ST : DOMINICS CONVENT ENGLISH MEDIUM SENIOR SECONDARY SCHOOL SREEKRISHNAPURAM



A PROJECT REPORT

ON

MEDICINE APP

FOR

AISSCE 2021 EXAMINATION

[AS A PART OF THE COMPUTER SCIENCE COURSE(083)]

SUBMITTED BY

MUHAMMED SIRAJUDEEN

UNDERTHE GUIDANCE OF:

SR.JISHA.O.P

PGT(COMPUTER SCIENCE)

**ST:DOMINIC’S CONVENT ENGLISH MEDIUM**

**HIGHER SECONDARY SCHOOL**



CERTIFICATE

This is to certify that the project entitled Medicine App. Medicine App is a bonafide work done by Master/kumari…………… of class XII A Session 2020-21 in partial fulfilment of CBSE’s AISSCE Examination 2021 and has been carried out under my direct supervision and guidance.

NAME:……….

REG NO:……….

……………………. ……..………………

**Signature of External Examiner**  **Signature of Internal Examiner**

Signature of Principal:....................

Place: Sreekrishnapuram

Date:

**ACKNOWLEDGEMENT**

I undertook this Project work, as the part of my XII-Computer Science course. I had tried to apply my best of knowledge and experience, gained during the study and classwork experience. However, developing software system is generally a quite complex and time –consuming process. It requires a systematic study, insight vision and professional approach during the design and development. Moreover, the developer always feels the need, the help and good wishes of the people near you, who have considerable experience and idea.

First of all let me express my gratitude to God Almighty for showering all blessings upon me to complete this work. I am very much thankful to our Principal Sr.Stella.O.P for giving valuable time and moral support to develop this software. I would like to extend my sincere thanks and gratitude to my teacher Sr.Jisha.O.P for her proper guidance throughout the project.

I would like to take the opportunity to extend my sincere thanks and gratitude to my parents for being a source of inspiration and providing time and freedom to develop this software project.

I also feel indebted to my friends for the valuable suggestions during the project work, as we developed this project as a group work.

**CONTENTS**

1.Introduction………………………………………………..5

2.Objective and Scope of the Project………………………..6

3.Theoretical BackGround…………………………………..7

4.System Implementation……………………………………9

4.1 The Hardware Used…………………………………9

4.2 The Software Used…………………………………9

5.System Design and Development……………………........10

5.1 Database Design………………………………………10

5.2 Menu design…………………………………………..10

5.3 Program Coding…………………….…………………11

5.4 Output Screen shots………………………………………..38

6.References………………………………………………………..46

**1. INTRODUCTION**

This software project is developed to retrieve, update, add and remove medicine details from the database( from server side) and to view the medicine details and also provide a live interaction with the server side( from client side). This particular program can be used by the customer to view the details of the medicine requested by the customer. The server and the client side connection enables to provide a live interaction between the customer and service provider. In this project some python libraries such as tkinter, socket, threading are being used to provide a user friendly interface.

A MIS mainly consist of a computerized database, a collection of interrelated tables for a particular subject or a purpose, capable to access different reports related to the user. An application programs tied with the database for easy access and interface to the database. Using Application program, we can store, retrieve and manage all information in proper way. This software being simple in design and working, does not require much of training to the users, and can be used as an effective tool to give and alter Medicine Details.

During coding and design of the software project, MySQL and Python, an effective Application Program tool is used for getting integrated platform and coding simplicity. As a back-end a powerful, open source RDBMS, MySQL is used as per requirement of the CBSE curriculum of Information Practices Course.

**2.OBJECTIVE AND SCOPE OF THE PROJECT**

The objective of the software project is to develop a computerized MIS to automate the functions of a school. This software project is also aimed to enhance the current record keeping system, which will help managers to retrieve up-to-date information at right time in right shape.

The proposed software system is expected to do the following functionality-

* To provide a user-friendly, Graphical User Interface (GUI) based integrated and centralised environment for MIS activities.
* The proposed system should maintain all the records and transactions, and should generate the required reports and information when required.
* To provide graphical and user-friendly interface to interact with centralized database based on client-server architecture.
* To identify the critical operation procedure and possibilities of simplifications using modern IT tools and practices.

In its current scope, the software enables user to retrieve and update the information from centralized database designed with MySQL. This software does not require much training time of the users due to limited functionality and simplicity.

During the development of Medicine Management System Project, python IDLE, a powerful open source event-driven form-based development environment is used for modular design and future expandability of the system.

Despite of the best effort of the developer, the following limitations and functional boundaries are visible, which limits the scope of this application software.

This software can store records and produce reports in pre-designed format in soft copy. There is no facility yet to produce customized reports. Only specified reports are covered.

**3.THEORETICAL KNOWLEDGE**

My SQL

While working with an application, it is required to save data permanently on some secondary storage device, which is usually the hard disc, so that the data can be retrieved for future reference, modification, deletion, etc. An application usually stores a lot of data in the form of a database which is not directly accessible to the user. This database is used by the application to give suitable responses to the user. This database is called Back-end Database. In Class XI, we have learnt how to create databases, tables and to perform query processing on these tables using SQL commands like CREATE, UPDATE, ALTER, INSERT, DELETE, SELECT and so on in various forms according to their specific syntax structures.

MySQL, the most popular Open Source SQL database management system, is developed, distributed, and supported by Oracle.

The Main Features of MySQL:

* Written in C and C++.
* Works on many different platforms.
* Uses multi-layered server design with. Independent modules.
* Provides transactional and non-transactional storage engines.
* Designed to make it relatively easy to add other storage engines.
* This is useful if you want to provide an SQL interface for an in-house database.
* Uses a very fast thread-based memory allocation system.
* Executes very fast joins using an optimised nested-loop join.
* Implements SQL functions using a highly optimised class hotel that should be as fast as possible. Usually there is no memory allocation at all after query initialization.

**Why Python?**

Python is a flexible, portable, easy to learn and modifiable language. So, we are integrating MySQL with Python Interface for executing any database applications. The various reasons to use Python for programming database applications are:

* Programming in Python is arguably more efficient and faster compared to other languages.
* Python is famous for its portability.
* It is platform-independent.
* Python support SQL cursors.
* In many programming languages, the application developer needs to take care of the open and closed connection of the database, to avoid further exceptions and errors. In Python, these connections are taken care of.
* Python supports relational database systems.
* Python database APIs are compatible with various databases, so it is very easy to migrate and port database application interfaces.

**4.SYSTEM IMPLEMENTATION**

**4.1 THE HARDWARE USED:**

While developing the system the used hardware are:

PC with Pentium IV processor or sometimes, PC with Celeron (1.7GHz) processor having 256 MB RAM, SVGA and Other required devices.

**4.2 THE SOFTWARE USED:**

* Microsoft Windows 10 as Operating System.
* IDLE Python 2.7 as Front-end Development Environment.
* MySQL as Back-end server with Database for Testing.
* MS-Word 2010 for Documentation.

**5.SYSTEM DESIGN AND DEVELOPMENT**

**5.1 DATABASE DESIGN**

An important aspect of system design is the design of data storage structure. To begin with a logical model of data structure is developed is a container object which contains tables, queries, reports and data validation policies enforcement rules or constraints etc. A logical data often represented as a records are kept in different tables after reducing anomalies and redundancy.

The goodness of database design lies in the table structure and its relationship. This software project maintains a database named siraju which contains the following tables.

**TABLE DESIGN:**

The database of system contains the following tables.

**TABLE: LOGIN DETAILS**

|  |  |  |
| --- | --- | --- |
| Field | Type | Size |
| Username | varchar | 20 |
| Password | varchar | 20 |

**TABLE: MEDICINE**

|  |  |  |
| --- | --- | --- |
| Field | Type | Size |
| Medicine | varchar | 20 |
| Details | varchar | 100 |

**5.2 MENU DESIGN**

The menu system divided in menu bars, each having a pull down menus containing options for a specific task.

|  |  |  |  |
| --- | --- | --- | --- |
| S no: | Menu Bar | Pull Down Menu | Purpose |
| 1. | Server side Management | |  | | --- | | Add New Medicine | | Receive message from Client | | Results | | Remove medicine | | Update medicine name | | Update medicine details | | |  | | --- | | To add new medicine | | To chat with the client | | To run search operation | | To remove medicine | | To modify the medicine name | | To modify medicine details | |
| 2. | Client side  Management | |  | | --- | | Message to medicine shop | | Results | | |  | | --- | | To chat with the server | | To run search operation | |

**5.3 PROGRAM CODING:**

**5.3.1.SERVER SIDE:**

from tkinter import \*

from tkinter import messagebox

import mysql.connector as sqltr

import socket

import threading

import socket

def listtostring(s):

# initialize an empty string

str1 = " "

# return string

return (str1.join(s))

def tupletostring(s):

res = [''.join(i) for i in s]

str1=" "

v=(str1.join(res))

return v

def hai():

def hai1():

s=socket.socket()

print('socket created')

s.bind(('localhost',9999))

s.listen(3)

print("waiting for connection")

c,addr=s.accept()

print("connected with",addr)

while True:

print(c.recv(1024).decode())

hai=input("enter your message to the client")

c.send(bytes(hai,'utf-8'))

recv=threading.Thread(target=hai1)

recv.start()

def create\_window():

window1=Tk()

def updatemedicinename():

value15=entry10.get()

value16=entry11.get()

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST0="update medicines set medicine='{}' where medicine='{}'".format(value16,value15)

cursor.execute(ST0)

mycon.commit()

cursor1=mycon.cursor()

St0="select \* from medicines where medicine='{}'".format(value16)

cursor1.execute(St0)

def updatemedicinedetails():

value17=entrys1.get()

value18=entryss.get()

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST0="update medicines set details='{}' where medicine='{}'".format(value18,value17)

cursor.execute(ST0)

mycon.commit()

cursor1=mycon.cursor()

St0="select \* from medicines where medicine='{}'".format(value17)

cursor1.execute(St0)

def storevalue():

global value0

value0=entry0.get()

value01=entry100.get()

print(value0)

print(value01)

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST0="insert into medicines values('{}','{}')".format(value0,value01)

cursor.execute(ST0)

mycon.commit()

cursor1=mycon.cursor()

St0="select \* from medicines where medicine='{}'".format(value0)

cursor1.execute(St0)

data=cursor1.fetchall()

print(data)

mycon.close()

def removevalue():

value02=entrydetails.get()

print(value02)

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST01="delete from medicines where medicine='{}'".format(value02)

cursor.execute(ST01)

mycon.commit()

mycon.close()

window1.title("Database")

window1.geometry("600x600")

lbl0=Label(window1,text="ADD OR REMOVE MEDICINES FROM HERE",font="bold",bg="white",anchor="n")

lbl0.grid(column=1,row=0)

btn0=Button(window1,text="ADD NEW MEDICINE",bg="white",command=storevalue)

btn0.grid(column=1,row=4)

btn01=Button(window1,text="REMOVE MEDICINE",bg="white",command=removevalue)

btn01.grid(column=1,row=10)

entrydetails=Entry(window1,bd=5)

entrydetails.grid(column=5,row=10)

lbl01=Label(window1,text="MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl01.grid(column=3,row=4)

lbl01=Label(window1,text="MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl01.grid(column=3,row=10)

lbl02=Label(window1,text="MEDICINE DETAILS",font="bold",bg="white",anchor="n")

lbl02.grid(column=3,row=7)

entry0=Entry(window1,bd=5)

entry0.grid(column=5,row=4)

entry100=Entry(window1,bd=5)

entry100.grid(column=5,row=7)

lbl03=Label(window1,text="MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl03.grid(column=3,row=12)

entry10=Entry(window1,bd=5)

entry10.grid(column=5,row=12)

btn=Button(window1,text="UPDATE MEDICINE NAME",bg="white",command=updatemedicinename)

btn.grid(column=1,row=14)

entry11=Entry(window1,bd=5)

entry11.grid(column=5,row=14)

lbl03=Label(window1,text=" NEW MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl03.grid(column=3,row=14)

lbl03=Label(window1,text="OLD MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl03.grid(column=3,row=12)

lbl03=Label(window1,text="MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl03.grid(column=3,row=17)

btn=Button(window1,text="UPDATE MEDICINE DETAILS",bg="white",command=updatemedicinedetails)

btn.grid(column=1,row=17)

lbl03=Label(window1,text="ENTER MEDICINE DETAILS",font="bold",bg="white",anchor="n")

lbl03.grid(column=3,row=20)

entrys1=Entry(window1,bd=5)

entrys1.grid(column=5,row=17)

entryss=Entry(window1,bd=6)

entryss.grid(column=5,row=20)

window1.mainloop()

def getmedicinesname():

global value

value=entry.get()

print(value)

global value1

value1=entry1.get()

global value2

value2=entry2.get()

global value3

value3=entry3.get()

global value4

value4=entry4.get()

print(value1)

print(value2)

print(value3)

print(value4)

if value=="PARACETAMOL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST02="select details from medicines where medicine='{}'".format("PARACETAMOL")

cursor.execute(ST02)

data=cursor.fetchall()

print(data)

cursor01=mycon.cursor()

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor01.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="RABEPREZOL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("RABEPREZOL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

cursor01=mycon.cursor()

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor01.execute(St02)

cursor01.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ABATACEPT":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ABATACEPT")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

cursor01=mycon.cursor

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor01.execute(St02)

cursor01.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ARPIPRAZOLE":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ARPIPRAZOLE")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

cursor01=mycon.cursor()

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor01.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ABCAVIR-ORAL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ABCAVIR-ORAL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ACTIGALL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTIGALL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

print(data)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="INTERFERON":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("INTERFERON")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ACTIVASE":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTIVASE")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ACTONEL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTONEL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="ACTOS":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTOS")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="VERAPAMIL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("VERAPAMIL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="CALCITONIN":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CALCITONIN")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="CALCIONATE":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CALCIONATE")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="CARBATROL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CARBATROL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="CASODEX":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CASODEX")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="CATAFLAM":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CATAFLAM")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="CATAPRES":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CATAPRES")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="HALOPERIDOL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("HALOPERIDOL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="HARVONI":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("HARVONI")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

elif value=="HARVIX":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("HARVIX")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR "+value1+"\nHERE IS YOUR RESULTS::\n "+tupletostring(data))

else:

messagebox.showinfo("results","DEAR "+value1+"\nSELECTED MEDICINE IS NOT AVAILABLE")

def medicineappcode():

value000=entry00.get(

print(value000)

global username01

value001=entry011.get()

print(value001)

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor00=mycon.cursor()

ST00="select username from logindetails where passwords='{}'".format(value001)

cursor00.execute(ST00)

data00=cursor00.fetchall()

print(data00)

for row01 in data00:

username01=row01

print(username01)

username001=listtostring(username01)

cursor001=mycon.cursor()

St01="select passwords from logindetails where username='{}'".format(value000)

cursor001.execute(St01)

data001=cursor001.fetchall()

for row0 in data001:

password01=row0

print(password01)

password001=listtostring(password01)

print(data001)

mycon.close()

if username001==value000 and password001==value001:

window2.destroy()

window=Tk()

window.title("KNOW YOUR MEDICINE")

window.geometry("800x800")

lbl=Label(window,text="THIS APPLICATION ENLIGHTENS YOU ABOUT YOUR MEDICINES",font="bold",bg="white",anchor="n")

lbl.grid(column=1,row=0)

label=Label(window,wraplength=100,text="PLEASE PROVIDE THE REQUIRED INFORMATION HERE",relief="groove")

label.grid(column=1,row=3)

btn=Button(window,text="GET RESULTS",bg="white")

btn.grid(column=4,row=4)

lbl2=Label(window,text="Medicines Name :")

lbl2.grid(column=0,row=6)

global entry

entry=Entry(window,bd=5)

entry.grid(column=1,row=6)

lbl3=Label(window,text="Name :")

lbl3.grid(column=0,row=8)

global entry1

entry1=Entry(window,bd=5)

entry1.grid(column=1,row=8)

lbl4=Label(window,text="Age")

lbl4.grid(column=0,row=10)

global entry2

entry2=Entry(window,bd=5)

entry2.grid(column=1,row=10)

lbl5=Label(window,text="Weight in KG")

lbl5.grid(column=0,row=12)

global entry3

entry3=Entry(window,bd=5)

entry3.grid(column=1,row=12)

lbl5=Label(window,text="Country")

lbl5.grid(column=0,row=14)

global entry4

entry4=Entry(window,bd=5)

entry4.grid(column=1,row=14)

btn=Button(window,text="ADD NEW MEDICINE",bg="white",command=create\_window)

btn.grid(column=4,row=4)

btn=Button(window,text="RECIEVE MESSAGE FROM CLIENT",bg="white",command=hai)

btn.grid(column=4,row=6)

btn=Button(window,text="RESULTS",bg="white",command=getmedicinesname)

btn.grid(column=4,row=8)

window.mainloop()

else:

messagebox.showinfo("WELCOME","PASSWORD IS INVALID")

window2=Tk()

window2.geometry("400x400")

lbl00=Label(window2,text="WELCOME PLEASE PROVIDE LOGIN DETAILS",font="bold",bg="white",anchor="n")

lbl00.grid(column=1,row=0)

lbl001=Label(window2,text="USERNAME",font="bold",bg="white",anchor="n")

lbl001.grid(column=1,row=3)

lbl002=Label(window2,text="PASSWORD",font="bold",bg="white",anchor="n")

lbl002.grid(column=1,row=7)

entry00=Entry(window2,bd=5)

entry00.grid(column=3,row=3)

entry011=Entry(window2,bd=5)

entry011.grid(column=3,row=7)

btn0112=Button(window2,text="LOGIN",bg="white",command=medicineappcode)

btn0112.grid(column=1,row=10)

window2.mainloop()

**5.3.2. CLIENT SIDE:**

import socket

from tkinter import \*

from tkinter import messagebox

import mysql.connector as sqltr

import threading

def hai():

def hai2():

c=socket.socket()

c.connect(('localhost',9999))

while True:

name=input("enter your name")

c.send(bytes(name,'utf-8'))

print(c.recv(1024).decode())

recv=threading.Thread(target=hai2)

recv.start()

def listtostring(s):

# initialize an empty string

str1 = " "

# return string

return (str1.join(s))

def tupletostring(s):

res = [''.join(i) for i in s]

str1=" "

v=(str1.join(res))

return v

def create\_window():

window1=Tk()

def getmedicinesname():

global value

value=entry.get()

print(value)

global value1

value1=entry1.get()

global value2

value2=entry2.get()

global value3

value3=entry3.get()

global value4

value4=entry4.get()

print(value1)

print(value2)

print(value3)

print(value4)

if value=="PARACETAMOL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST02="select details from medicines where medicine='{}'".format("PARACETAMOL")

cursor.execute(ST02)

data=cursor.fetchall()

print(data)

SJ=tupletostring(data)

print(SJ)

cursor01=mycon.cursor()

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="RABEPREZOL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("RABEPREZOL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

cursor01=mycon.cursor()

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ABATACEPT":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ABATACEPT")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

cursor02=mycon.cursor()

mycon.commit()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ARPIPRAZOLE":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ARPIPRAZOLE")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ABCAVIR-ORAL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ABCAVIR-ORAL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ACTIGALL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTIGALL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

print(data)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="INTERFERON":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("INTERFERON")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ACTIVASE":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTIVASE")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ACTONEL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTONEL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="ACTOS":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("ACTOS")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="VERAPAMIL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("VERAPAMIL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="CALCITONIN":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CALCITONIN")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="CALCIONATE":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CALCIONATE")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="CARBATROL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CARBATROL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="CASODEX":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CASODEX")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="CATAFLAM":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CATAFLAM")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="CATAPRES":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("CATAPRES")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="HALOPERIDOL":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("HALOPERIDOL")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="HARVONI":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("HARVONI")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

elif value=="HARVIX":

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST="select details from medicines where medicine='{}'".format("HARVIX")

cursor.execute(ST)

data=cursor.fetchall()

print(data)

St02="insert into usersdata values('{}','{}','{}','{}')".format(value1,value2,value3,value4)

cursor.execute(St02)

mycon.commit()

cursor02=mycon.cursor()

cursor02.execute("select \* from usersdata")

data1=cursor02.fetchall()

print(data1)

mycon.close()

messagebox.showinfo("results","DEAR"+value1+"\nHERE IS YOUR RESULTS::\n"+SJ)

else:

messagebox.showinfo("results","DEAR"+value1+"\nSELECTED MEDICINE IS NOT AVAILABLE")

def medicineappcode():

value000=entry00.get()

print(value000)

value001=entry011.get()

print(value001)

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor00=mycon.cursor()

ST00="select username from logindetails where passwords='{}'".format(value001)

cursor00.execute(ST00)

data00=cursor00.fetchall()

print(data00)

for row01 in data00:

username01=row01

print(username01)

username001=listtostring(username01)

cursor001=mycon.cursor()

St01="select passwords from logindetails where username='{}'".format(value000)

cursor001.execute(St01)

data001=cursor001.fetchall()

for row0 in data001:

password01=row0

print(password01)

password001=listtostring(password01)

print(data001)

mycon.close()

if username001==value000 and password001==value001:

window2.destroy()

window=Tk()

window.title("KNOW YOUR MEDICINE")

window.geometry("800x800")

lbl=Label(window,text="THIS APPLICATION ENLIGHTENS YOU ABOUT YOUR MEDICINES",font="bold",bg="white",anchor="n")

lbl.grid(column=1,row=0)

label=Label(window,wraplength=100,text="PLEASE PROVIDE THE REQUIRED INFORMATION HERE",relief="groove")

label.grid(column=1,row=3)

btn=Button(window,text="MESSAGE TO MEDICINE SHOP",bg="white",command=hai)

btn.grid(column=4,row=4)

lbl2=Label(window,text="Medicines Name :")

lbl2.grid(column=0,row=6)

global entry

entry=Entry(window,bd=5)

entry.grid(column=1,row=6)

lbl3=Label(window,text="Name :")

lbl3.grid(column=0,row=8)

global entry1

entry1=Entry(window,bd=5)

entry1.grid(column=1,row=8)

lbl4=Label(window,text="Age")

lbl4.grid(column=0,row=10)

global entry2

entry2=Entry(window,bd=5)

entry2.grid(column=1,row=10)

lbl5=Label(window,text="Weight in KG")

lbl5.grid(column=0,row=12)

global entry3

entry3=Entry(window,bd=5)

entry3.grid(column=1,row=12)

lbl5=Label(window,text="Country")

lbl5.grid(column=0,row=14)

global entry4

entry4=Entry(window,bd=5)

entry4.grid(column=1,row=14)

btn=Button(window,text="RESULTS",bg="white",command=getmedicinesname)

btn.grid(column=4,row=8)

window.mainloop()

else:

messagebox.showinfo("WELCOME","PASSWORD IS INVALID")

window2=Tk()

window2.geometry("400x400")

lbl00=Label(window2,text="WELCOME PLEASE PROVIDE LOGIN DETAILS",font="bold",bg="white",anchor="n")

lbl00.grid(column=1,row=0)

lbl001=Label(window2,text="USERNAME",font="bold",bg="white",anchor="n")

lbl001.grid(column=1,row=3)

lbl002=Label(window2,text="PASSWORD",font="bold",bg="white",anchor="n")

lbl002.grid(column=1,row=7)

entry00=Entry(window2,bd=5)

entry00.grid(column=3,row=3)

entry011=Entry(window2,bd=5)

entry011.grid(column=3,row=7)

btn0112=Button(window2,text="LOGIN",bg="white",command=medicineappcode)

btn0112.grid(column=1,row=10)

window2.mainloop()

def create\_window():

window1=Tk()

def storevalue():

global value0

value0=entry0.get()

value01=entry10.get()

print(value0)

print(value01)

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju",port=8886)

cursor=mycon.cursor()

ST0="insert into medicines values('{}','{}')".format(value0,value01)

cursor.execute(ST0)

cursor1=mycon.cursor()

St0="select \* from medicines where medicine='{}'".format(value0)

cursor1.execute(St0)

data=cursor1.fetchall()

print(data)

mycon.close()

def removevalue():

value02=entry11.get()

print(value02)

mycon = sqltr.connect(host ="localhost", user = "root",passwd="", database ="siraju")

cursor=mycon.cursor()

ST01="delete from medicines where medicine='{}'".format(value02)

cursor.execute(ST01)

mycon.close()

window1.title("Database")

window1.geometry("600x600")

lbl0=Label(window1,text="ADD OR REMOVE MEDICINES FROM HERE",font="bold",bg="white",anchor="n")

lbl0.grid(column=1,row=0)

btn0=Button(window1,text="ADD NEW MEDICINE",bg="white",command=storevalue)

btn0.grid(column=1,row=4)

btn01=Button(window1,text="REMOVE MEDICINE",bg="white",command=removevalue)

btn01.grid(column=1,row=10)

lbl01=Label(window1,text="MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl01.grid(column=3,row=4)

lbl02=Label(window1,text="MEDICINE DETAILS",font="bold",bg="white",anchor="n")

lbl02.grid(column=3,row=7)

entry0=Entry(window1,bd=5)

entry0.grid(column=5,row=4)

entry10=Entry(window1,bd=5)

entry10.grid(column=5,row=7)

lbl03=Label(window1,text="MEDICINE NAME",font="bold",bg="white",anchor="n")

lbl03.grid(column=3,row=12)

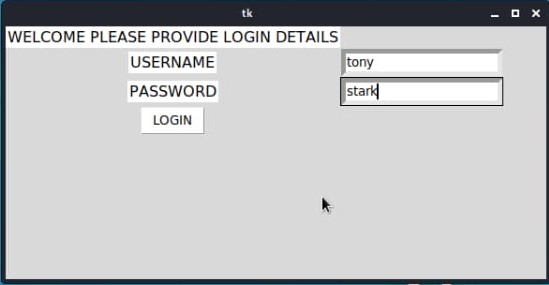
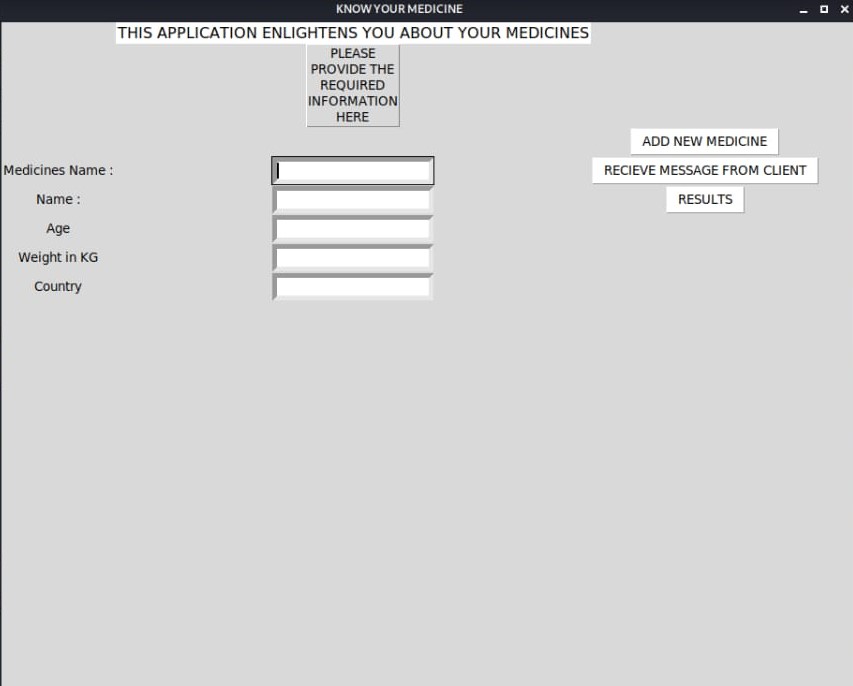
entry11=Entry(window1,bd=5)

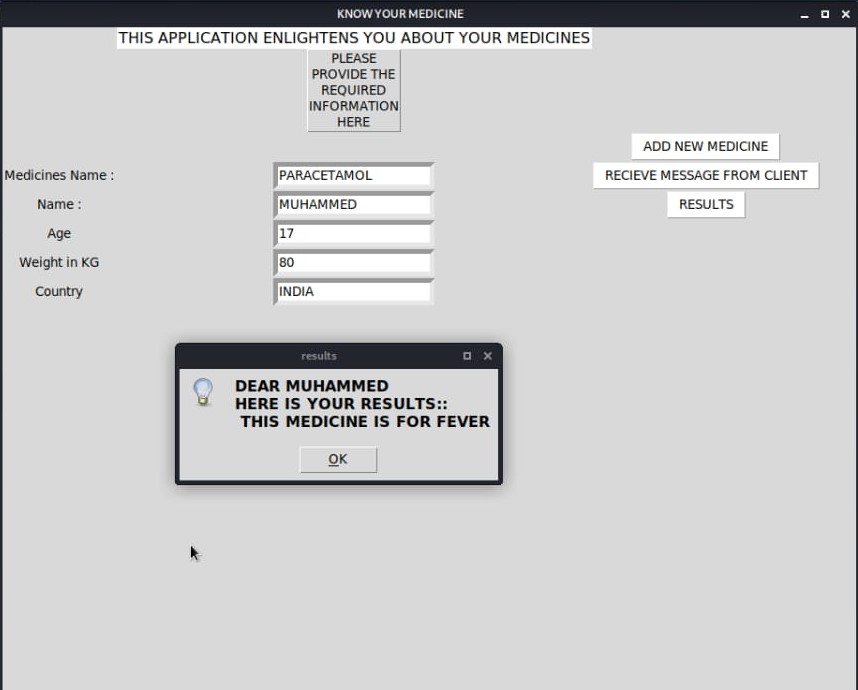
entry11.grid(column=5,row=12)

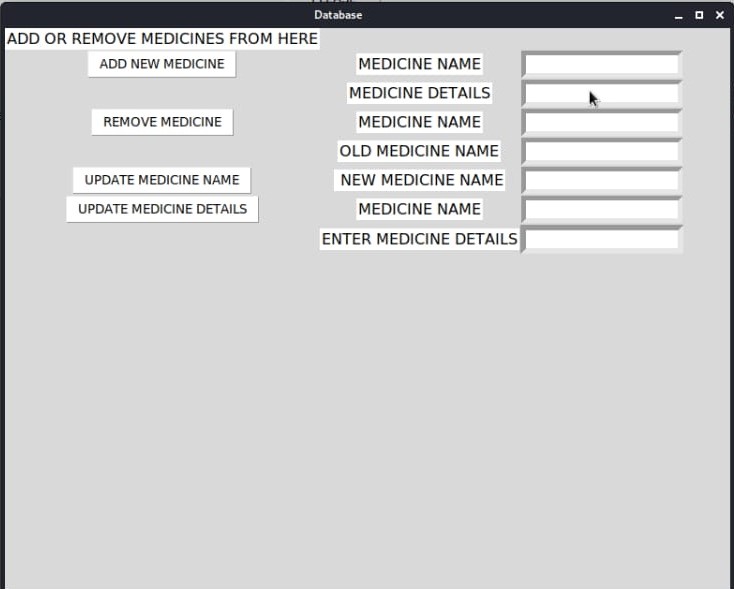
window1.mainloop()

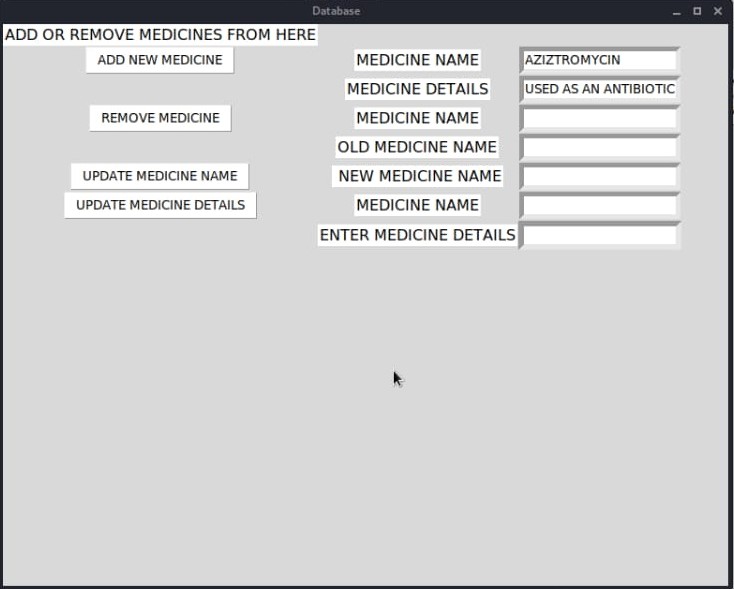
**5.4 OUTPUT SCREEN SHOTS**

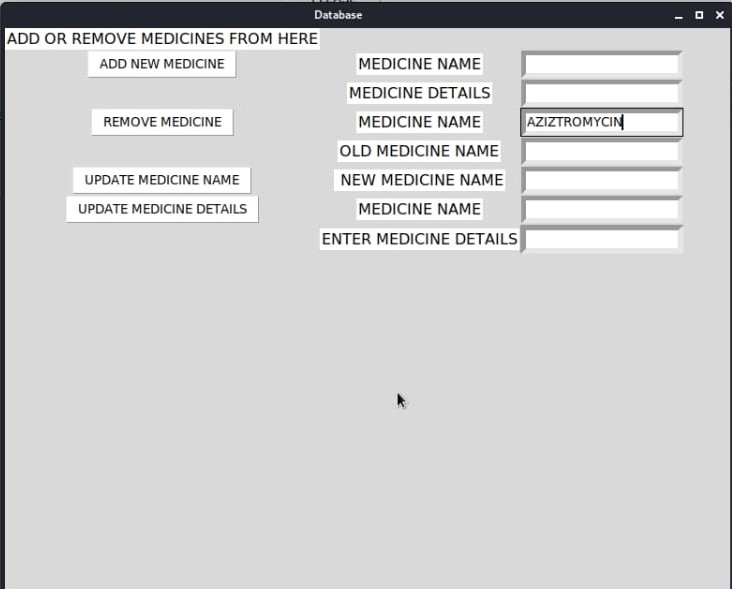
**SERVER SIDE**

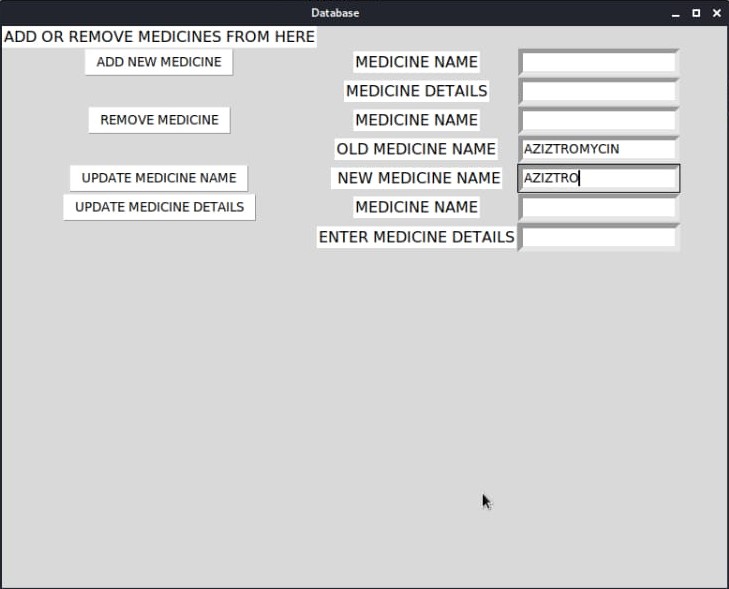


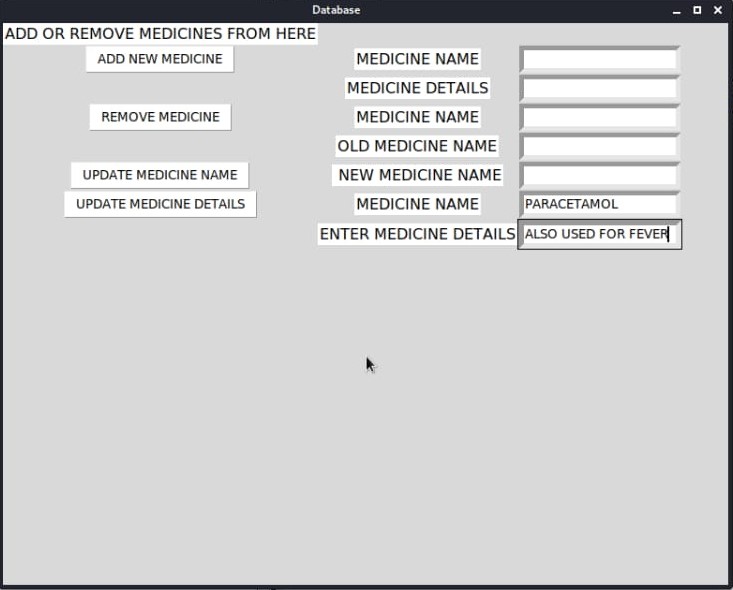




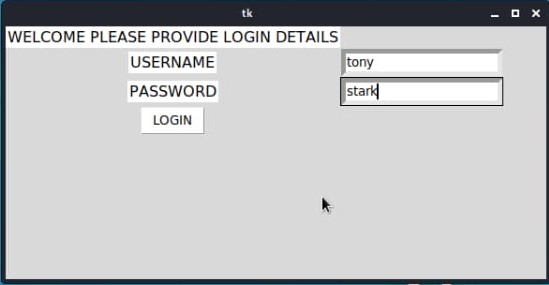


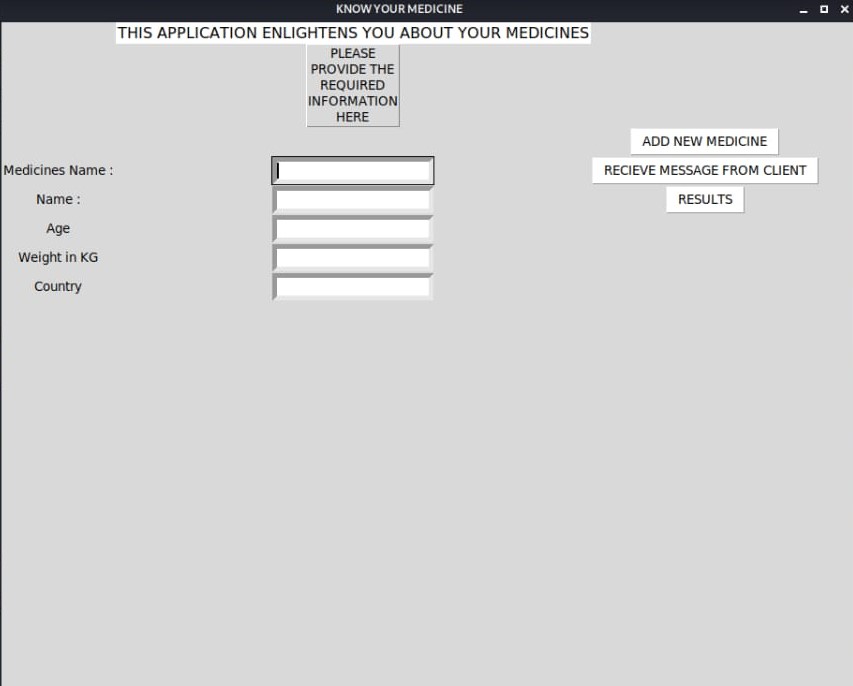


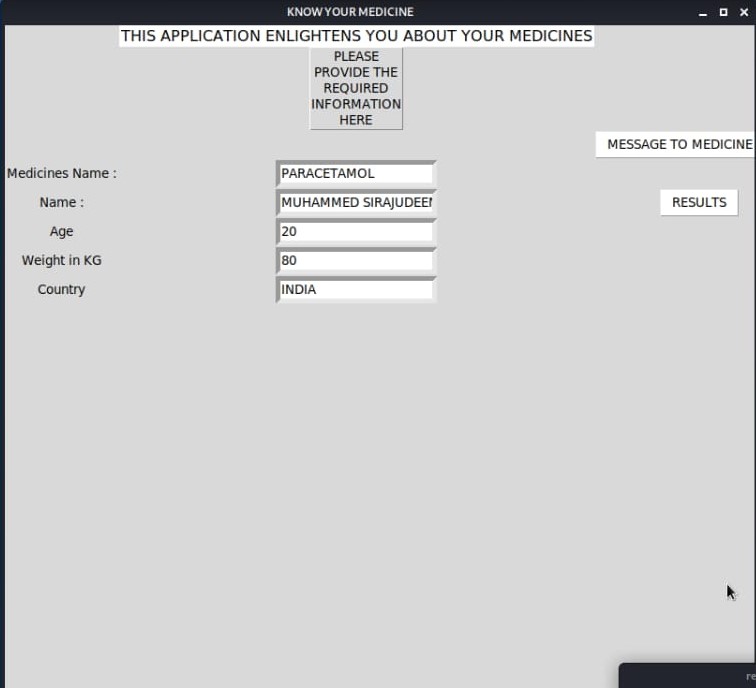


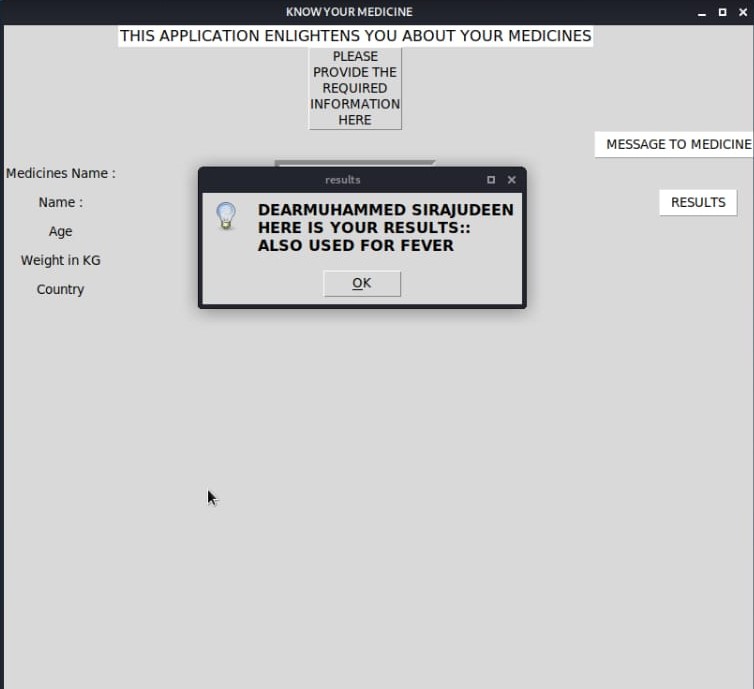


**CLIENT SIDE**



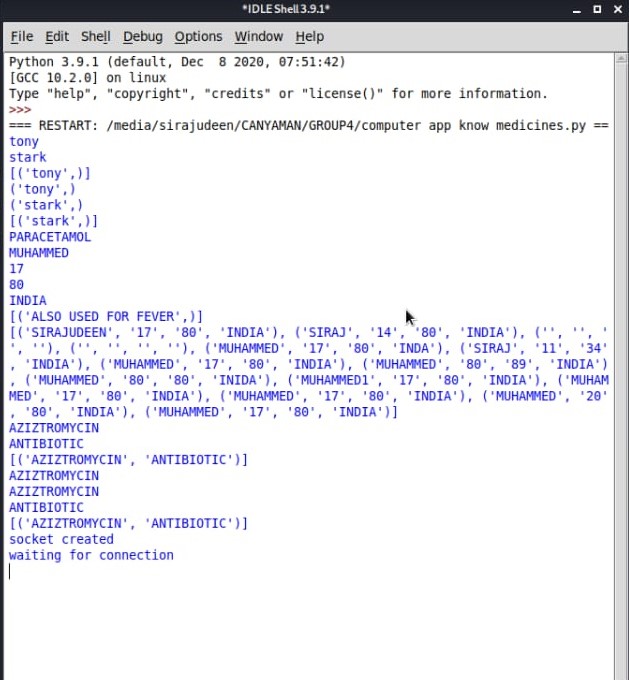


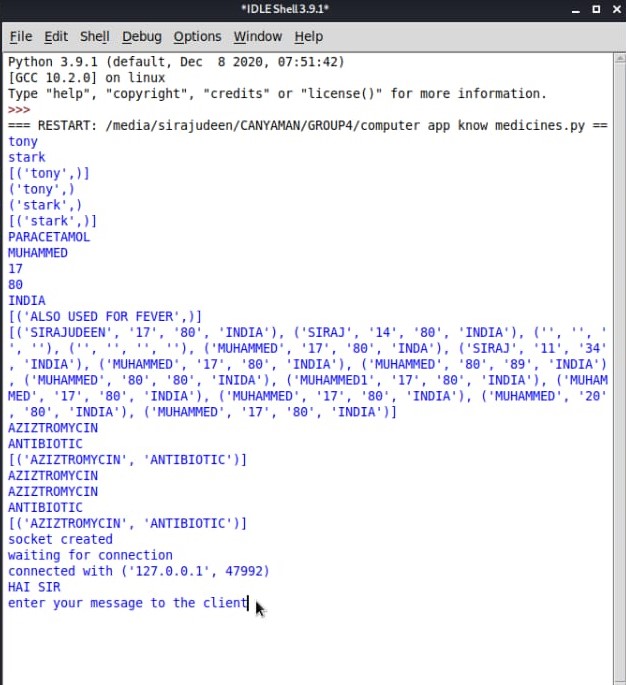


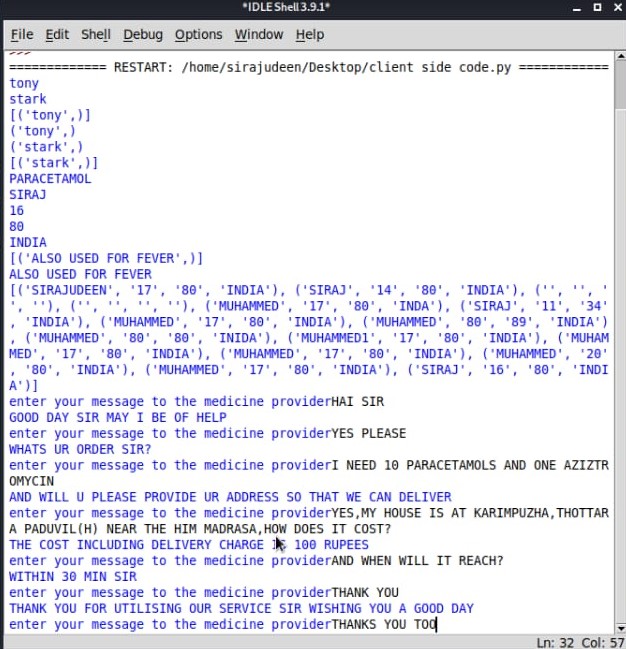


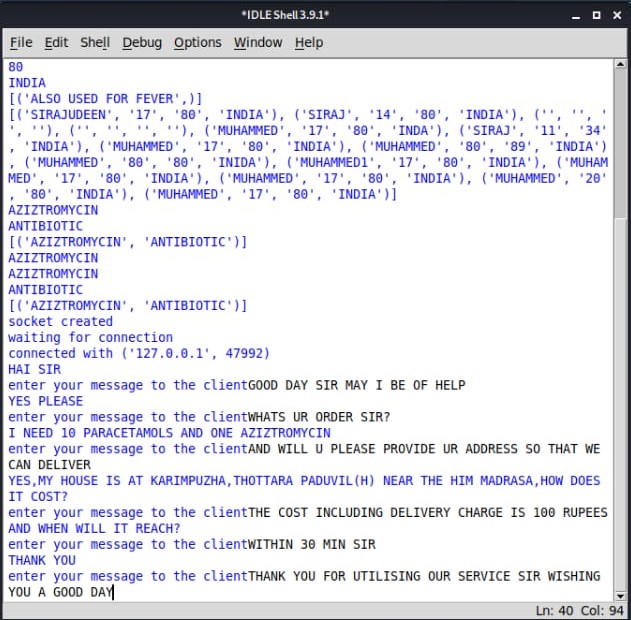
**COMMUNICATION OVER SOCKET USING TCP/IP**

**ON SERVER SIDE AND CLIENT SIDE.**









**6. REFERENCES**

In order to work on this project titled- Student Management System, the following books and literature are followed by me during the various phases of development of the project.

1. The Complete Reference of Python by MARTIN C BROWN
2. Learning Python by MARK LUTS
3. MySQL-Black Book by STEVEN HOLZNER
4. Understanding SQL-Gruber
5. [http://www.mysql.org](http://www.mysql.org/)
6. [https://www.w3schools.com](https://www.w3schools.com/)
7. [https://www.python.org](https://www.python.org/)
8. Informatics Practices and Computer Science for class XII by SUMITA ARORA