try:
                   frameadmitrecord.destroy()
          except:
                   pass
          try:
             framerinfo.destroy()
          except:
             pass
          try:
             frameainfo.destroy()
          except:
             pass
          try:
             framestaffregistration.destroy()
          except:
             pass
          try:
             framestaffinformation.destroy()
          except:
             pass
          try:
             framedoctorrecord.destroy()
          except:
             pass
          try:
```

```
            framebill.destroy()
        except:
            pass
        try:
            framebillrecord.destroy()
        except:
            pass
        try:
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass

        counterrrecord+=1
        counterhome=0
        counterpreg=0
        counterrinfo=0
        counterpadmit=0
        counterainfo=0
        countersreg=0
        countersinfo=0
        counterdrecord=0
        counteradmitrecord=0
        counterbill=0
        counterlogin=0
        counterreceipt=0
        counterrireceipt=0
        counterprintbill=0
        counterbillrecord=0
        counterappointment=0

        if counterrrecord==1:
            framerrecord=Frame(root,relief="solid",borderwidth=2)
            framerrecord.pack(fill=BOTH,expand=True)

            frame1=Frame(framerrecord)
            frame1.pack(side=TOP)

            framerrecordupper=Frame(frame1)
            framerrecordupper.grid()

            lbl_search=Label(framerrecordupper,text="Search By",fg="black",font=("times
new roman",13,"bold"))
            lbl_search.grid(row=0,column=0,pady=7,sticky="w")

            search_byregistration=StringVar()
```

```
combo_search=ttk.Combobox(framerrecordupper,textvariable=search_byregistration,width=
7,font=("times new roman",13,"bold"),state='readonly')

combo_search['values']=("PrPhone","PrName","PrPatientid","GenderPr","PrDisease","PrBlo
odgroup")
            combo_search.grid(row=0,column=1,pady=10)

            search_txtregistration=StringVar()

txt_search=Entry(framerrecordupper,textvariable=search_txtregistration,font=("times new
roman",10,"bold"),bd=5,relief=GROOVE,width=10)
            txt_search.grid(row=0,column=2,padx=5,pady=10,sticky="w")


searchbtn=Button(framerrecordupper,text="Search",command=search_dataregistration,width
=10).grid(row=0,column=3,pady=10)
            showallbtn=Button(framerrecordupper,text="Show
All",command=fetchappointment_dataregistration,width=10).grid(row=0,column=4,pady=10
)


            framerrecorddown=Frame(framerrecord)
            framerrecorddown.pack(fill=BOTH,expand=True)

            scroll1=Scrollbar(framerrecorddown,orient=HORIZONTAL)
            scroll1.pack(side=BOTTOM,fill=X)
            scroll2=Scrollbar(framerrecorddown,orient=VERTICAL)
            scroll2.pack(side=RIGHT,fill=Y)
            Patientregistration_table=ttk.Treeview(framerrecorddown,columns=("PrPatientid",
"PrName", "GenderPr", "PrAge","PrPhone","PrAddress",

         "PrDisease","PrCheckIn","PrBloodgroup","PrDoctorname","PrRoomNo"),xscrollcom
mand=scroll1.set,yscrollcommand=scroll2.set)
            scroll1.config(command=Patientregistration_table.xview)
            scroll2.config(command=Patientregistration_table.yview)
            Patientregistration_table.heading('PrPatientid', text="Patientid", anchor=W)
            Patientregistration_table.heading('PrName', text="Name", anchor=W)
            Patientregistration_table.heading('GenderPr', text="Gender", anchor=W)
            Patientregistration_table.heading('PrAge', text="Age", anchor=W)
            Patientregistration_table.heading('PrPhone', text="Phone", anchor=W)
            Patientregistration_table.heading('PrAddress', text="Address", anchor=W)
            Patientregistration_table.heading('PrDisease', text="Disease", anchor=W)
            Patientregistration_table.heading('PrCheckIn', text="CheckIn", anchor=W)
            Patientregistration_table.heading('PrBloodgroup', text="Bloodgroup", anchor=W)
            Patientregistration_table.heading('PrDoctorname', text="Doctorname", anchor=W)
            Patientregistration_table.heading('PrRoomNo', text="RoomNo", anchor=W)

            Patientregistration_table['show']='headings'
            Patientregistration_table.column("PrPatientid",width=100)
```

```
                Patientregistration_table.column("PrName",width=100)
                Patientregistration_table.column("GenderPr",width=85)
                Patientregistration_table.column("PrAge",width=70)
                Patientregistration_table.column("PrPhone",width=100)
                Patientregistration_table.column("PrAddress",width=140)
                Patientregistration_table.column("PrDisease",width=100)
                Patientregistration_table.column("PrCheckIn",width=100)
                Patientregistration_table.column("PrBloodgroup",width=100)
                Patientregistration_table.column("PrDoctorname",width=100)
                Patientregistration_table.column("PrRoomNo",width=100)

                Patientregistration_table.pack(fill=BOTH,expand=True)

                patientregistrationfetch_data()


        def Siupdate():
            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="update sr set SrName = '{}',GenderSr = '{}',SrPosition = '{}',SrDepartment = 
'{}',SrMailid = '{}',SrSalary = '{}',SrPhone = '{}',SrAddress = '{}' where SrID = 
'{}'".format(SiName.get(),GenderSi.get(),SiPosition.get(),SiDepartment.get(),SiMailid.get(),
SiSalary.get(),SiPhone.get(),SiAddress.get(),SiID.get())
            cursor.execute(query)
            connection.commit()
            messagebox.showinfo("Congratulations ", "Data Updated Successfully")

            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from sr"
            cursor.execute(query)
            for row in cursor:
                SiID.set(row[0])
                SiName.set(row[1])
                GenderSi.set(row[2])
                SiPosition.set(row[3])
                SiDepartment.set(row[4])
                SiMailid.set(row[5])
                SiSalary.set(row[6])
                SiPhone.set(row[7])
                SiAddress.set(row[8])

        def Sisearch(ID):
            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from Sr where SrID like '{0}' or SrPhone like '{0}' or SrAddress like 
'{0}'".format(ID)
            cursor.execute(query)
            for row in cursor:
                SiID.set(row[0])
                SiName.set(row[1])
                GenderSi.set(row[2])
                SiPosition.set(row[3])
                SiDepartment.set(row[4])
                SiMailid.set(row[5])
                SiSalary.set(row[6])
                SiPhone.set(row[7])
                SiAddress.set(row[8])

        def Sradd():
            global framemenuimage
            global framepatientregistration
            global imagehome
            global frameprintbill
            global framereceiptimage
            global imagemenu
            global framepatientadmit
            global frameadmitrecord
            global framerinfo
            global frameainfo
            global framestaffregistration
            global framestaffinformation
            global framebill
            global framedoctorrecord
            global framereceipt
            global framerireceiptimage
            global SrID
            global SrName
            global GenderSr
            global SrPosition
            global SrDepartment
            global SrMailid
            global SrSalary
            global SrPhone
            global SrAddress
            global SiID
            global SiName
            global GenderSi
            global SiPosition
            global SiDepartment
            global SiMailid
            global SiSalary
            global SiPhone
            global SiAddress
            global homeicon
            global patientregistrationicon
            global patientadmiticon
            global registrationinformationicon
            global admitinformationicon
            global doctorregistrationicon
```

```
        global doctorinformationicon
        global registrationrecordicon
        global admitrecordicon
        global doctorrecordicon
        global generatebillicon
        global billrecordicon
        global appointmenticon
        global framebillrecord
        global frameappointment


        global counterlogin
        global counterhome
        global counterpreg
        global counterrinfo
        global counterpadmit
        global counterainfo
        global countersreg
        global countersinfo
        global counterrrecord
        global counteradmitrecord
        global counterdrecord
        global counterbill
        global counterreceipt
        global counterrireceipt
        global counterprintbill
        global counterbillrecord
        global counterappointment

        if  SrName.get() == "" or GenderSr.get() == "" or SrPosition.get() == "" or
SrDepartment.get() == "" or SrPhone.get() == "":
            result = tkMessageBox.showwarning('', 'Please Complete The Required Field',
icon="warning")
        else:
            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            if  "@" and ".com" not in SrMailid.get() :
                messagebox.showinfo(" INVALID DETAILS","ENTER VALID EMAIL
ADDRESS")
            else:
                x=random.randint(0, 1000)
                randomRef = str(x)
                randomRef = 'Staff2020-' + randomRef
                SrID.set(randomRef)
                query = "insert into sr
values('{}','{}','{}','{}','{}','{}','{}','{}','{}')".format(SrID.get(),SrName.get(),GenderSr.get(),S
rPosition.get(),SrDepartment.get(),SrMailid.get(),int(SrSalary.get()),int(SrPhone.get()),SrAdd
ress.get())
                cursor.execute(query)
                connection.commit()
        connection = sqlite3.connect("HEMANT.db")
        cursor=connection.cursor()
        query="select * from sr"
        cursor.execute(query)
        messagebox.showinfo("Congratulations ", "Data Added Successfully ")


def sinfo():
    global framemenuimage
    global framehome
    global frameprintbill
    global framereceiptimage
    global imagemenu
    global imagehome
    global framereceipt
    global framerireceiptimage
    global framepatientregistration
    global framepatientadmit
    global frameadmitrecord
    global framerinfo
    global frameainfo
    global framestaffregistration
    global framestaffinformation
    global framerrecord
    global framedoctorrecord
    global framemenuroot
    global SrID
    global SrName
    global GenderSr
    global SrPosition
    global SrDepartment
    global SrMailid
    global SrSalary
    global SrPhone
    global SrAddress
    global SiID
    global SiName
    global GenderSi
    global SiPosition
    global SiDepartment
    global SiMailid
    global SiSalary
    global SiPhone
    global SiAddress
    global homeicon
    global patientregistrationicon
    global patientadmiticon
    global registrationinformationicon
    global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global frameappointment
global frameappointmentright

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

countersinfo+=1
counterhome=0
counterpreg=0
counterrinfo=0
counterpadmit=0
counterainfo=0
countersreg=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

try:
    framemenuimage.destroy()
```

```
except:
   pass
try:
   frameprintbill.destroy()
except:
   pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framehome.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   framerinfo.destroy()
except:
   pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framerrecord.destroy()
except:
   pass
```

```
    try:
      framebill.destroy()
    except:
      pass
    try:
      framedoctorrecord.destroy()
    except:
      pass
    try:
      framebillrecord.destroy()
    except:
      pass
    try:
          frameappointment.destroy()
    except:
          pass
    try:
          frameappointmentright.destroy()
    except:
          pass

    if countersinfo==1:
      framestaffinformation=Frame(root,bg="lightgreen",)
      framestaffinformation.pack(side="right",fill=BOTH,expand=True)


framestaffinformationtop=Frame(framestaffinformation,height="200",relief="solid",bg="san
dybrown",borderwidth=2)
      framestaffinformationtop.pack(side=TOP,fill=X)

      labelstaffinformation=Label(framestaffinformationtop,text="Staff
Information",bg="sandybrown",font=("calibri",23,"bold"))
      labelstaffinformation.pack(anchor="center")


framestaffinformationleft=Frame(framestaffinformation,height="60",width="300",bg="lightg
reen",relief="solid",borderwidth=2)
      framestaffinformationleft.pack(side=LEFT,fill=Y)

      labelUsername=Label(framestaffinformationleft,text="User
ID",bg="lightgreen",font=("calibri",20,"bold"))
      labelUsername.pack(anchor=CENTER,pady=20)

      searchID=StringVar()

Username=Entry(framestaffinformationleft,width="20",textvariable=searchID,font=("calibri"
,15,"bold"))
      Username.pack()
```

```
Searchbutton=Button(framestaffinformationleft,text="Search",command=lambda:Sisearch(searchID.get()),bg="yellow",font=("calibri",15,"bold"))
            Searchbutton.pack(side=TOP,pady=8)


framestaffinformationright=Frame(framestaffinformation,height="60",bg="lightgreen",width="300",relief="solid",borderwidth=2)
            framestaffinformationright.pack(side=RIGHT,fill=Y)


buttonUpdate=Button(framestaffinformationright,text="Update",command=Siupdate,bd=7,bg="yellow",width=10,font=("calibri",15,"bold"))
            buttonUpdate.pack(side=TOP,padx="70",pady=100)




framestaffinformationcenter=Frame(framestaffinformation,height="60",width="130",bg="lightgreen",relief="solid",borderwidth=2)
            framestaffinformationcenter.pack(anchor="center",fill=BOTH,expand=True)

            labelid=Label(framestaffinformationcenter,text="ID: ",bg="lightgreen",font=("calibri",20,"bold"))
            labelid.grid(row=0,column=0,padx=10,pady=15)

            SiID=StringVar()

ID=Entry(framestaffinformationcenter,textvariable=SiID,font=("calibri",20,"bold"))
            ID.grid(row=0,column=1,padx=0)

            labelName=Label(framestaffinformationcenter,text="Name: ",bg="lightgreen",font=("calibri",20,"bold"))
            labelName.grid(row=1,column=0,padx=10,pady=15)

            SiName=StringVar()

Name=Entry(framestaffinformationcenter,textvariable=SiName,font=("calibri",20,"bold"))
            Name.grid(row=1,column=1,padx=0)

            GenderSi=StringVar()
            GenderSi.set("")

            labelGender=Label(framestaffinformationcenter,text="Gender: ",bg="lightgreen",font=("calibri",20,"bold"))
            labelGender.grid(row=2,column=0)

            r1 = Radiobutton(framestaffinformationcenter,text="male",value='Male',bg="lightgreen",variable=GenderSi,font=("calibri",20,"bold"))
```

```
        r1.grid(row=2,column=1,sticky="w")
        r2 =
Radiobutton(framestaffinformationcenter,text="female",value='Female',bg="lightgreen",vari
able=GenderSi,font=("calibri",20,"bold"))
        r2.grid(row=2,column=1,sticky="e",padx=0)
        GenderSi.set(3)


        labelPosition=Label(framestaffinformationcenter,text="Position:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelPosition.grid(row=3,column=0,padx=10,pady=15)
        SiPosition=StringVar()

Position=Entry(framestaffinformationcenter,textvariable=SiPosition,font=("calibri",20,"bold"
))
        Position.grid(row=3,column=1,padx=0)

        labelDepartment=Label(framestaffinformationcenter,text="Department:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelDepartment.grid(row=4,column=0,padx=10,pady=15)
        SiDepartment=StringVar()

Department=Entry(framestaffinformationcenter,textvariable=SiDepartment,font=("calibri",20
,"bold"))
        Department.grid(row=4,column=1,padx=0)

        labelMailid=Label(framestaffinformationcenter,text="Mail ID:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelMailid.grid(row=5,column=0,padx=10,pady=15)
        SiMailid=StringVar()

Mailid=Entry(framestaffinformationcenter,textvariable=SiMailid,font=("calibri",20,"bold"))
        Mailid.grid(row=5,column=1,padx=0)

        labelSalary=Label(framestaffinformationcenter,text="Salary:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelSalary.grid(row=6,column=0,padx=10,pady=15)
        SiSalary=StringVar()

Salary=Entry(framestaffinformationcenter,textvariable=SiSalary,font=("calibri",20,"bold"))
        Salary.grid(row=6,column=1,padx=0)

        labelPhone=Label(framestaffinformationcenter,text="Phone:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelPhone.grid(row=7,column=0,padx=10,pady=15)

        SiPhone=StringVar()

Phone=Entry(framestaffinformationcenter,textvariable=SiPhone,font=("calibri",20,"bold"))
        Phone.grid(row=7,column=1,padx=0)
```

```
            labelAddress=Label(framestaffinformationcenter,text="Address:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelAddress.grid(row=8,column=0,padx=10,pady=15)

            SiAddress=StringVar()

Address=Entry(framestaffinformationcenter,textvariable=SiAddress,font=("calibri",20,"bold"
))
            Address.grid(row=8,column=1,padx=0)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_rowconfigure(5,weight=1)
            root.grid_rowconfigure(6,weight=1)
            root.grid_rowconfigure(7,weight=1)
            root.grid_rowconfigure(8,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)

      def sreg():
         global framemenuimage
         global framehome
         global frameprintbill
         global framereceiptimage
         global imagemenu
         global imagehome
         global framepatientregistration
         global framepatientadmit
         global frameadmitrecord
         global framerinfo
         global frameainfo
         global framestaffregistration
         global framestaffinformation
         global framerrecord
         global framebill
         global framedoctorrecord
         global framereceipt
         global framerireceiptimage
         global framemenuroot
         global SrID
         global SrName
         global GenderSr
         global SrPosition
         global SrDepartment
         global SrMailid
         global SrSalary
         global SrPhone
         global SrAddress
         global SiID
         global SiName
         global GenderSi
         global SiPosition
         global SiDepartment
         global SiMailid
         global SiSalary
         global SiPhone
         global SiAddress
         global homeicon
         global patientregistrationicon
         global patientadmiticon
         global registrationinformationicon
         global admitinformationicon
         global doctorregistrationicon
         global doctorinformationicon
         global registrationrecordicon
         global admitrecordicon
         global doctorrecordicon
         global generatebillicon
         global billrecordicon
         global appointmenticon
         global framebillrecord
         global frameappointment
         global frameappointmentright

         global counterlogin
         global counterhome
         global counterpreg
         global counterrinfo
         global counterpadmit
         global counterainfo
         global countersreg
         global countersinfo
         global counterrrecord
         global counteradmitrecord
         global counterdrecord
         global counterbill
         global counterreceipt
         global counterrireceipt
         global counterprintbill
         global counterbillrecord
         global counterappointment

         countersreg+=1
         counterhome=0
         counterpreg=0
         counterrinfo=0
```

```
counterpadmit=0
counterainfo=0
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

try:
   framemenuimage.destroy()
except:
   pass
try:
   frameprintbill.destroy()
except:
   pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framehome.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
```

```
        try:
            framerinfo.destroy()
        except:
            pass
        try:
            frameainfo.destroy()
        except:
            pass
        try:
            framestaffinformation.destroy()
        except:
            pass
        try:
            framerrecord.destroy()
        except:
            pass
        try:
            framebill.destroy()
        except:
            pass
        try:
            framedoctorrecord.destroy()
        except:
            pass
        try:
            framebillrecord.destroy()
        except:
            pass
        try:
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass


        if countersreg==1:
            framestaffregistration=Frame(root,bg="lightgreen")
            framestaffregistration.pack(side="right",fill=BOTH,expand=True)


framestaffregistrationtop=Frame(framestaffregistration,height="200",bg="sandybrown",relief
="solid",borderwidth=2,)
            framestaffregistrationtop.pack(side=TOP,fill=X)

            labelstaffregistration=Label(framestaffregistrationtop,text="Staff
Registration",bg="sandybrown",font=("calibri",23,"bold"))
            labelstaffregistration.pack(anchor="center")
```

```
framestaffregistrationcenter=Frame(framestaffregistration,height="60",width="130",relief="s
olid",bg="lightgreen",borderwidth=2)
        framestaffregistrationcenter.pack(side=LEFT,fill=BOTH,expand=True)

        labelid=Label(framestaffregistrationcenter,text="ID:
",bg="lightgreen",font=("calibri",21,"bold"))
        labelid.grid(row=0,column=0,padx=120,pady=15)

        SrID=StringVar()

ID=Entry(framestaffregistrationcenter,textvariable=SrID,font=("calibri",20,"bold"))
        ID.grid(row=0,column=1,padx=0)

        labelName=Label(framestaffregistrationcenter,text="Name:
",bg="lightgreen",font=("calibri",21,"bold"))
        labelName.grid(row=1,column=0,padx=10,pady=15)

        SrName=StringVar()

Name=Entry(framestaffregistrationcenter,textvariable=SrName,font=("calibri",20,"bold"))
        Name.grid(row=1,column=1,padx=0)

        GenderSr=StringVar()
        GenderSr.set("")

        labelGender=Label(framestaffregistrationcenter,text="Gender:
",bg="lightgreen",font=("calibri",21,"bold"))
        labelGender.grid(row=2,column=0)

        i= IntVar()
        r1 =
Radiobutton(framestaffregistrationcenter,text="male",value="Male",bg="lightgreen",variable
=GenderSr,font=("calibri",20,"bold"))
        r2 =
Radiobutton(framestaffregistrationcenter,text="female",value="Female",variable=GenderSr,b
g="lightgreen",font=("calibri",20,"bold"))
        r1.grid(row=2,column=1,sticky="w")
        r2.grid(row=2,column=1,sticky="e",padx=0)
        GenderSr.set(3)

        labelPosition=Label(framestaffregistrationcenter,text="Position:
",bg="lightgreen",font=("calibri",21,"bold"))
        labelPosition.grid(row=3,column=0,padx=10,pady=15)

        SrPosition=StringVar()

Position=Entry(framestaffregistrationcenter,textvariable=SrPosition,font=("calibri",20,"bold"
))
```

```
            Position.grid(row=3,column=1,padx=0)

            labelDepartment=Label(framestaffregistrationcenter,text="Department:
",bg="lightgreen",font=("calibri",21,"bold"))
            labelDepartment.grid(row=4,column=0,padx=10,pady=15)

            SrDepartment=StringVar()

Department=Entry(framestaffregistrationcenter,textvariable=SrDepartment,font=("calibri",20
,"bold"))
            Department.grid(row=4,column=1,padx=0)

            labelMailid=Label(framestaffregistrationcenter,text="Mail ID:
",bg="lightgreen",font=("calibri",21,"bold"))
            labelMailid.grid(row=5,column=0,padx=10,pady=15)

            SrMailid=StringVar()

Mailid=Entry(framestaffregistrationcenter,textvariable=SrMailid,font=("calibri",20,"bold"))
            Mailid.grid(row=5,column=1,padx=0)

            labelSalary=Label(framestaffregistrationcenter,text="Salary:
",bg="lightgreen",font=("calibri",21,"bold"))
            labelSalary.grid(row=6,column=0,padx=10,pady=15)

            SrSalary=StringVar()

Salary=Entry(framestaffregistrationcenter,textvariable=SrSalary,font=("calibri",20,"bold"))
            Salary.grid(row=6,column=1,padx=0)

            labelPhone=Label(framestaffregistrationcenter,text="Phone:
",bg="lightgreen",font=("calibri",21,"bold"))
            labelPhone.grid(row=7,column=0,padx=10,pady=15)

            SrPhone=StringVar()

Phone=Entry(framestaffregistrationcenter,textvariable=SrPhone,font=("calibri",20,"bold"))
            Phone.grid(row=7,column=1,padx=0)

            labelAddress=Label(framestaffregistrationcenter,text="Address:
",bg="lightgreen",font=("calibri",21,"bold"))
            labelAddress.grid(row=8,column=0,padx=10,pady=15)

            SrAddress=StringVar()

Address=Entry(framestaffregistrationcenter,textvariable=SrAddress,font=("calibri",20,"bold"
))
            Address.grid(row=8,column=1,padx=0)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_rowconfigure(5,weight=1)
            root.grid_rowconfigure(6,weight=1)
            root.grid_rowconfigure(7,weight=1)
            root.grid_rowconfigure(8,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)


framestaffregistrationright=Frame(framestaffregistration,height="60",width="300",bg="light 
green",relief="solid",borderwidth=2)
            framestaffregistrationright.pack(side=RIGHT,fill=Y)


buttonAdd=Button(framestaffregistrationright,text="ADD",command=Sradd,bd=7,bg="yello
w",width=10,font=("calibri",15,"bold"))
            buttonAdd.pack(side=TOP,padx="70",pady=100)

      def Aisearch(ID):
         connection = sqlite3.connect("HEMANT.db")
         cursor=connection.cursor()
         query="select * from pa where PaPatientid like '{0}' or PaName like '{0}' or PaPhone 
like '{0}'".format(ID)
         cursor.execute(query)
         for row in cursor:
            AiPatientid.set(row[0])
            AiName.set(row[1])
            GenderAi.set(row[2])
            AiAge.set(row[3])
            AiPhone.set(row[4])
            AiAddress.set(row[5])
            AiDisease.set(row[6])
            AiCheckIn.set(row[7])
            AiBloodgroup.set(row[8])
            AiDoctorname.set(row[9])
            AiCheckOut.set(row[10])
            AiRoomNo.set(row[11])
            AiRoomtype.set(row[12])
            AiPrice.set(row[13])

      def Aiupdate():
         connection = sqlite3.connect("HEMANT.db")
         cursor=connection.cursor()
         query="update pa set PaName = '{}',GenderPa = '{}',PaAge = '{}',PaPhone = 
'{}',PaAddress = '{}',PaDisease = '{}',PaCheckIn = '{}',PaBloodgroup = '{}',PaDoctorname = 
'{}',PaCheckOut = '{}',PaRoomNo = '{}',PaRoomtype = '{}',PaPrice = '{}' where PaPatientid 
=
'{}'".format(AiName.get(),GenderAi.get(),AiAge.get(),AiPhone.get(),AiAddress.get(),AiDisease.get(),AiCheckIn.get(),AiBloodgroup.get(),AiDoctorname.get(),AiCheckOut.get(),AiRoomNo.get(),AiRoomtype.get(),AiPrice.get(),AiPatientid.get())
            cursor.execute(query)
            connection.commit()
            messagebox.showinfo("Congratulations ", "Data Updated Successfully")

            connection = sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from pa"
            cursor.execute(query)
            for row in cursor:
                AiPatientid.set(row[0])
                AiName.set(row[1])
                GenderAi.set(row[2])
                AiAge.set(row[3])
                AiPhone.set(row[4])
                AiAddress.set(row[5])
                AiDisease.set(row[6])
                AiCheckIn.set(row[7])
                AiBloodgroup.set(row[8])
                AiDoctorname.set(row[9])
                AiCheckOut.set(row[10])
                AiRoomNo.set(row[11])
                AiRoomtype.set(row[12])
                AiPrice.set(row[13])

                PaPatientid.set("")
                PaName.set("")
                GenderPa.set("")
                PaAge.set("")
                PaPhone.set("")
                PaAddress.set("")
                PaDisease.set("")
                PaCheckIn.set("")
                PaBloodgroup.set("")
                PaDoctorname.set("")
                PaCheckOut.set("")
                PaRoomNo.set("")
                PaRoomtype.set("")
                PaPrice.set("")


        def patientadmitfetch_data():
            connection=sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()

            query="select * from pa"
            cursor.execute(query)
            rows=cursor.fetchall()
            if len(rows)!=0:
                Patientadmit_table.delete(*Patientadmit_table.get_children())
                for row in rows:
                    Patientadmit_table.insert('',END,values=row)

                    connection.commit()
            connection.close()

        def search_dataadmitrecord():
            connection=sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()

            cursor.execute("select * from pa where "+str(search_byadmitrecord.get())+" Like
'%"+str(search_txtadmitrecord.get())+"%'")
            rows=cursor.fetchall()
            if len(rows)!=0:
                    Patientadmit_table.delete(*Patientadmit_table.get_children())
                    for row in rows:
                            Patientadmit_table.insert('',END,values=row)
                    connection.commit()
            connection.close()

        def fetch_dataadmitrecord():
            connection=sqlite3.connect("HEMANT.db")
            cursor=connection.cursor()
            query="select * from pa"
            cursor.execute(query)

            rows=cursor.fetchall()
            if len(rows)!=0:
                Patientadmit_table.delete(*Patientadmit_table.get_children())
                for row in rows:
                    Patientadmit_table.insert('',END,values=row)
                    connection.commit()
            connection.close()

        def AdmitRecord():
            global framemenuimage
            global framehome
            global frameprintbill
            global framereceiptimage
            global imagehome
            global imagemenu
            global framereceipt
            global framerireceiptimage
            global framepatientregistration
            global framepatientadmit
            global frameadmitrecord
            global framerinfo
            global frameainfo
            global framestaffregistration
            global framestaffinformation
            global framedoctorrecord
            global framebill
            global framerrecord
            global framemenuroot
            global search_byregistration
            global search_byadmitrecord
            global search_txtadmitrecord
            global search_txtregistration
            global PrPatientid
            global PrName
            global GenderPr
            global PrAge
            global PrPhone
            global PrAddress
            global PrDisease
            global PrCheckIn
            global PrBloodgroup
            global PrDoctorname
            global PrRoomNo
            global RiPatientid
            global RiName
            global GenderRi
            global RiAge
            global RiPhone
            global RiAddress
            global RiDisease
            global RiCheckIn
            global RiBloodgroup
            global RiDoctorname
            global RiRoomNo
            global Patientregistration_table
            global homeicon
            global patientregistrationicon
            global patientadmiticon
            global registrationinformationicon
            global admitinformationicon
            global doctorregistrationicon
            global doctorinformationicon
            global registrationrecordicon
            global admitrecordicon
            global doctorrecordicon
            global generatebillicon
            global billrecordicon
            global appointmenticon
            global framebillrecord
            global BlrecordIdentity
            global BlrecordName
            global GenderBlrecord
            global BlrecordAge
            global Blrecordcheckin
            global BlrecordDisease
            global BlrecordPhone
            global BlrecordAddress
            global BlrecordDoctorname
            global Blrecordcheckout
            global BlrecordDoctorcharges
            global BlrecordLabtest
            global TreatmentchargesBlrecord
            global BlrecordProcedurecharges
            global BlrecordOthercharges
            global BlrecordMiscellaneouscharges
            global BlrecordRoomcharges
            global BlrecordTotal
            global Blsearch
            global frameappointment
            global frameappointmentright
            global Patientadmit_table

            global counterlogin
            global counterhome
            global counterpreg
            global counterrinfo
            global counterpadmit
            global counterainfo
            global countersreg
            global countersinfo
            global counterrrecord
            global counteradmitrecord
            global counterdrecord
            global counterbill
            global counterreceipt
            global counterrireceipt
            global counterprintbill
            global counterbillrecord
            global counterappointment


            try:
                framemenuimage.destroy()
            except:
                pass
            try:
                frameprintbill.destroy()
            except:
                pass
            try:
                framereceiptimage.destroy()
```

```
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framehome.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         framerrecord.destroy()
except:
         pass
try:
   framerinfo.destroy()
except:
   pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framestaffinformation.destroy()
except:
   pass
try:
   framedoctorrecord.destroy()
except:
   pass
try:
   framebill.destroy()
except:
   pass
```

```
      try:
        framebillrecord.destroy()
      except:
        pass
      try:
            frameappointment.destroy()
      except:
            pass
      try:
            frameappointmentright.destroy()
      except:
            pass

      counteradmitrecord+=1
      counterhome=0
      counterpreg=0
      counterrinfo=0
      counterpadmit=0
      counterainfo=0
      countersreg=0
      countersinfo=0
      counterrrecord=0
      counterdrecord=0
      counterbill=0
      counterlogin=0
      counterreceipt=0
      counterrireceipt=0
      counterprintbill=0
      counterbillrecord=0
      counterappointment=0

      if counteradmitrecord==1:
        frameadmitrecord=Frame(root,relief="solid",borderwidth=2)
        frameadmitrecord.pack(fill=BOTH,expand=True)

        frameadmitrecordtop=Frame(frameadmitrecord)
        frameadmitrecordtop.pack(side=TOP)

        frameadmitrecordupper=Frame(frameadmitrecordtop)
        frameadmitrecordupper.grid()

        lbl_search=Label(frameadmitrecordupper,text="Search
By",fg="black",font=("times new roman",13,"bold"))
        lbl_search.grid(row=0,column=0,pady=7,sticky="w")

        search_byadmitrecord=StringVar()

combo_search=ttk.Combobox(frameadmitrecordupper,textvariable=search_byadmitrecord,wi
dth=7,font=("times new roman",13,"bold"),state='readonly')
```

```
combo_search['values']=("PaPatientid","PaName","GenderPa","PaDisease","PaPhone","PaBl
oodgroup")
        combo_search.grid(row=0,column=1,pady=10)

        search_txtadmitrecord=StringVar()

txt_search=Entry(frameadmitrecordupper,textvariable=search_txtadmitrecord,font=("times
new roman",10,"bold"),bd=5,relief=GROOVE,width=10)
        txt_search.grid(row=0,column=2,padx=5,pady=10,sticky="w")


searchbtn=Button(frameadmitrecordupper,text="Search",command=search_dataadmitrecord,
width=10).grid(row=0,column=3,pady=10)
        showallbtn=Button(frameadmitrecordupper,text="Show
All",command=fetch_dataadmitrecord,width=10).grid(row=0,column=4,pady=10)


        frameadmitrecorddown=Frame(frameadmitrecord)
        frameadmitrecorddown.pack(fill=BOTH,expand=True)

        scroll1=Scrollbar(frameadmitrecorddown,orient=HORIZONTAL)
        scroll1.pack(side=BOTTOM,fill=X)
        scroll2=Scrollbar(frameadmitrecorddown,orient=VERTICAL)
        scroll2.pack(side=RIGHT,fill=Y)
        Patientadmit_table=ttk.Treeview(frameadmitrecorddown,columns=("PaPatientid",
"PaName", "GenderPa",
"PaAge","PaPhone","PaAddress","PaDisease","PaCheckIn","PaBloodgroup","PaDoctorname
","PaCheckOut","PaRoomNo","PaRoomtype"),xscrollcommand=scroll1.set,yscrollcommand
=scroll2.set)
        scroll1.config(command=Patientadmit_table.xview)
        scroll2.config(command=Patientadmit_table.yview)
        Patientadmit_table.heading('PaPatientid', text="Patientid", anchor=W)
        Patientadmit_table.heading('PaName', text="Name", anchor=W)
        Patientadmit_table.heading('GenderPa', text="Gender", anchor=W)
        Patientadmit_table.heading('PaAge', text="Age", anchor=W)
        Patientadmit_table.heading('PaPhone', text="Phone", anchor=W)
        Patientadmit_table.heading('PaAddress', text="Address", anchor=W)
        Patientadmit_table.heading('PaDisease', text="Disease", anchor=W)
        Patientadmit_table.heading('PaCheckIn', text="CheckIn", anchor=W)
        Patientadmit_table.heading('PaBloodgroup', text="Bloodgroup", anchor=W)
        Patientadmit_table.heading('PaDoctorname', text="Doctorname", anchor=W)
        Patientadmit_table.heading('PaCheckOut', text="Checkout", anchor=W)
        Patientadmit_table.heading('PaRoomNo', text="Room No", anchor=W)
        Patientadmit_table.heading('PaRoomtype', text="Room Type", anchor=W)

        Patientadmit_table['show']='headings'
        Patientadmit_table.column("PaPatientid",width=100)
        Patientadmit_table.column("PaName",width=100)
        Patientadmit_table.column("GenderPa",width=85)
        Patientadmit_table.column("PaAge",width=70)
        Patientadmit_table.column("PaPhone",width=100)
        Patientadmit_table.column("PaAddress",width=140)
        Patientadmit_table.column("PaDisease",width=100)
        Patientadmit_table.column("PaCheckIn",width=100)
        Patientadmit_table.column("PaBloodgroup",width=100)
        Patientadmit_table.column("PaDoctorname",width=100)
        Patientadmit_table.column("PaCheckOut",width=100)
        Patientadmit_table.column("PaRoomNo",width=100)
        Patientadmit_table.column("PaRoomtype",width=100)

        Patientadmit_table.pack(fill=BOTH,expand=True)

        patientadmitfetch_data()


def ainfo():
    global framemenuimage
    global framehome
    global frameprintbill
    global imagemenu
    global framereceiptimage
    global imagehome
    global framemenuroot
    global framepatientregistration
    global framepatientadmit
    global frameadmitrecord
    global framerinfo
    global frameainfo
    global framestaffregistration
    global framestaffinformation
    global framerrecord
    global framebill
    global framedoctorrecord
    global framereceipt
    global framerireceiptimage
    global AiPatientid
    global AiName
    global GenderAi
    global AiAge
    global AiPhone
    global AiAddress
    global AiDisease
    global AiCheckIn
    global AiBloodgroup
    global AiDoctorname
    global AiCheckOut
    global AiRoomNo
    global AiRoomtype
    global AiPrice
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global frameappointment
global frameappointmentright

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment


counterainfo+=1
counterhome=0
counterpreg=0
counterrinfo=0
counterpadmit=0
countersreg=0
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
```

```
counterprintbill=0
counterbillrecord=0
counterappointment=0


try:
   framemenuimage.destroy()
except:
   pass
try:
   frameprintbill.destroy()
except:
   pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framehome.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   framerinfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
```

```
           framestaffinformation.destroy()
        except:
           pass
        try:
           framerrecord.destroy()
        except:
           pass
        try:
           framebill.destroy()
        except:
           pass
        try:
           framedoctorrecord.destroy()
        except:
           pass
        try:
           framebillrecord.destroy()
        except:
           pass
        try:
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass

        if counterainfo==1:
           frameainfo=Frame(root,width=100,height=100,bg="lightgreen")
           frameainfo.pack(side="right",fill=BOTH,expand=TRUE)


frameainfotop=Frame(frameainfo,height="200",relief="solid",borderwidth=2,bg="sandybro
wn")
           frameainfotop.pack(side=TOP,fill=X)

           labelpatientinfotext=Label(frameainfotop,text="Admit
Information",bg="sandybrown",font=("calibri",23,"bold"))
           labelpatientinfotext.pack(anchor="center")


frameainfoleft=Frame(frameainfo,height="60",width="300",relief="solid",bg="lightgreen",b
orderwidth=2)
           frameainfoleft.pack(side=LEFT,fill=Y)

           labelinputpatientname=Label(frameainfoleft,text="Input Patient's
ID",bg="lightgreen",font=("calibri",17,"bold"))
           labelinputpatientname.pack(anchor=CENTER,pady=20)
```

```
            searchID=StringVar()

inputpatientname=Entry(frameainfoleft,textvariable=searchID,width="20",font=("calibri",15,
"bold"))
            inputpatientname.pack()

            Search1button=Button(frameainfoleft,text="Search",command=lambda:
Aisearch(searchID.get()),bg="yellow",font=("calibri",15,"bold"))
            Search1button.pack(side=TOP,pady=8)


frameainfocenter=Frame(frameainfo,height="60",width="130",relief="solid",bg="lightgreen"
,borderwidth=2)
            frameainfocenter.pack(side=LEFT,fill=BOTH,expand=True)

            labelPatientid=Label(frameainfocenter,text="Patient ID:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelPatientid.grid(row=0,column=0,pady=10,sticky="w")

            AiPatientid=StringVar()

Patientid=Entry(frameainfocenter,textvariable=AiPatientid,font=("calibri",20,"bold"))
            Patientid.grid(row=0,column=1,padx=1,pady=17,sticky="w")


labelPatientid=Label(frameainfocenter,text="",bg="lightgreen",font=("calibri",20,"bold"))
            labelPatientid.grid(row=0,column=2,sticky="e")

            labelName=Label(frameainfocenter,text="Name:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelName.grid(row=1,column=0,padx=0,pady=17,sticky="w")

            AiName=StringVar()
            Name=Entry(frameainfocenter,textvariable=AiName,font=("calibri",20,"bold"))
            Name.grid(row=1,column=1)

            GenderAi=StringVar()
            GenderAi.set("")

            labelGender=Label(frameainfocenter,text="Gender:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelGender.grid(row=2,column=0)

            i= IntVar()
            r1 =
Radiobutton(frameainfocenter,text="male",value=1,variable=GenderAi,bg="lightgreen",font
=("calibri",20,"bold"))
            r2 =
Radiobutton(frameainfocenter,text="female",value=2,variable=GenderAi,bg="lightgreen",fo
nt=("calibri",20,"bold"))
```

```
            r1.grid(row=2,column=1,sticky="w")
            r2.grid(row=2,column=1,sticky="e",padx=0)
            GenderAi.set(3)

            labelAge=Label(frameainfocenter,text="Age:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelAge.grid(row=3,column=0,sticky="w",padx=0,pady=17)

            AiAge=StringVar()
            Age=Entry(frameainfocenter,textvariable=AiAge,font=("calibri",20,"bold"))
            Age.grid(row=3,column=1)

            labelPhone=Label(frameainfocenter,text="Phone:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelPhone.grid(row=4,column=0,sticky="w",padx=0,pady=17)

            AiPhone=StringVar()
            Phone=Entry(frameainfocenter,textvariable=AiPhone,font=("calibri",20,"bold"))
            Phone.grid(row=4,column=1)

            labelAddress=Label(frameainfocenter,text="Address:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelAddress.grid(row=5,column=0,sticky="w",padx=0,pady=17)

            AiAddress=StringVar()

Address=Entry(frameainfocenter,textvariable=AiAddress,font=("calibri",20,"bold"))
            Address.grid(row=5,column=1)

            labelDisease=Label(frameainfocenter,text="Disease:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelDisease.grid(row=6,column=0,sticky="w",padx=0,pady=17)

            AiDisease=StringVar()
            Disease=Entry(frameainfocenter,textvariable=AiDisease,font=("calibri",20,"bold"))
            Disease.grid(row=6,column=1)

            labelCheckIn=Label(frameainfocenter,text="Check
In",bg="lightgreen",font=("calibri",20,"bold"))
            labelCheckIn.grid(row=7,column=0,sticky="w",padx=0,pady=17)

            AiCheckIn=StringVar()

CheckIn=Entry(frameainfocenter,textvariable=AiCheckIn,font=("calibri",20,"bold"))
            CheckIn.grid(row=7,column=1)


            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
```

```
        root.grid_rowconfigure(3,weight=1)
        root.grid_rowconfigure(4,weight=1)
        root.grid_rowconfigure(5,weight=1)
        root.grid_columnconfigure(0,weight=1)
        root.grid_columnconfigure(1,weight=1)


frameainforight=Frame(frameainfo,height="60",width="300",relief="solid",borderwidth=2,b
g="lightgreen")
        frameainforight.pack(side=RIGHT,fill=Y)

        labelBloodgroup=Label(frameainforight,text="Blood
Group",bg="lightgreen",font=("calibri",17,"bold"))
        labelBloodgroup.pack(padx=80,pady=10)

        AiBloodgroup=StringVar()

Bloodgroup=Entry(frameainforight,textvariable=AiBloodgroup,width="20",font=("calibri",1
7,"bold"))
        Bloodgroup.pack()

        labelDoctorname=Label(frameainforight,text="Doctor
Name",bg="lightgreen",font=("calibri",17,"bold"))
        labelDoctorname.pack(padx=80,pady=10)

        AiDoctorname=StringVar()

Doctorname=Entry(frameainforight,textvariable=AiDoctorname,width="20",font=("calibri",1
7,"bold"))
        Doctorname.pack()

        labelCheckOut=Label(frameainforight,text="Check
OUT",bg="lightgreen",font=("calibri",17,"bold"))
        labelCheckOut.pack(pady=10)

        AiCheckOut=StringVar()

CheckOut=Entry(frameainforight,textvariable=AiCheckOut,width="20",font=("calibri",17,"b
old"))
        CheckOut.pack()

        labelRoomNo=Label(frameainforight,text="Room
No.",bg="lightgreen",font=("calibri",17,"bold"))
        labelRoomNo.pack(pady=10)

        AiRoomNo=StringVar()

RoomNo=Entry(frameainforight,textvariable=AiRoomNo,width="20",font=("calibri",17,"bol
d"))
        RoomNo.pack()
```

```
            labelRoomType=Label(frameainforight,text="Room
Type",bg="lightgreen",font=("calibri",17,"bold"))
            labelRoomType.pack(pady=10)

            list=["Normal Ward","Personal Room"]
            AiRoomtype=StringVar(frameainforight)

            dropdownlist=OptionMenu(frameainforight,AiRoomtype,*list)
            dropdownlist.pack()


labelPrice=Label(frameainforight,text="Price.",bg="lightgreen",font=("calibri",17,"bold"))
            labelPrice.pack(pady=10)

            AiPrice=StringVar()

Price=Entry(frameainforight,textvariable=AiPrice,width="20",font=("calibri",17,"bold"))
            Price.pack()


Updatebutton=Button(frameainforight,text="Update",command=Aiupdate,bg="yellow",widt
h=15,bd=7,font=("calibri",15,"bold"))
            Updatebutton.pack(side=LEFT,padx=50)

      def Paadd():
         global framemenuimage
         global framehome
         global frameprintbill
         global framereceiptimage
         global imagemenu
         global imagehome
         global framepatientregistration
         global framepatientadmit
         global frameadmitrecord
         global framerinfo
         global frameainfo
         global framestaffregistration
         global framestaffinformation
         global framebill
         global framedoctorrecord
         global framereceipt
         global framerireceiptimage
         global PaPatientid
         global PaName
         global GenderPa
         global PaAge
         global PaPhone
         global PaAddress
         global PaDisease
         global PaCheckIn
         global PaBloodgroup
         global PaDoctorname
         global PaCheckOut
         global PaRoomNo
         global PaRoomtype
         global PaPrice
         global AiPatientid
         global AiName
         global GenderAi
         global AiAge
         global AiPhone
         global AiAddress
         global AiDisease
         global AiCheckIn
         global AiBloodgroup
         global AiDoctorname
         global AiCheckOut
         global AiRoomNo
         global AiRoomtype
         global AiPrice
         global homeicon
         global patientregistrationicon
         global patientadmiticon
         global registrationinformationicon
         global admitinformationicon
         global doctorregistrationicon
         global doctorinformationicon
         global registrationrecordicon
         global admitrecordicon
         global doctorrecordicon
         global generatebillicon
         global billrecordicon
         global appointmenticon
         global framebillrecord
         global frameappointment

         global counterlogin
         global counterhome
         global counterpreg
         global counterrinfo
         global counterpadmit
         global counterainfo
         global countersreg
         global countersinfo
         global counterrrecord
         global counteradmitrecord
         global counterdrecord
         global counterbill
         global counterreceipt
```

```
        global counterrireceipt
        global counterprintbill
        global counterbillrecord
        global counterappointment

        if  PaPatientid.get() == "" or PaName.get() == "" or GenderPa.get() == "" or
PaAge.get() == "" or PaPhone.get() == "" or PaDisease.get() == "" or PaCheckIn.get() == ""
or PaCheckOut.get() == "" or PaRoomNo.get() == "" or PaPrice.get() == "":
          result = tkMessageBox.showwarning('', 'Please Complete The Required Field',
icon="warning")
        else:
                connection = sqlite3.connect("HEMANT.db")
                cursor=connection.cursor()

                query = "insert into pa
values('{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}')".format(PaPatientid.get(),PaN
ame.get(),GenderPa.get(),PaAge.get(),PaPhone.get(),PaAddress.get(),PaDisease.get(),PaChec
kIn.get(),PaBloodgroup.get(),PaDoctorname.get(),PaCheckOut.get(),PaRoomNo.get(),PaRoo
mtype.get(),PaPrice.get())
                cursor.execute(query)
                connection.commit()

                connection = sqlite3.connect("HEMANT.db")
                cursor=connection.cursor()
                query="select * from pa"
                cursor.execute(query)
                messagebox.showinfo("Congratulations ", "Data Added Successfully ")

    def Adsearch(ID):
        connection = sqlite3.connect("HEMANT.db")
        cursor=connection.cursor()
        query="select * from pr where PrPatientid like '{0}' or PrName like '{0}' or PrPhone
like '{0}'".format(ID)
        cursor.execute(query)
        for row in cursor:
                PaPatientid.set(row[0])
                PaName.set(row[1])
                GenderPa.set(row[2])
                PaAge.set(row[3])
                PaPhone.set(row[4])
                PaAddress.set(row[5])
                PaDisease.set(row[6])
                PaCheckIn.set(row[7])
                PaBloodgroup.set(row[8])
                PaDoctorname.set(row[9])
                PaCheckOut.set(row[10])


    def padmit():
        global framemenuimage
global framehome
global frameprintbill
global framereceiptimage
global framerireceiptimage
global imagemenu
global imagehome
global framepatientregistration
global framepatientadmit
global frameadmitrecord
global framerinfo
global frameainfo
global framebill
global search_byregistration
global search_txtregistration
global search_byadmitrecord
global search_txtadmitrecord
global framestaffregistration
global framestaffinformation
global framerrecord
global framedoctorrecord
global framereceipt
global framemenuroot
global PaPatientid
global PaName
global GenderPa
global PaAge
global PaPhone
global PaAddress
global PaDisease
global PaCheckIn
global PaBloodgroup
global PaDoctorname
global PaCheckOut
global PaRoomNo
global PaRoomtype
global PaPrice
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global appointmenticon
global framebillrecord
global frameappointment
global frameappointmentright
global Patientadmit_table

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

counterpadmit+=1
counterhome=0
counterpreg=0
counterrinfo=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0


try:
    framemenuimage.destroy()
except:
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framehome.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framerinfo.destroy()
except:
   pass
try:
   frameainfo.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framestaffinformation.destroy()
except:
   pass
try:
   framerrecord.destroy()
except:
   pass
try:
   framebill.destroy()
except:
   pass
try:
   framedoctorrecord.destroy()
except:
```

```
          pass
        try:
          framebillrecord.destroy()
        except:
          pass
        try:
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass

        if counterpadmit==1:
          framepatientadmit=Frame(root,width=100,bg="lightgreen",height=100)
          framepatientadmit.pack(side="right",fill=BOTH,expand=TRUE)


frameainfoleft=Frame(framepatientadmit,height="60",width="200",relief="solid",borderwidt
h=2,bg="lightgreen")
          frameainfoleft.pack(side=LEFT,fill=Y)


framepatientadmittop=Frame(frameainfoleft,height="200",relief="solid",borderwidth=2,bg="
sandybrown")
          framepatientadmittop.pack(side=TOP,fill=X)

          labelinputpatientname=Label(framepatientadmittop,text="Input Patient's
ID",bg="sandybrown",font=("calibri",17,"bold"))
          labelinputpatientname.pack(anchor=CENTER,pady=10)

          framepatientadmittopsearch=Frame(frameainfoleft,bg="lightgreen")
          framepatientadmittopsearch.pack(side=TOP)

          searchID=StringVar()

inputpatientname=Entry(framepatientadmittopsearch,textvariable=searchID,width="15",font
=("calibri",15,"bold"))
          inputpatientname.pack(pady=10)


Searchbutton=Button(framepatientadmittopsearch,text="Search",command=lambda:Adsearc
h(searchID.get()),bg="yellow",font=("calibri",15,"bold"))
          Searchbutton.pack(side=TOP,pady=8)


framepatientadmittop=Frame(framepatientadmit,height="200",relief="solid",borderwidth=2,
bg="sandybrown")
          framepatientadmittop.pack(side=TOP,fill=X)
```

```
            labelpatientrinfotext=Label(framepatientadmittop,text="Patient
Admit",bg="sandybrown",font=("calibri",23,"bold"))
            labelpatientrinfotext.pack(anchor="center")


framepatientadmitcenter=Frame(framepatientadmit,height="60",width="130",bg="lightgreen
",relief="solid",borderwidth=2)
            framepatientadmitcenter.pack(side=LEFT,fill=BOTH,expand=True)

            labelPatientid=Label(framepatientadmitcenter,text="Patient ID:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelPatientid.grid(row=0,column=0,padx=40,pady=10,sticky="w")

            PaPatientid=StringVar()

Patientid=Entry(framepatientadmitcenter,textvariable=PaPatientid,font=("calibri",20,"bold"))
            Patientid.grid(row=0,column=1,padx=1,pady=17,sticky="w")

            labelName=Label(framepatientadmitcenter,text="Name:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelName.grid(row=1,column=0,padx=40,pady=17,sticky="w")

            PaName=StringVar()

Name=Entry(framepatientadmitcenter,textvariable=PaName,font=("calibri",20,"bold"))
            Name.grid(row=1,column=1)

            GenderPa=StringVar()
            GenderPa.set("")

            labelGender=Label(framepatientadmitcenter,text="Gender:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelGender.grid(row=2,column=0)

            i= IntVar()
            r1 =
Radiobutton(framepatientadmitcenter,text="male",value=1,variable=GenderPa,bg="lightgree
n",font=("calibri",20,"bold"))
            r2 =
Radiobutton(framepatientadmitcenter,text="female",value=2,variable=GenderPa,bg="lightgr
een",font=("calibri",20,"bold"))
            r1.grid(row=2,column=1,sticky="w")
            r2.grid(row=2,column=1,sticky="e",padx=0)
            GenderPa.set(3)

            labelAge=Label(framepatientadmitcenter,text="Age:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelAge.grid(row=3,column=0,sticky="w",padx=40,pady=17)
            PaAge=StringVar()

Age=Entry(framepatientadmitcenter,textvariable=PaAge,font=("calibri",20,"bold"))
            Age.grid(row=3,column=1)

            labelPhone=Label(framepatientadmitcenter,text="Phone:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelPhone.grid(row=4,column=0,sticky="w",padx=40,pady=17)

            PaPhone=StringVar()

Phone=Entry(framepatientadmitcenter,textvariable=PaPhone,font=("calibri",20,"bold"))
            Phone.grid(row=4,column=1)

            labelAddress=Label(framepatientadmitcenter,text="Address:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelAddress.grid(row=5,column=0,padx=40,pady=17,sticky="w")

            PaAddress=StringVar()

Address=Entry(framepatientadmitcenter,textvariable=PaAddress,font=("calibri",20,"bold"))
            Address.grid(row=5,column=1)

            labelDisease=Label(framepatientadmitcenter,text="Disease:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelDisease.grid(row=6,column=0,padx=40,pady=17,sticky="w")

            PaDisease=StringVar()

Disease=Entry(framepatientadmitcenter,textvariable=PaDisease,font=("calibri",20,"bold"))
            Disease.grid(row=6,column=1)

            labelCheckIn=Label(framepatientadmitcenter,text="Check
In",bg="lightgreen",font=("calibri",20,"bold"))
            labelCheckIn.grid(row=7,column=0,padx=40,pady=17,sticky="w")

            PaCheckIn=StringVar()

CheckIn=Entry(framepatientadmitcenter,textvariable=PaCheckIn,font=("calibri",20,"bold"))
            CheckIn.grid(row=7,column=1)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_rowconfigure(5,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)
```

```
framepatientadmitright=Frame(framepatientadmit,height="60",width="300",relief="solid",bg
="lightgreen",borderwidth=2)
            framepatientadmitright.pack(side=RIGHT,fill=Y)

            labelBloodgroup=Label(framepatientadmitright,text="Blood
group",bg="lightgreen",font=("calibri",17,"bold"))
            labelBloodgroup.pack(padx=80,pady=10)

            PaBloodgroup=StringVar()

Bloodgroup=Entry(framepatientadmitright,textvariable=PaBloodgroup,width="20",font=("ca
libri",17,"bold"))
            Bloodgroup.pack()

            labelDoctorname=Label(framepatientadmitright,text="Doctor
Name",bg="lightgreen",font=("calibri",17,"bold"))
            labelDoctorname.pack(padx=80,pady=10)

            PaDoctorname=StringVar()

Doctorname=Entry(framepatientadmitright,textvariable=PaDoctorname,width="20",font=("c
alibri",17,"bold"))
            Doctorname.pack()

            labelCheckOut=Label(framepatientadmitright,text="Check
OUT",bg="lightgreen",font=("calibri",17,"bold"))
            labelCheckOut.pack(pady=10)

            PaCheckOut=StringVar()

CheckOut=Entry(framepatientadmitright,textvariable=PaCheckOut,width="20",font=("calibr
i",17,"bold"))
            CheckOut.pack()

            labelRoomNo=Label(framepatientadmitright,text="Room
No.",bg="lightgreen",font=("calibri",17,"bold"))
            labelRoomNo.pack(pady=10)

            PaRoomNo=StringVar()

RoomNo=Entry(framepatientadmitright,textvariable=PaRoomNo,width="20",font=("calibri",
17,"bold"))
            RoomNo.pack()

            labelRoomType=Label(framepatientadmitright,text="Room
Type",bg="lightgreen",font=("calibri",17,"bold"))
            labelRoomType.pack(pady=10)

            list=["Normal Ward","Personal Room"]
            PaRoomtype=StringVar(framepatientadmitright)

            dropdownlist=OptionMenu(framepatientadmitright,PaRoomtype,*list)
            dropdownlist.pack()


labelPrice=Label(framepatientadmitright,text="Price.",bg="lightgreen",font=("calibri",17,"bold"))
            labelPrice.pack(pady=10)

            PaPrice=StringVar()

Price=Entry(framepatientadmitright,textvariable=PaPrice,width="20",font=("calibri",17,"bold"))
            Price.pack()


ADDAbutton=Button(framepatientadmitright,text="ADD",command=Paadd,bg="yellow",width=15,bd=7,font=("calibri",15,"bold"))
            ADDAbutton.pack(pady=9)




      def Risearch(ID):
         connection = sqlite3.connect("HEMANT.db")
         cursor=connection.cursor()
         query="select * from pr where PrPatientid like '{0}' or PrName like '{0}' or PrPhone like '{0}'".format(ID)
         cursor.execute(query)
         for row in cursor:
            RiPatientid.set(row[0])
            RiName.set(row[1])
            GenderRi.set(row[2])
            RiAge.set(row[3])
            RiPhone.set(row[4])
            RiAddress.set(row[5])
            RiDisease.set(row[6])
            RiCheckIn.set(row[7])
            RiBloodgroup.set(row[8])
            RiDoctorname.set(row[9])
            RiRoomNo.set(row[10])

      def Riupdate():
         connection = sqlite3.connect("HEMANT.db")
         cursor=connection.cursor()
         query="update pr set PrName = '{}',GenderPr = '{}',PrAge = '{}',PrPhone = '{}',PrAddress = '{}',PrDisease = '{}',PrCheckIn = '{}',PrBloodgroup = '{}',PrDoctorname = '{}',PrRoomNo = '{}' where PrPatientid = '{}'".format(RiName.get(),GenderRi.get(),RiAge.get(),RiPhone.get(),RiAddress.get(),RiDise
ase.get(),RiCheckIn.get(),RiBloodgroup.get(),RiDoctorname.get(),RiRoomNo.get(),RiPatient
id.get())
      cursor.execute(query)
      connection.commit()
      messagebox.showinfo("Congratulations ", "Data Updated Successfully")

      connection = sqlite3.connect("HEMANT.db")
      cursor=connection.cursor()
      query="select * from pr"
      cursor.execute(query)
      for row in cursor:
        RiPatientid.set(row[0])
        RiName.set(row[1])
        GenderRi.set(row[2])
        RiAge.set(row[3])
        RiPhone.set(row[4])
        RiAddress.set(row[5])
        RiDisease.set(row[6])
        RiCheckIn.set(row[7])
        RiBloodgroup.set(row[8])
        RiDoctorname.set(row[9])
        RiRoomNo.set(row[10])


    def Pradd():
      global framemenuimage
      global framepatientregistration
      global frameprintbill
      global framerinfo
      global framereceiptimage
      global imagemenu
      global imagehome
      global framereceipt
      global framerireceiptimage
      global PrPatientid
      global PrName
      global GenderPr
      global PrAge
      global PrPhone
      global PrAddress
      global PrDisease
      global PrCheckIn
      global PrBloodgroup
      global PrDoctorname
      global PrRoomNo
      global RiPatientid
      global RiName
      global GenderRi
      global RiAge
      global RiPhone
      global RiAddress
      global RiDisease
      global RiCheckIn
      global RiBloodgroup
      global RiDoctorname
      global RiRoomNo
      global homeicon
      global patientregistrationicon
      global patientadmiticon
      global registrationinformationicon
      global admitinformationicon
      global doctorregistrationicon
      global doctorinformationicon
      global registrationrecordicon
      global admitrecordicon
      global doctorrecordicon
      global generatebillicon
      global billrecordicon
      global appointmenticon
      global framebillrecord
      global frameappointment
      global Patientregistration_table

      global counterlogin
      global counterhome
      global counterpreg
      global counterrinfo
      global counterpadmit
      global counterainfo
      global countersreg
      global countersinfo
      global counterrrecord
      global counteradmitrecord
      global counterdrecord
      global counterbill
      global counterreceipt
      global counterrireceipt
      global counterprintbill
      global counterbillrecord
      global counterappointment

      if  PrName.get() == "" or GenderPr.get() == "" or PrAge.get() == "" or PrPhone.get()
== "" or PrAddress.get() == "" or PrDisease.get() == "":
        result = tkMessageBox.showwarning('', 'Please Complete The Required Field',
icon="warning")
      else:
        connection = sqlite3.connect("HEMANT.db")
        cursor=connection.cursor()

        x=random.randint(0, 10000000)
```

```
                randomRef = str(x)
                randomRef = '2020-' + randomRef
                PrPatientid.set(randomRef)


                query = "insert into pr
values('{}','{}','{}','{}','{}','{}','{}','{}','{}','{}','{}')".format(PrPatientid.get(),PrName.get(),Ge
nderPr.get(),int(PrAge.get()),PrPhone.get(),PrAddress.get(),PrDisease.get(),PrCheckIn.get(),
PrBloodgroup.get(),PrDoctorname.get(),PrRoomNo.get())
                cursor.execute(query)
                connection.commit()

                connection = sqlite3.connect("HEMANT.db")
                cursor=connection.cursor()
                query="select * from pr"
                cursor.execute(query)
                messagebox.showinfo("Congratulations ", "Data Added Successfully ")

        def rinfo():
            global framemenuimage
            global framehome
            global frameprintbill
            global framereceiptimage
            global imagemenu
            global framepatientregistration
            global framepatientadmit
            global frameadmitrecord
            global framerinfo
            global frameainfo
            global framemenuroot
            global framestaffregistration
            global framestaffinformation
            global framerrecord
            global framedoctorrecord
            global framebill
            global framereceipt
            global framerireceiptimage
            global PrPatientid
            global PrName
            global GenderPr
            global PrAge
            global PrPhone
            global PrAddress
            global PrDisease
            global PrCheckIn
            global PrBloodgroup
            global PrDoctorname
            global PrRoomNo
            global RiPatientid
            global RiName
            global GenderRi
            global RiAge
            global RiPhone
            global RiAddress
            global RiDisease
            global RiCheckIn
            global RiBloodgroup
            global RiDoctorname
            global RiRoomNo
            global homeicon
            global patientregistrationicon
            global patientadmiticon
            global registrationinformationicon
            global admitinformationicon
            global doctorregistrationicon
            global doctorinformationicon
            global registrationrecordicon
            global admitrecordicon
            global doctorrecordicon
            global generatebillicon
            global billrecordicon
            global framebillrecord
            global frameappointment
            global frameappointmentright
            global Patientregistration_table

            global counterlogin
            global counterhome
            global counterpreg
            global counterrinfo
            global counterpadmit
            global counterainfo
            global countersreg
            global countersinfo
            global counterrrecord
            global counteradmitrecord
            global counterdrecord
            global counterbill
            global counterreceipt
            global counterrireceipt
            global counterprintbill
            global counterbillrecord
            global counterappointment

            counterrinfo+=1
            counterhome=0
            counterpreg=0
            counterpadmit=0
            counterainfo=0
            countersreg=0
```

```
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

try:
    framemenuimage.destroy()
except:
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
    framereceiptimage.destroy()
except:
    pass
try:
    framereceipt.destroy()
except:
    pass
try:
            framerireceiptimage.destroy()
except:
            pass
try:
    framehome.destroy()
except:
    pass
try:
    framepatientregistration.destroy()
except:
    pass
try:
    framepatientadmit.destroy()
except:
    pass
try:
            frameadmitrecord.destroy()
except:
            pass
try:
    frameainfo.destroy()
```

```
        except:
            pass
        try:
            framestaffregistration.destroy()
        except:
            pass
        try:
            framestaffinformation.destroy()
        except:
            pass
        try:
            framerrecord.destroy()
        except:
            pass
        try:
            framebill.destroy()
        except:
            pass
        try:
            framedoctorrecord.destroy()
        except:
            pass
        try:
            framebillrecord.destroy()
        except:
            pass
        try:
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass

        if counterrinfo==1:
            framerinfo=Frame(root,width=100,height=100)
            framerinfo.pack(side="right",fill=BOTH,expand=TRUE)


framerinfotop=Frame(framerinfo,height="200",relief="solid",borderwidth=2,bg="sandybrow
n")
            framerinfotop.pack(side=TOP,fill=X)

            labelpatientrinfotext=Label(framerinfotop,text="Registration
Information",bg="sandybrown",font=("calibri",23,"bold"))
            labelpatientrinfotext.pack(anchor="center")
```

```
framerinfoleft=Frame(framerinfo,height="60",width="300",relief="solid",borderwidth=2,bg=
"lightgreen")
            framerinfoleft.pack(side=LEFT,fill=Y)

            labelinputpatientname=Label(framerinfoleft,text="Input Patient's
ID",bg="lightgreen",font=("calibri",17,"bold"))
            labelinputpatientname.pack(anchor=CENTER,pady=20)

            searchID=StringVar()

inputpatientname=Entry(framerinfoleft,textvariable=searchID,width="20",font=("calibri",15,
"bold"))
            inputpatientname.pack()


Searchbutton=Button(framerinfoleft,text="Search",command=lambda:Risearch(searchID.get(
)),bg="yellow",font=("calibri",15,"bold"))
            Searchbutton.pack(side=TOP,pady=8)


framerinfocenter=Frame(framerinfo,height="60",width="130",bg="lightgreen",relief="solid",
borderwidth=2)
            framerinfocenter.pack(side=LEFT,fill=BOTH,expand=True)

            labelPatientid=Label(framerinfocenter,text="Patient ID:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelPatientid.grid(row=0,column=0,pady=10,sticky="w")

            RiPatientid=StringVar()

Patientid=Entry(framerinfocenter,textvariable=RiPatientid,font=("calibri",20,"bold"))
            Patientid.grid(row=0,column=1,padx=1,pady=17,sticky="w")


labelPatientid=Label(framerinfocenter,text="",bg="lightgreen",font=("calibri",20,"bold"))
            labelPatientid.grid(row=0,column=2,sticky="e")

            labelName=Label(framerinfocenter,text="Name:
",bg="lightgreen",font=("calibri",20,"bold"))
            labelName.grid(row=1,column=0,padx=0,pady=17,sticky="w")

            RiName=StringVar()
            Name=Entry(framerinfocenter,textvariable=RiName,font=("calibri",20,"bold"))
            Name.grid(row=1,column=1)

            GenderRi=StringVar()
            GenderRi.set("")
```

```
        labelGender=Label(framerinfocenter,text="Gender:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelGender.grid(row=2,column=0)



        r1 =
Radiobutton(framerinfocenter,text="male",value='Male',variable=GenderRi,bg="lightgreen",
font=("calibri",20,"bold"))
        r1.grid(row=2,column=1,sticky="w")
        r2 =
Radiobutton(framerinfocenter,text="female",value='Female',variable=GenderRi,bg="lightgre
en",font=("calibri",20,"bold"))
        r2.grid(row=2,column=1,sticky="e",padx=0)
        GenderRi.set(3)



        labelAge=Label(framerinfocenter,text="Age:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelAge.grid(row=3,column=0,sticky="w",padx=0,pady=17)

        RiAge=StringVar()
        Age=Entry(framerinfocenter,textvariable=RiAge,font=("calibri",20,"bold"))
        Age.grid(row=3,column=1)

        labelPhone=Label(framerinfocenter,text="Phone:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelPhone.grid(row=4,column=0,sticky="w",padx=0,pady=17)

        RiPhone=StringVar()
        Phone=Entry(framerinfocenter,textvariable=RiPhone,font=("calibri",20,"bold"))
        Phone.grid(row=4,column=1)

        labelAddress=Label(framerinfocenter,text="Address:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelAddress.grid(row=5,column=0,sticky="w",padx=0,pady=17)

        RiAddress=StringVar()

Address=Entry(framerinfocenter,textvariable=RiAddress,font=("calibri",20,"bold"))
        Address.grid(row=5,column=1)

        labelDisease=Label(framerinfocenter,text="Disease:
",bg="lightgreen",font=("calibri",20,"bold"))
        labelDisease.grid(row=6,column=0,sticky="w",padx=0,pady=17)

        RiDisease=StringVar()
        Disease=Entry(framerinfocenter,textvariable=RiDisease,font=("calibri",20,"bold"))
        Disease.grid(row=6,column=1)
```

```
            labelCheckIn=Label(framerinfocenter,text="Check In",bg="lightgreen",font=("calibri",20,"bold"))
            labelCheckIn.grid(row=7,column=0,sticky="w",padx=0,pady=17)

            RiCheckIn=StringVar()

CheckIn=Entry(framerinfocenter,textvariable=RiCheckIn,font=("calibri",20,"bold"))
            CheckIn.grid(row=7,column=1)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_rowconfigure(5,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)


framerinforight=Frame(framerinfo,height="60",width="300",bg="lightgreen",relief="solid",borderwidth=2)
            framerinforight.pack(side=RIGHT,fill=Y)

            labelDoctorname=Label(framerinforight,text="Blood Group",bg="lightgreen",font=("calibri",17,"bold"))
            labelDoctorname.pack(padx=80,pady=10)

            RiBloodgroup=StringVar()
            Bloodgroup=Entry(framerinforight,textvariable=RiBloodgroup ,width="20",font=("calibri",17,"bold"))
            Bloodgroup.pack()

            labelDoctorname=Label(framerinforight,text="Doctor Name",bg="lightgreen",font=("calibri",17,"bold"))
            labelDoctorname.pack(padx=80,pady=10)

            RiDoctorname=StringVar()
            Doctorname=Entry(framerinforight,textvariable=RiDoctorname ,width="20",font=("calibri",17,"bold"))
            Doctorname.pack()

            labelDoctorname=Label(framerinforight,text="Room No",bg="lightgreen",font=("calibri",17,"bold"))
            labelDoctorname.pack(padx=80,pady=10)

            RiRoomNo=StringVar()

RoomNo=Entry(framerinforight,textvariable=RiRoomNo,width="20",font=("calibri",17,"bold"))
            RoomNo.pack()
```

```
Updatebutton=Button(framerinforight,text="Update",command=Riupdate,bg="yellow",bd=7,
font=("calibri",15,"bold"))
                Updatebutton.pack(side=RIGHT,padx=35,pady=100)


Updatebutton=Button(framerinforight,text="Receipt",command=Rireceipt,bg="yellow",bd=7
,font=("calibri",15,"bold"))
                Updatebutton.pack(side=RIGHT,padx=35,pady=100)

        def iPrint():
            global txtReceipt
            q=txtReceipt.get("1.0",END)
            filename=tempfile.mktemp(".txt")
            open(filename,"w").write(q)
            os.startfile(filename,"print")

        def billPrint():
            global txtReceiptbill
            q=txtReceiptbill.get("1.0",END)
            filename=tempfile.mktemp(".txt")
            open(filename,"w").write(q)
            os.startfile(filename,"print")

        def home():
            global framemenuimage
            global framehome
            global frameprintbill
            global framereceiptimage
            global imagehome
            global imagemenu
            global framereceipt
            global framerireceiptimage
            global framepatientregistration
            global framepatientadmit
            global frameadmitrecord
            global framerinfo
            global frameainfo
            global framemenuroot
            global framestaffregistration
            global framestaffinformation
            global framerrecord
            global framedoctorrecord
            global framebill
            global PrPatientid
            global PrName
            global GenderPr
            global PrAge
            global PrPhone
            global PrAddress
            global PrDisease
            global PrCheckIn
            global PrBloodgroup
            global PrDoctorname
            global PrRoomNo
            global homeicon
            global patientregistrationicon
            global patientadmiticon
            global registrationinformationicon
            global admitinformationicon
            global doctorregistrationicon
            global doctorinformationicon
            global registrationrecordicon
            global admitrecordicon
            global doctorrecordicon
            global generatebillicon
            global billrecordicon
            global framebillrecord
            global frameappointment
            global frameappointmentright

            global counterlogin
            global counterhome
            global counterpreg
            global counterrinfo
            global counterpadmit
            global counterainfo
            global countersreg
            global countersinfo
            global counterrrecord
            global counteradmitrecord
            global counterdrecord
            global counterbill
            global counterreceipt
            global counterrireceipt
            global counterprintbill
            global counterbillrecord
            global counterappointment

            counterhome+=1
            counterrinfo=0
            counterpreg=0
            counterpadmit=0
            counterainfo=0
            countersreg=0
            countersinfo=0
            counterrrecord=0
            counteradmitrecord=0
            counterdrecord=0
```

```
counterbill=0
counterlogin=0
counterreceipt=0
counterrireceipt=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

try:
   framemenuimage.destroy()
except:
   pass
try:
   frameprintbill.destroy()
except:
   pass
try:
   framereceiptimage.destroy()
except:
   pass
try:
   framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   frame1.destroy()
except:
   pass
try:
   framerinfo.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
```

```
    except:
        pass
    try:
        framestaffinformation.destroy()
    except:
        pass
    try:
        framerrecord.destroy()
    except:
        pass
    try:
        framebill.destroy()
    except:
        pass
    try:
        framedoctorrecord.destroy()
    except:
        pass
    try:
        framepatientregistration.destroy()
    except:
        pass
    try:
        framebillrecord.destroy()
    except:
        pass
    try:
                frameappointment.destroy()
    except:
                pass
    try:
                frameappointmentright.destroy()
    except:
                pass
    if counterhome==1:
        framehome=Frame(root)
        framehome.pack(side=TOP,fill=BOTH,expand=True)

        imagehome=PhotoImage(file="hospital.png")
        label=ttk.Label(framehome,image=imagehome)
        label.pack(side=LEFT,fill=BOTH,expand=True)

def Receipt():
    global framemenuimage
    global framehome
    global frameprintbill
    global BlIdentity
    global BlName
    global GenderBl
    global BlAge
global Blcheckin
global BlDisease
global BlPhone
global BlAddress
global BlDoctorname
global Blcheckout
global BlDoctorcharges
global BlLabtest
global TreatmentchargesBl
global BlProcedurecharges
global BlOthercharges
global BlMiscellaneouscharges
global BlRoomcharges
global BlTotal
global framereceiptimage
global receiptimage
global receiptimager
global imagemenu
global framereceipt
global framerireceiptimage
global framepatientregistration
global framepatientadmit
global frameadmitrecord
global framerinfo
global frameainfo
global framemenuroot
global framestaffregistration
global framestaffinformation
global framerrecord
global framedoctorrecord
global framebill
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global framebillrecord
global frameappointment
global frameappointmentright
global txtReceipt

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

counterreceipt+=1
counterrireceipt=0
counterrinfo=0
counterpreg=0
counterpadmit=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterhome=0
counteradmitrecord=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

try:
    framemenuimage.destroy()
except:
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
    frame1.destroy()
except:
    pass
try:
    framehome.destroy()
except:
    pass
```

```
try:
   framerinfo.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framestaffinformation.destroy()
except:
   pass
try:
   framerrecord.destroy()
except:
   pass
try:
   framebill.destroy()
except:
   pass
try:
   framedoctorrecord.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framebillrecord.destroy()
except:
   pass
try:
         frameappointment.destroy()
except:
         pass
try:
         frameappointmentright.destroy()
```

```
        except:
                pass
        if counterreceipt==1:
           framereceiptimage=Frame(root,bg="lightgreen")
           framereceiptimage.pack(side=TOP,fill=X)

           #receiptimage=PhotoImage(file="VYAS.png")
           #label=ttk.Label(framereceiptimage,image=receiptimage)
           #label.grid(row=0,column=0)


           label=Label(framereceiptimage,text="SH 17 , Jant,Mahendergarh, Haryana
123031",font=("calibri",15,"bold"),bg="lightgreen")
           label.grid(row=0,column=1,padx=200)



           receiptimager=PhotoImage(file="plussign.png")
           label=ttk.Label(framereceiptimage,image=receiptimager)
           label.grid(row=0,column=2)

           framereceipt=Frame(root,bg="lightgreen")
           framereceipt.pack(side="top",fill=BOTH,expand=True)



           framereceipttop=Frame(framereceipt,bg="lightgreen",height=20)
           framereceipttop.pack(side=TOP,fill=X)

           labelreceipt=Label(framereceipttop,text="Receipt :-
",bg="lightgreen",fg="black",font=('arial',20,'bold'))
           labelreceipt.pack(side=LEFT,padx=150,pady=10)


txtReceipt=Text(framereceipt,width=65,height=12,bg='white',bd=4,font=('arial',12,'bold'))
           txtReceipt.pack(anchor="nw",padx=100)

           txtReceipt.insert(END,'Patient id:\t\t\t'+PrPatientid.get() +'\n')
           txtReceipt.insert(END,'Name:\t\t\t' + PrName.get() +'\n')
           txtReceipt.insert(END,'Gender:\t\t\t'+ GenderPr.get()+'\n')
           txtReceipt.insert(END,'Age:\t\t\t'+ PrAge.get()+'\n')
           txtReceipt.insert(END,'Phone No:\t\t\t'+ PrPhone.get()+'\n')
           txtReceipt.insert(END,'Address:\t\t\t'+ PrAddress.get()+'\n')
           txtReceipt.insert(END,'Disease:\t\t\t'+ PrDisease.get()+'\n')
           txtReceipt.insert(END,'Check In:\t\t\t'+ PrCheckIn.get()+'\n')
           txtReceipt.insert(END,'Bloodgroup:\t\t\t'+ PrBloodgroup.get()+'\n')
           txtReceipt.insert(END,'Doctor Name:\t\t\t'+ PrDoctorname.get()+'\n')
           txtReceipt.insert(END,'Room No:\t\t\t'+ PrRoomNo.get()+'\n')
```

```
            labelreceipt=Label(framereceipt,text="Medicine: -
",fg="black",bg="lightgreen",font=('arial',20,'bold'))
            labelreceipt.pack(anchor="nw",padx=150,pady=10)


buttonprint=Button(framereceipt,text="Print",width=7,fg="red",font=('arial',20,'bold'),comma
nd=iPrint)
            buttonprint.pack(side=BOTTOM)






      def Rireceipt():
         global framemenuimage
         global framehome
         global frameprintbill
         global BlIdentity
         global BlName
         global GenderBl
         global BlAge
         global Blcheckin
         global BlDisease
         global BlPhone
         global BlAddress
         global BlDoctorname
         global Blcheckout
         global BlDoctorcharges
         global BlLabtest
         global TreatmentchargesBl
         global BlProcedurecharges
         global BlOthercharges
         global BlMiscellaneouscharges
         global BlRoomcharges
         global BlTotal
         global framereceiptimage
         global receiptimage
         global receiptimager
         global imagemenu
         global framereceipt
         global framerireceiptimage
         global framepatientregistration
         global framepatientadmit
         global frameadmitrecord
         global framerinfo
         global frameainfo
         global framemenuroot
         global framestaffregistration
         global framestaffinformation
         global framerrecord
         global framedoctorrecord
         global framebill
         global homeicon
         global patientregistrationicon
         global patientadmiticon
         global registrationinformationicon
         global admitinformationicon
         global doctorregistrationicon
         global doctorinformationicon
         global registrationrecordicon
         global admitrecordicon
         global doctorrecordicon
         global generatebillicon
         global billrecordicon
         global framebillrecord
         global frameappointment
         global frameappointmentright
         global txtReceipt

         global counterlogin
         global counterhome
         global counterpreg
         global counterrinfo
         global counterpadmit
         global counterainfo
         global countersreg
         global countersinfo
         global counterrrecord
         global counteradmitrecord
         global counterdrecord
         global counterbill
         global counterreceipt
         global counterrireceipt
         global counterprintbill
         global counterbillrecord
         global counterappointment

         counterrireceipt+=1
         counterreceipt=0
         counterrinfo=0
         counterpreg=0
         counterpadmit=0
         counterainfo=0
         countersreg=0
         countersinfo=0
         counterrrecord=0
         counterdrecord=0
```

```
counterbill=0
counterlogin=0
counterhome=0
counteradmitrecord=0
counterprintbill=0
counterbillrecord=0
counterappointment=0

try:
    framemenuimage.destroy()
except:
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
    frame1.destroy()
except:
    pass
try:
    framehome.destroy()
except:
    pass
try:
    framerinfo.destroy()
except:
    pass
try:
    framepatientadmit.destroy()
except:
    pass
try:
            frameadmitrecord.destroy()
except:
            pass
try:
    frameainfo.destroy()
except:
    pass
try:
    framestaffregistration.destroy()
except:
    pass
try:
    framestaffinformation.destroy()
except:
    pass
try:
    framerrecord.destroy()
    except:
        pass
    try:
            framereceipt.destroy()
    except:
            pass
    try:
        framebill.destroy()
    except:
        pass
    try:
        framedoctorrecord.destroy()
    except:
        pass
    try:
        framepatientregistration.destroy()
    except:
        pass
    try:
        framebillrecord.destroy()
    except:
        pass
    try:
            frameappointment.destroy()
    except:
            pass
    try:
            frameappointmentright.destroy()
    except:
            pass
    if counterrireceipt==1:
        framerireceiptimage=Frame(root,bg="lightgreen")
        framerireceiptimage.pack(side=TOP,fill=X)

        receiptimage=PhotoImage(file="VYAS.png")
        label=ttk.Label(framerireceiptimage,image=receiptimage)
        label.grid(row=0,column=0)


        label=Label(framerireceiptimage,text="SH 17 , Jant,Mahendergarh, Haryana
123031",font=("calibri",15,"bold"),bg="lightgreen")
        label.grid(row=0,column=1,padx=200)



        receiptimager=PhotoImage(file="plussign.png")
        label=ttk.Label(framerireceiptimage,image=receiptimager)
        label.grid(row=0,column=2)

        framerireceipt=Frame(root,bg="lightgreen")
```

```
            framerireceipt.pack(side="top",fill=BOTH,expand=True)



            framerireceipttop=Frame(framerireceipt,bg="lightgreen",height=20)
            framerireceipttop.pack(side=TOP,fill=X)

            labelreceipt=Label(framerireceipttop,text="Receipt :-
",bg="lightgreen",fg="black",font=('arial',20,'bold'))
            labelreceipt.pack(side=LEFT,padx=150,pady=10)


txtReceipt=Text(framerireceipt,width=65,height=12,bg='white',bd=4,font=('arial',12,'bold'))
            txtReceipt.pack(anchor="nw",padx=100)

            txtReceipt.insert(END,'Patient id:\t\t\t'+RiPatientid.get() +'\n')
            txtReceipt.insert(END,'Name:\t\t\t' + RiName.get() +'\n')
            txtReceipt.insert(END,'Gender:\t\t\t'+ GenderRi.get()+'\n')
            txtReceipt.insert(END,'Age:\t\t\t'+ RiAge.get()+'\n')
            txtReceipt.insert(END,'Phone No:\t\t\t'+ RiPhone.get()+'\n')
            txtReceipt.insert(END,'Address:\t\t\t'+ RiAddress.get()+'\n')
            txtReceipt.insert(END,'Disease:\t\t\t'+ RiDisease.get()+'\n')
            txtReceipt.insert(END,'Check In:\t\t\t'+ RiCheckIn.get()+'\n')
            txtReceipt.insert(END,'Bloodgroup:\t\t\t'+ RiBloodgroup.get()+'\n')
            txtReceipt.insert(END,'Doctor Name:\t\t\t'+ RiDoctorname.get()+'\n')
            txtReceipt.insert(END,'Room No:\t\t\t'+ RiRoomNo.get()+'\n')

            labelreceipt=Label(framerireceipt,text="Medicine: -
",fg="black",bg="lightgreen",font=('arial',20,'bold'))
            labelreceipt.pack(anchor="nw",padx=150,pady=10)


buttonprint=Button(framerireceipt,text="Print",width=7,fg="red",font=('arial',20,'bold'),com
mand=iPrint)
            buttonprint.pack(side=BOTTOM)




      def printbill():
         global framemenuimage
         global framehome
         global frameprintbill
         global BlIdentity
         global BlName
         global GenderBl
         global BlAge
         global Blcheckin
         global BlDisease
         global BlPhone
         global BlAddress
         global BlDoctorname
         global Blcheckout
         global BlDoctorcharges
         global BlLabtest
         global TreatmentchargesBl
         global BlProcedurecharges
         global BlOthercharges
         global BlMiscellaneouscharges
         global BlRoomcharges
         global BlTotal
         global framereceiptimage
         global receiptimage
         global receiptimager
         global imagemenu
         global framereceipt
         global framerireceiptimage
         global framepatientregistration
         global framepatientadmit
         global frameadmitrecord
         global framerinfo
         global frameainfo
         global framemenuroot
         global framestaffregistration
         global framestaffinformation
         global framerrecord
         global framedoctorrecord
         global framebill
         global frameprintbill
         global homeicon
         global patientregistrationicon
         global patientadmiticon
         global registrationinformationicon
         global admitinformationicon
         global doctorregistrationicon
         global doctorinformationicon
         global registrationrecordicon
         global admitrecordicon
         global doctorrecordicon
         global generatebillicon
         global billrecordicon
         global framebillrecord
         global frameappointment
         global frameappointmentright
         global txtReceiptbill

         global counterlogin
         global counterhome
         global counterpreg
         global counterrinfo
         global counterpadmit
         global counterainfo
         global countersreg
         global countersinfo
         global counterrrecord
         global counteradmitrecord
         global counterdrecord
         global counterbill
         global counterreceipt
         global counterrireceipt
         global counterprintbill
         global counterbillrecord
         global counterappointment

         counterprintbill+=1
         counterrinfo=0
         counterpreg=0
         counterpadmit=0
         counterainfo=0
         countersreg=0
         countersinfo=0
         counterrrecord=0
         counteradmitrecord=0
         counterdrecord=0
         counterbill=0
         counterlogin=0
         counterhome=0
         counterreceipt=0
         counterrireceipt=0
         counterbillrecord=0
         counterappointment=0

         try:
            framemenuimage.destroy()
         except:
            pass
         try:
            framereceipt.destroy()
         except:
            pass
         try:
            framereceiptimage.destroy()
         except:
            pass
         try:
                  framerireceiptimage.destroy()
         except:
                  pass
         try:
            frame1.destroy()
```

```
except:
   pass
try:
   framehome.destroy()
except:
   pass
try:
   framerinfo.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framestaffinformation.destroy()
except:
   pass
try:
   framerrecord.destroy()
except:
   pass
try:
   framebill.destroy()
except:
   pass
try:
   framedoctorrecord.destroy()
except:
   pass
try:
   framepatientregistration.destroy()
except:
   pass
try:
   framebillrecord.destroy()
except:
   pass
```

```
        try:
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass
        if counterprintbill==1:
           frameprintbill=Frame(root,bg="lightgreen")
           frameprintbill.pack(side="top",fill=BOTH,expand=True)


txtReceiptbill=Text(frameprintbill,width=100,height=17,bg='white',bd=4,font=('arial',12,'bol
d'))
           txtReceiptbill.pack(anchor="nw",padx=100)

           txtReceiptbill.insert(END,'Patient id:-\t\t'+BlIdentity.get() + '\t\t' +'Name:-\t\t\t' +
BlName.get() +'\n')
           txtReceiptbill.insert(END,'Gender:-\t\t'+ GenderBl.get()+ '\t\t' +'Age:-\t\t\t'+
BlAge.get()+'\n')
           txtReceiptbill.insert(END,'CheckIn:-\t\t'+ Blcheckin.get()+ '\t\t' +'CheckOut:-\t\t\t'+
Blcheckout.get()+'\n')
           txtReceiptbill.insert(END,'Disease:-\t\t'+ BlDisease.get()+ '\t\t' +'Phone No:-\t\t\t'+
BlPhone.get()+'\n')
           txtReceiptbill.insert(END,'Address:-\t\t'+ BlAddress.get()+ '\t\t' +'Doctor name:-
\t\t\t'+ BlDoctorname.get()+'\n'+'\n')
           txtReceiptbill.insert(END,'Doctor Charges:\t\t\t'+BlDoctorcharges.get() +'\n')
           txtReceiptbill.insert(END,'Lab Test:-\t\t\t' + BlLabtest.get() +'\n')
           txtReceiptbill.insert(END,'Treatment Charges:-\t\t\t'+
TreatmentchargesBl.get()+'\n')
           txtReceiptbill.insert(END,'Procedure Charges:-\t\t\t'+
BlProcedurecharges.get()+'\n')
           txtReceiptbill.insert(END,'Other Charges:-\t\t\t'+ BlOthercharges.get()+'\n')
           txtReceiptbill.insert(END,'Miscellaneous Charges:-\t\t\t'+
BlMiscellaneouscharges.get()+'\n')
           txtReceiptbill.insert(END,'Room Charges:-\t\t\t'+ BlRoomcharges.get()+'\n')
           txtReceiptbill.insert(END,'Total:-\t\t\t'+ BlTotal.get()+'\n')


buttonbill=Button(frameprintbill,text="Print",font=('arial',12,'bold'),fg="red",command=billP
rint)
           buttonbill.pack(side=BOTTOM)




     def preg():
        global framemenuimage
global framehome
global frameprintbill
global imagemenu
global framereceiptimage
global framereceipt
global framerireceiptimage
global framepatientregistration
global framepatientadmit
global frameadmitrecord
global framerinfo
global frameainfo
global framemenuroot
global framestaffregistration
global framestaffinformation
global framerrecord
global framedoctorrecord
global framebill
global PrPatientid
global PrName
global GenderPr
global PrAge
global PrPhone
global PrAddress
global PrDisease
global PrCheckIn
global PrBloodgroup
global PrDoctorname
global PrRoomNo
global homeicon
global patientregistrationicon
global patientadmiticon
global registrationinformationicon
global admitinformationicon
global doctorregistrationicon
global doctorinformationicon
global registrationrecordicon
global admitrecordicon
global doctorrecordicon
global generatebillicon
global billrecordicon
global framebillrecord
global frameappointment
global frameappointmentright
global Patientregistration_table

global counterlogin
global counterhome
global counterpreg
global counterrinfo
global counterpadmit
global counterainfo
global countersreg
global countersinfo
global counterrrecord
global counteradmitrecord
global counterdrecord
global counterbill
global counterreceipt
global counterrireceipt
global counterprintbill
global counterbillrecord
global counterappointment

counterpreg+=1
counterrinfo=0
counterprintbill=0
counterpadmit=0
counterainfo=0
countersreg=0
countersinfo=0
counterrrecord=0
counteradmitrecord=0
counterdrecord=0
counterbill=0
counterlogin=0
counterhome=0
counterreceipt=0
counterrireceipt=0
counterbillrecord=0
counterappointment=0

try:
    framemenuimage.destroy()
except:
    pass
try:
    frameprintbill.destroy()
except:
    pass
try:
    frame1.destroy()
except:
    pass
try:
    framereceiptimage.destroy()
except:
    pass
try:
    framereceipt.destroy()
except:
   pass
try:
         framerireceiptimage.destroy()
except:
         pass
try:
   framehome.destroy()
except:
   pass
try:
   framerinfo.destroy()
except:
   pass
try:
   framepatientadmit.destroy()
except:
   pass
try:
         frameadmitrecord.destroy()
except:
         pass
try:
   frameainfo.destroy()
except:
   pass
try:
   framestaffregistration.destroy()
except:
   pass
try:
   framestaffinformation.destroy()
except:
   pass
try:
   framerrecord.destroy()
except:
   pass
try:
   framebill.destroy()
except:
   pass
try:
   framedoctorrecord.destroy()
except:
   pass
try:
   framebillrecord.destroy()
except:
   pass
try:
```

```
                frameappointment.destroy()
        except:
                pass
        try:
                frameappointmentright.destroy()
        except:
                pass


        if counterpreg==1:
           framepatientregistration=Frame(root,width=100,height=100,bg="lightgreen")
           framepatientregistration.pack(side="right",fill=BOTH,expand=TRUE)


framepatientregistrationtop=Frame(framepatientregistration,height="200",relief="solid",bord
erwidth=2,bg="sandybrown")
           framepatientregistrationtop.pack(side=TOP,fill=X)

           labelpatientregistrationtext=Label(framepatientregistrationtop,text="Patient
Registration",bg="sandybrown",font=("calibri",23,"bold"))
           labelpatientregistrationtext.pack(anchor="center")


framepatientregistrationcenter=Frame(framepatientregistration,bg="lightgreen",height="60",
width="130",relief="solid",borderwidth=2)
           framepatientregistrationcenter.pack(side=LEFT,fill=BOTH,expand=True)

           labelPatientid=Label(framepatientregistrationcenter,bg="lightgreen",text="Patient
ID:    ",font=("calibri",20,"bold"))
           labelPatientid.grid(row=0,column=0,padx=90,pady=10,sticky="w")

           PrPatientid=StringVar()

Patientid=Entry(framepatientregistrationcenter,textvariable=PrPatientid,font=("calibri",20,"b
old"))
           Patientid.grid(row=0,column=1,padx=1,pady=17,sticky="w")

           labelName=Label(framepatientregistrationcenter,text="Name:
",bg="lightgreen",font=("calibri",20,"bold"))
           labelName.grid(row=1,column=0,padx=90,pady=17,sticky="w")

           PrName=StringVar()

Name=Entry(framepatientregistrationcenter,textvariable=PrName,font=("calibri",20,"bold"))
           Name.grid(row=1,column=1)

           GenderPr=StringVar()
           GenderPr.set("")
           labelGender=Label(framepatientregistrationcenter,text="Gender:
",bg="lightgreen",font=("calibri",20,"bold"))
           labelGender.grid(row=2,column=0,sticky="w",padx=90)

           i= IntVar()
           r1 =
Radiobutton(framepatientregistrationcenter,text="male",value="Male",bg="lightgreen",varia
ble=GenderPr,font=("calibri",20,"bold"))
           r2 =
Radiobutton(framepatientregistrationcenter,text="female",value="Female",bg="lightgreen",v
ariable=GenderPr,font=("calibri",20,"bold"))
           r1.grid(row=2,column=1,sticky="w")
           r2.grid(row=2,column=1,sticky="e",padx=0)
           GenderPr.set(3)

           labelAge=Label(framepatientregistrationcenter,text="Age:
",bg="lightgreen",font=("calibri",20,"bold"))
           labelAge.grid(row=3,column=0,sticky="w",padx=90,pady=17)

           PrAge=StringVar()

Age=Entry(framepatientregistrationcenter,textvariable=PrAge,font=("calibri",20,"bold"))
           Age.grid(row=3,column=1)

           labelPhone=Label(framepatientregistrationcenter,text="Phone:
",bg="lightgreen",font=("calibri",20,"bold"))
           labelPhone.grid(row=4,column=0,sticky="w",padx=90,pady=17)

           PrPhone=StringVar()

Phone=Entry(framepatientregistrationcenter,textvariable=PrPhone,font=("calibri",20,"bold"))
           Phone.grid(row=4,column=1)

           labelAddress=Label(framepatientregistrationcenter,text="Address:
",bg="lightgreen",font=("calibri",20,"bold"))
           labelAddress.grid(row=5,column=0,sticky="w",padx=90,pady=17)

           PrAddress=StringVar()

Address=Entry(framepatientregistrationcenter,textvariable=PrAddress,font=("calibri",20,"bol
d"))
           Address.grid(row=5,column=1)

           labelDisease=Label(framepatientregistrationcenter,text="Disease:
",bg="lightgreen",font=("calibri",20,"bold"))
           labelDisease.grid(row=6,column=0,sticky="w",padx=90,pady=17)

           PrDisease=StringVar()
```

```
Disease=Entry(framepatientregistrationcenter,textvariable=PrDisease,font=("calibri",20,"bol
d"))
            Disease.grid(row=6,column=1)

            labelCheckIn=Label(framepatientregistrationcenter,text="Check
IN",bg="lightgreen",font=("calibri",20,"bold"))
            labelCheckIn.grid(row=7,column=0,sticky="w",padx=90,pady=17)



CheckIn=Entry(framepatientregistrationcenter,textvariable=PrCheckIn,font=("calibri",20,"bo
ld"))
            CheckIn.grid(row=7,column=1)

            root.grid_rowconfigure(0,weight=1)
            root.grid_rowconfigure(1,weight=1)
            root.grid_rowconfigure(2,weight=1)
            root.grid_rowconfigure(3,weight=1)
            root.grid_rowconfigure(4,weight=1)
            root.grid_rowconfigure(5,weight=1)
            root.grid_rowconfigure(6,weight=1)
            root.grid_columnconfigure(0,weight=1)
            root.grid_columnconfigure(1,weight=1)


framepatientregistrationright=Frame(framepatientregistration,height="60",width="300",bg="l
ightgreen",relief="solid",borderwidth=2)
            framepatientregistrationright.pack(side=RIGHT,fill=Y)

            labelBloodgroup=Label(framepatientregistrationright,text="Blood
Group",bg="lightgreen",font=("calibri",17,"bold"))
            labelBloodgroup.pack(pady=10)

            PrBloodgroup=StringVar()
            Bloodgroup=Entry(framepatientregistrationright,textvariable=PrBloodgroup
,width="20",font=("calibri",17,"bold"))
            Bloodgroup.pack()

            labelDoctorname=Label(framepatientregistrationright,text="Doctor
Name",bg="lightgreen",font=("calibri",17,"bold"))
            labelDoctorname.pack(pady=10)

            list=["Hemant[Dentist]","Hemant
yadav[Cardiologist]","Mintu[Pediatricians]","Bhavesh[Physician]","Asha[Therapist]","Manis
h[Diagnostic]"]
            PrDoctorname=StringVar(framepatientregistrationright)

            dropdownlist=OptionMenu(framepatientregistrationright,PrDoctorname,*list)
            dropdownlist.pack()
```

```
        labelRoomNo=Label(framepatientregistrationright,text="Room
No.",bg="lightgreen",font=("calibri",17,"bold"))
        labelRoomNo.pack(pady=10)

        PrRoomNo=StringVar()

RoomNo=Entry(framepatientregistrationright,textvariable=PrRoomNo,width="20",font=("ca
libri",17,"bold"))
        RoomNo.pack(padx=5)


ADDAbutton=Button(framepatientregistrationright,text="ADD",command=Pradd,bg="yello
w",width=10,bd=7,font=("calibri",15,"bold"))
        ADDAbutton.pack(side=LEFT,padx=5)


buttonprintreg=Button(framepatientregistrationright,text="Receipt",command=Receipt,bg="y
ellow",width=10,bd=7,font=("calibri",15,"bold"))
        buttonprintreg.pack(side=LEFT,padx=5)

    framemenuroot=Frame(root,height="190",bg="lightgreen")
    framemenuroot.pack(side=TOP,fill=X)
    framehospitalname=Label(framemenuroot,text="                              CUH
HOSPITAL",bg="lightgreen",fg="red",width="35",font=("calibri",27,"bold"))
    framehospitalname.pack(anchor="center")


    framemenuimage=Frame(root)
    framemenuimage.pack(side=RIGHT)

    imagemenu=PhotoImage(file="hospital.png",height="1200",width="1030")
    label=ttk.Label(framemenuimage,image=imagemenu)
    label.pack(side=RIGHT,fill=BOTH,expand=True)




    framemenubackground=Frame(root,bg="lightgreen",height="60",width="50")
    framemenubackground.pack(side=LEFT,fill=Y)

framemenuheading=Label(framemenubackground,text="Menu",fg="White",bg="sandybrow
n",width="25",font=("calibri",18,"bold"))
    framemenuheading.pack(anchor="nw")

    homeicon=PhotoImage(file=r"home.png")
    Buttonpatienthome=Button(framemenubackground,text="Home
",compound=LEFT,image=homeicon,command=home,bd=5,bg="sandybrown",font=("calibri
",14,"bold"))
    Buttonpatienthome.pack(side="top",fill=X)
    patientregistrationicon=PhotoImage(file=r"patientregistration.png")
    Buttonpatientregistration=Button(framemenubackground,text="Patient Registration ",compound=LEFT,image=patientregistrationicon,command=preg,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    Buttonpatientregistration.pack(side="top",fill=X)

    patientadmiticon=PhotoImage(file=r"patientadmit.png")
    Buttonpatientinformation=Button(framemenubackground,text="Patient Admit ",compound=LEFT,image=patientadmiticon,command=padmit,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    Buttonpatientinformation.pack(side="top",fill=X)

    registrationinformationicon=PhotoImage(file=r"patientinformation.png")
    Buttonregistrationinfo=Button(framemenubackground,text="Registration Information",compound=LEFT,image=registrationinformationicon,command=rinfo,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    Buttonregistrationinfo.pack(side="top",fill=X)

    admitinformationicon=PhotoImage(file=r"patientadmit.png")
    Buttonadmitinformation=Button(framemenubackground,text="Admit Information ",compound=LEFT,image=admitinformationicon,command=ainfo,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    Buttonadmitinformation.pack(side="top",fill=X)

    doctorregistrationicon=PhotoImage(file=r"doctorregistration.png")
    Buttonstaffregistration=Button(framemenubackground,text="Staff Registration ",compound=LEFT,image=doctorregistrationicon,command=sreg,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    Buttonstaffregistration.pack(side="top",fill=X)

    doctorinformationicon=PhotoImage(file=r"doctorinformation.png")
    Buttonstaffinformation=Button(framemenubackground,text="Staff Information ",compound=LEFT,image=doctorinformationicon,command=sinfo,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    Buttonstaffinformation.pack(side="top",fill=X)

    registrationrecordicon=PhotoImage(file=r"registrationrecord.png")
    ButtonRegistrationRecord=Button(framemenubackground,text="Registration Record ",compound=LEFT,image=registrationrecordicon,command=RRecord,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    ButtonRegistrationRecord.pack(side="top",fill=X)

    admitrecordicon=PhotoImage(file=r"admitrecord.png")
    ButtonAdmitRecord=Button(framemenubackground,text="Admit Record ",compound=LEFT,image=admitrecordicon,command=AdmitRecord,bd=5,bg="sandybrown",font=("calibri",14,"bold"))
    ButtonAdmitRecord.pack(side="top",fill=X)

    doctorrecordicon=PhotoImage(file=r"doctorrecord.png")
```

```
        ButtonStaffRecord=Button(framemenubackground,text="Staff Record
",compound=LEFT,image=doctorrecordicon,command=drecord,bd=5,bg="sandybrown",font
=("calibri",14,"bold"))
        ButtonStaffRecord.pack(side="top",fill=X)

        generatebillicon=PhotoImage(file=r"generatebill.png")
        ButtonBill=Button(framemenubackground,text="Generate Bill
",compound=LEFT,image=generatebillicon,command=Bill,bd=5,bg="sandybrown",font=("c
alibri",14,"bold"))
        ButtonBill.pack(side="top",fill=X)

        billrecordicon=PhotoImage(file=r"recordbill.png")
        ButtonBill=Button(framemenubackground,text="Bill Record
",compound=LEFT,image=billrecordicon,command=billrecord,bd=5,bg="sandybrown",font=
("calibri",14,"bold"))
        ButtonBill.pack(side="top",fill=X)

        appointmenticon=PhotoImage(file=r"appointment.png")
        Buttonappointment=Button(framemenubackground,text="Appointment
",compound=LEFT,image=appointmenticon,bd=5,bg="sandybrown",font=("calibri",14,"bold
"),command=appointment)
        Buttonappointment.pack(side="top",fill=X)


    else:
        messagebox.showinfo("INVALID USERNAME OR PASSWORD ", "YOU HAVE
ENTERED INVALID USERNAME OR PASSWORD  ")
        usernameVar.delete(0,END)
        passwordVar.delete(0,END)



def exit():
    if messagebox.askyesno("Confirm","Are you Sure,you want to exit"):
        root.destroy()

root.protocol("WM_DELETE_WINDOW",exit)



frame1=Frame(root,height="500",width=500)
frame1.pack(side=TOP,fill=X)

C = Canvas(frame1,bg="blue", height=900,width=800)
filename = PhotoImage(file="hospital.png")
background_label = Label(frame1, image=filename)
background_label.place(x=0,y=0,relwidth=1, relheight=1)
```

```
userright=Frame(frame1,height="400",width="400",bg="pink",relief="solid",borderwidth=2)
userright.pack(side=RIGHT,padx="200")

usernullframe=Frame(userright,height="50",bg="pink")
usernullframe.pack(side=TOP)

image1=PhotoImage(file="ee.png")
label=Label(userright,image=image1,width=150,height=150,bg="pink")
label.pack(side=LEFT,padx=10)


usernameicon=PhotoImage(file=r"username.png")
labelUsername=Label(userright,text="Username:",compound=LEFT,image=usernameicon,font=("calibri",18,"bold"),bg="pink")
labelUsername.pack(anchor="nw",padx=10)
usernameVar=StringVar()
UsernameEntry=Entry(userright,font=("calibri",14,"bold"),textvariable=usernameVar)
UsernameEntry.pack(anchor="nw",padx=10)

passwordicon=PhotoImage(file=r"password.png")
labelPassword=Label(userright,text="Password:",compound=LEFT,image=passwordicon,font=("calibri",18,"bold"),bg="pink")
labelPassword.pack(anchor="nw",padx=10)

passwordVar=StringVar()
userEntry=Entry(userright)
Passwordentry=Entry(userright,show="*",font=("calibri",14,"bold"),textvariable=passwordVar)
Passwordentry.pack(anchor="nw",padx=10)



buttonok=Button(userright,text="LOGIN",bg="orange",height=2,width=6,bd=3,font=("calibri",12,"bold"),command=login)
buttonok.pack(side=LEFT,padx="10",pady="10")

buttonexit=Button(userright,text="EXIT",bg="orange",height=2,width=6,bd=3,font=("calibri",12,"bold"),command=exit)
buttonexit.pack(side=RIGHT,padx="10",pady="10")


C.pack()

try:
   connection = sqlite3.connect("HEMANT.db")
   cursor = connection.cursor()
   cursor.execute("CREATE TABLE IF NOT EXISTS ap (patientnoappointment TEXT NOT NULL  PRIMARY KEY, patientnameappointment TEXT, genderappointment TEXT,
ageappointment TEXT, phonenoappointment TEXT, addressappointment TEXT,
appointmenttime TEXT)")
   cursor.execute("SELECT * FROM ap ORDER BY `patientnoappointment` ASC")
   fetch = cursor.fetchall()
   for data in fetch:
       appointment_table.insert('', 'end', values=(data))
   cursor.close()
   connection.close()
except:
   pass



try:
   connection=sqlite3.connect("HEMANT.db")
   cursor=connection.cursor()

   query="CREATE TABLE bl (BlIdentity text,BlName text,GenderBl text,BlAge
text,Blcheckin text,BlDisease text,BlPhone text,BlAddress text,BlDoctorname
text,Blcheckout text,BlDoctorcharges text,BlLabtest text,TreatmentchargesBl
text,BlProcedurecharges text,BlOthercharges text,BlMiscellaneouscharges
text,BlRoomcharges text,BlTotal text)"
   cursor.execute(query)
   connection.commit()
except:
   pass
try:
   connection=sqlite3.connect("HEMANT.db")
   cursor=connection.cursor()

   query="CREATE TABLE sr (SrID text,SrName text,GenderSr text,SrPosition
text,SrDepartment text,SrMailid text,SrSalary text,SrPhone text,SrAddress text)"
   cursor.execute(query)
   connection.commit()
except:
   pass

try:
   connection=sqlite3.connect("HEMANT.db")
   cursor=connection.cursor()

   query="CREATE TABLE pa (PaPatientid text,PaName text,GenderPa text,PaAge
text,PaPhone text,PaAddress text,PaDisease text,PaCheckIn text,PaBloodgroup
text,PaDoctorname text,PaCheckOut text,PaRoomNo text,PaRoomtype text,PaPrice text)"
   cursor.execute(query)
   connection.commit()
except:
   pass



try:
   connection=sqlite3.connect("HEMANT.db")
   cursor=connection.cursor()

   query="CREATE TABLE pr (PrPatientid text,PrName text,GenderPr text,PrAge
text,PrPhone text,PrAddress text,PrDisease text,PrCheckIn text,PrBloodgroup
text,PrDoctorname text,PrRoomNo text)"
   cursor.execute(query)
   connection.commit()
except:
   pass




root.mainloop()
```