

Functions used in Program

insert_command() : Opens insert window

i_command(): Inserts value given in text boxes

query_command() : opens query window

f_command(): Search for record by name

f1_command(): Search by quantity (give < or > or = or <= or >=) when searching

f2_command(): Search by price (give < or > or = or <= or >=) when searching

um_command(): Updates medicine name

ua_command(): Updates quantity

up_command(): Updates price

c_command(): Clears all inserted labels and values in text box

d_command(): Deletes table

needed_command() : Opens needed window

nm_command(): Add medicines which are needed(manually)

na_command(): Automatic search medicines which less than 5 in table

nc_command(): clears all labels,output and entries

t_command() : Opens new table window

nt_command(): Creates new table when table name given

a_command(): calculates amount of medicines when purchased

p_command(): insert medicines name , quantity , price in csv file and displays its records
with minimum price for selling

b_command(): Prints bill and subtract quantity when medicine is sell , in table

Program

```
from tkinter import *          #importing tkinter library
import mysql.connector as sql  #importing sql library
import csv                     #importing csv

root = Tk()                   #creating window for main window

#<name>.geometry used to define size of window
root.geometry("650x400")      #size of main window

# ['bg'] defines background color of window
root['bg'] = '#f8f7fc'        #background color of window

con = sql.connect(host = "localhost" , user = "root" , passwd = "yato" , database =
"med")  #connecting to database
cur = con.cursor()            #creating cursor for query execution

# .title used to set title of window
root.title("Medical Store Management")  #heading of main window

#Keywords used in program

#Entry used to create text boxes window
#Labels used to create labels in window
#<name>.grid used to set position of objects in window
#Button used to create button in window
#<name>.delete used to delete value inserted in text boxes
#text = set text of labels or buttons
#width = set width of text boxes and buttons
#pady = set padding on y axis
#padx = set padding of buttons
#command = command given to buttons
#<name>.insert = inserts value in text box
```

```

#-----creating new windows-----

#----creating insert window

def insert_command():
    i_window = Toplevel()      #new window for inserting data
    i_window.geometry("300x300")  #size of insert window

    i_window.title("Insert")      #insert window title
    i_window['bg'] = "#f8f7fc"    #window background color

    #creating text boxes

    #i = insert , m = medicines , #q = quantity , #p = price , #t = table
    im_name = Entry(i_window , width=30)
    im_name.grid(row = 1, column = 1 , pady = 10) #defining position of text box

    iq_name = Entry(i_window , width=30)
    iq_name.grid(row = 2 , column = 1 , pady = 10)

    ip_name = Entry(i_window , width=30)
    ip_name.grid(row = 3, column = 1 , pady = 10)

    it_name = Entry(i_window , width=30)
    it_name.grid(row = 4, column = 1 , pady=10)

    #creating labels
    im_label = Label(i_window , text="Medicine Name" , bg="#f8f7fc").grid(row= 1, column =0)
    #labelposition

    iq_label = Label(i_window , text="Quantity" , bg="#f8f7fc").grid(row = 2, column = 0)
    ip_label = Label(i_window , text="Price" , bg="#f8f7fc").grid(row=3 , column = 0)
    it_label = Label(i_window , text="Table Name" , bg="#f8f7fc").grid(row = 4, column = 0)

    #functions for insert window

    def i_command():          #for inserting values
        i_add = """INSERT INTO {} Values
        ('{}' , {} , {})""".format(it_name.get(),im_name.get(),iq_name.get(),ip_name.get())
        #sql syntax for inserting

        cur.execute(i_add)      #command execution
        con.commit()            #committing changes

    i_complete = "Data inserted"    #on successfully inserting value

    i_print = Label(i_window , text=i_complete)  #output

```

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

#deleting values of text box
im_name.delete(0 , END)
iq_name.delete(0 , END)
ip_name.delete(0 , END)

#creating buttons
i_insert = Button(i_window , text="Insert" , command = i_command)
i_insert.grid(row=5 , column=0 , columnspan=2 , pady=10 , padx=10 , ipadx=100)

#-----creating query window
def query_command():
    q_window = Toplevel() #new window
    q_window.geometry("730x350")

    q_window.title("Query") #query window title
    q_window['bg'] = "#f8f7fc"

    #creating text boxes

    #q = query , u = update , p = price , t = table
    qm_name = Entry(q_window , width=30)
    qm_name.grid(row = 1, column = 1 , pady = 10)

    qq_name = Entry(q_window , width=30)
    qq_name.grid(row = 2 , column = 1 , pady = 10)

    qp_name = Entry(q_window , width=30)
    qp_name.grid(row = 3, column = 1 , pady = 10)

    qu_name = Entry(q_window , width=30)
    qu_name.grid(row = 1, column = 3 , pady = 10)

    quq_name = Entry(q_window , width=30)
    quq_name.grid(row = 2 , column = 3 , pady = 10)

    qup_name = Entry(q_window , width=30)
    qup_name.grid(row = 3, column = 3 , pady = 10)

    qt_name = Entry(q_window , width=30)
    qt_name.grid(row = 4, column = 1 , pady=10)

    #creating labels
    qm_label = Label(q_window , text="Medicine Name" , bg="#f8f7fc").grid(row= 1, column = 0)
    qq_label = Label(q_window , text="Quantity" , bg="#f8f7fc").grid(row = 2, column = 0)
    qp_label = Label(q_window , text="Price" , bg="#f8f7fc").grid(row=3 , column = 0)
    qt_label = Label(q_window , text="Table Name" , bg="#f8f7fc").grid(row = 4, column = 0)

```

```

qu_label = Label(q_window , text="Update Medicine Name" , bg="#f8f7fc").grid(row= 1,
column = 2 , padx=10)
quq_label = Label(q_window , text="Add Stock" , bg="#f8f7fc").grid(row = 2, column = 2 ,
padx=10)
qup_label = Label(q_window , text="Change Price" , bg="#f8f7fc").grid(row=3 , column = 2
, padx=10)

#functions for query window
def f_command():
    #defining functions
    global qr_output

    f_text = """SELECT * FROM {}
WHERE Medicine like '{} '""".format(qt_name.get() , qm_name.get())

    cur.execute(f_text)
    o = cur.fetchall()

    q_output = ' '
    for i in o:
        q_output += str(i) + '\n'

    qr_output = Label(q_window , text=q_output) #give record in form of label
    qr_output.grid(row = 7 , column=1)

    con.commit()

def f1_command():
    global qr_output

    f_text = """SELECT * FROM {}
WHERE Quantity {}""".format(qt_name.get() , qq_name.get())

    cur.execute(f_text)
    o = cur.fetchall()

    q_output = ' '
    for i in o:
        q_output += str(i) + '\n'

    qr_output = Label(q_window , text=q_output)
    qr_output.grid(row = 7 , column=1)

    con.commit()

def f2_command():
    global qr_output

    f_text = """SELECT * FROM {}
WHERE Price {}""".format(qt_name.get() , qp_name.get())

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```

cur.execute(f_text)
o = cur.fetchall()

q_output = ' '
for i in o:
    q_output += str(i) + '\n'

qr_output = Label(q_window , text=q_output)
qr_output.grid(row = 7 , column=1)

con.commit()

def um_command():          #functions of updation
    global qr_output

    u_text = """UPDATE {}
SET MEDICINE = '{}'
WHERE MEDICINE LIKE '{}'""".format(qt_name.get() , qu_name.get() , qm_name.get())

    cur.execute(u_text)
    con.commit()

    qr_output = Label(q_window , text="Updated")
    qr_output.grid(row = 7 , column=1)

def ua_command():
    global qr_output

    u_text = """UPDATE {}
SET Quantity = {}
WHERE Medicine = '{}'""".format(qt_name.get() , quq_name.get() , qm_name.get())

    cur.execute(u_text)
    con.commit()

    qr_output = Label(q_window , text="Updated")
    qr_output.grid(row = 7 , column=1)

def up_command():
    global qr_output

    u_text = """UPDATE {}
SET Price = {}
WHERE MEDICINE LIKE '{}'""".format(qt_name.get() , qup_name.get() , qm_name.get())

    cur.execute(u_text)
    con.commit()

    qr_output = Label(q_window , text="Updated")
    qr_output.grid(row = 7 , column=1)

```

```

#clear text boxes and label
def c_command():
    qm_name.delete(0 , END)
    qq_name.delete(0 , END)
    qp_name.delete(0 , END)
    qu_name.delete(0 , END)
    quq_name.delete(0 , END)
    qup_name.delete(0 , END)
    qr_output.destroy()

def d_command(): #function for table deletion
    global qr_output

    d_text = "DROP TABLE {}".format(qt_name.get())

    cur.execute(d_text)

    qr_output = Label(q_window , text="Successfully Deleted")
    qr_output.grid(row = 7 , column=1)

    con.commit()

#creating buttons for query

#f = find #c = clear #d = delete
f_button = Button(q_window , text="Find from name" , command= f_command)
f_button.grid(row=5 , column=0 , ipadx=40 , pady=30)

f1_button = Button(q_window , text="Find in quantity" , command= f1_command)
f1_button.grid(row=5 , column=1 , ipadx=40 , pady=30)

f2_button = Button(q_window , text="Find in price" , command= f2_command)
f2_button.grid(row=5 , column=2 , ipadx=40 , pady=30)

um_button = Button(q_window , text="Update Name" , command=um_command)
um_button.grid(row=6 , column=0 , ipadx=40)

ua_button = Button(q_window , text="Add Stock" , command=ua_command)
ua_button.grid(row=6 , column=1 , ipadx=40)

up_button = Button(q_window , text="Change Price" , command=up_command)
up_button.grid(row=6 , column=2 , ipadx=40)

c_button = Button(q_window , text="Clear" , command=c_command)
c_button.grid(row=5 , column=3 , ipadx=50 , pady=30)

d_button = Button(q_window , text="Delete Table" , command=d_command)
d_button.grid(row=6 , column=3 , ipadx=50)

```

```

#-----creating needed window

def needed_command():
    n_window = Toplevel()
    n_window.geometry("500x400")
    n_window.title("Needed Medicines")
    n_window['bg']="#f8f7fc"

    #creating boxes

    #n = needed
    nm_name = Entry(n_window , width=30)
    nm_name.grid(row = 1, column = 1 , pady = 10)

    nt_name = Entry(n_window , width=30)
    nt_name.grid(row=2 , column=1)

    #creating labels
    nm_label = Label(n_window , text="Medicine Name" , bg="#f8f7fc")
    nm_label.grid(row = 1, column = 0 , pady = 10)

    nt_label = Label(n_window , text="Table name(for automatic search)" , bg="#f8f7fc")
    nt_label.grid(row=2 , column=0)

    na_label = Label(n_window , text="Left less then 5" , bg="#f8f7fc")
    na_label.grid(row=3 , column=0)

    #functions for needed window
    def nm_command():
        global no
        nf = open("Needed.txt" , "a")
        nf.write(nm_name.get() + '\n')

        no = Label(n_window , text="Successfully Added")
        no.grid(row=4 , column=1)

    def na_command():    #automatic search medicines
        global qr_output
        na_text = """SELECT Medicine FROM {}
WHERE QUANTITY < 5""".format(nt_name.get())

        cur.execute(na_text)
        o = cur.fetchall()

        q_output = ' '

        for i in o:
            q_output += str(i) + '\n'

        qr_output = Label(n_window , text=q_output)

```



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

con.commit()

def nc_command():
    global no
    qr_output.destroy()
    no.destroy()

#creating buttons

nm_button = Button(n_window , text="ADD" , command=nm_command)
nm_button.grid(row=1 , column=2 , padx=10 , ipadx=20)

na_button = Button(n_window , text="Automatic Search" , command=na_command)
na_button.grid(row=3 , column=1 , pady=10 , ipadx=20)

nc_button = Button(n_window , text="Clear" , command=nc_command)
nc_button.grid(row=2 , column=2 , pady=10 , ipadx=20)

#-----creating new table window

def t_command():
    t_window = Toplevel()
    t_window.geometry("400x300")
    t_window.title("New table")
    t_window['bg'] = "#f8f7fc"

    #text box for table window
    t_name = Entry(t_window , width=40)
    t_name.grid(row=0 , column=1)

    #label for table window
    t_label = Label(t_window , text="Table Name" , bg="#f8f7fc").grid(row=0 , column=0)

    #function for table window

    def nt_command():
        nt_text = """CREATE TABLE {}(
            Medicine VARCHAR(20),
            Quantity INT,
            Price INT)""".format(t_name.get())

        cur.execute(nt_text)

        nt_created = Label(t_window , text="New table created")
        nt_created.grid(row=2 , column=0 , pady=20)

    con.commit

```

```

#buttons for new table window

nt_button = Button(t_window , text="Create" , command=nt_command)
nt_button.grid(row=1 , column=1 , pady=10)

#creating functions for main window

def a_command():
    import csv
    cr = open("bill.csv" , "r")
    crr = csv.reader(cr)

    amount = 0
    for rec in crr:
        amount = amount + (int(rec[1])*int(rec[2]))

    a_name.delete(0 , END)
    a_name.insert(0 , amount)

def p_command():
    import csv
    pfc = open("bill.csv" , "a" , newline='\n')

    pfr = csv.writer(pfc)

    global qr_output

    f_text = """SELECT Medicine,0.1*Price + Price FROM {}
        WHERE Medicine like '{} '""".format(t_name.get() , m_name.get())

    cur.execute(f_text)
    o = cur.fetchall()

    q_output = ' '
    for i in o:
        q_output += str(i) + '\n'

    qr_output = Label(root , text=q_output)
    qr_output.grid(row = 6 , column=1)

    con.commit()

    a_name.delete(0 , END)

    a_name.insert(0 , int(q_name.get())*int(p_name.get()))

    pr_name.delete(0 , END)

```

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csvr = [m_name.get() , q_name.get() , p_name.get()]
pfr.writerow(csvr)

m_name.delete(0 , END)
q_name.delete(0 , END)
p_name.delete(0 , END)

pr_name.insert(0 , "Added")

def b_command():
    import csv
    pc = open("bill.csv" , "r")
    cr = csv.reader(pc)

    for rec in cr:
        b_text = """UPDATE {}
        SET QUANTITY = Quantity - {}
        WHERE MEDICINE LIKE '{}'.format(t_name.get() , rec[1] , rec[0])

        cur.execute(b_text)
        con.commit()

    qr_output.destroy()

    pc.close()

    pw = open("bill.csv" , "w")
    pw.truncate()
    pw.close()

#creating text boxes for main window
m_name = Entry(root , width=30)
m_name.grid(row = 1, column = 1 , pady = 10)

q_name = Entry(root , width=30)
q_name.grid(row = 2 , column = 1 , pady = 10)

p_name = Entry(root , width=30)
p_name.grid(row = 3, column = 1 , pady = 10)

a_name = Entry(root , width=30)
a_name.grid(row = 1, column = 3 , pady=10)

pr_name = Entry(root , width=30)      #pr = print
pr_name.grid(row = 2, column = 3 , pady=10)

t_name = Entry(root , width=30)
t_name.grid(row = 3, column = 3 , pady=10)

```

```
#creating labels
m_label = Label(root , text="Medicine Name" , bg="#f8f7fc").grid(row= 1, column = 0)
q_label = Label(root , text="Quantity" , bg="#f8f7fc").grid(row = 2, column = 0)
p_label = Label(root , text="Price" , bg="#f8f7fc").grid(row=3 , column = 0)
a_label = Label(root , text="Amount" , bg="#f8f7fc").grid(row=1 , column = 2)
pr_label = Label(root , text = "Print" , bg="#f8f7fc").grid(row=2 , column=2)
t_label = Label(root , text="Table Name" , bg="#f8f7fc").grid(row = 3, column = 2)

#creating buttons
a_button = Button(root , text="Amount" , command = a_command)
a_button.grid(row = 4 , column = 2 , pady=10 , padx = 10 , ipadx = 20)

p_button = Button(root , text="Print" , command = p_command)
p_button.grid(row = 4 , column = 1 , pady=10 , padx = 10 , ipadx = 20)

i_button = Button(root , text = "Insert" , command = insert_command)
i_button.grid(row = 5 , column = 2 , ipadx = 20 , pady=20)

b_button = Button(root , text="Bill" , command = b_command)
b_button.grid(row= 4 , column = 3 , ipadx=20)

q_button = Button(root , text="Query" , command= query_command)
q_button.grid(row = 5 , column = 1 , ipadx=20 , pady=20)

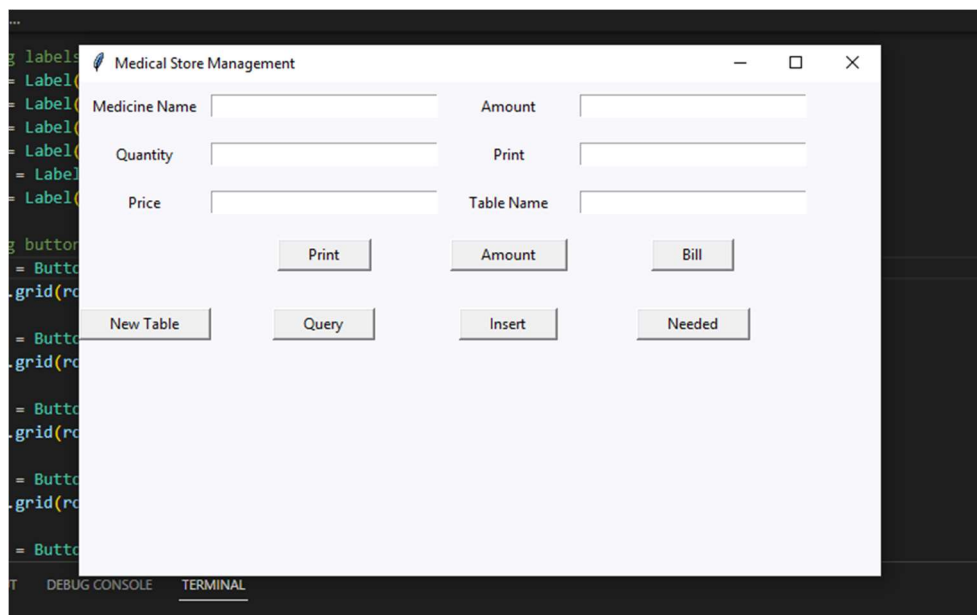
n_button = Button(root , text="Needed" , command= needed_command)
n_button.grid(row = 5 , column = 3 , ipadx=20 , pady=20)

t_button = Button(root , text="New Table" , command= t_command)
t_button.grid(row = 5 , column = 0 , ipadx=20 , pady=20)

root.mainloop() #infinite loop for window
```

Output

Main Window-



Medicine Name – <Enter Medicine Name>

Amount - <Automatically gives amount>

Quantity - <Enter Quantity>

Print – write selling info in csv file

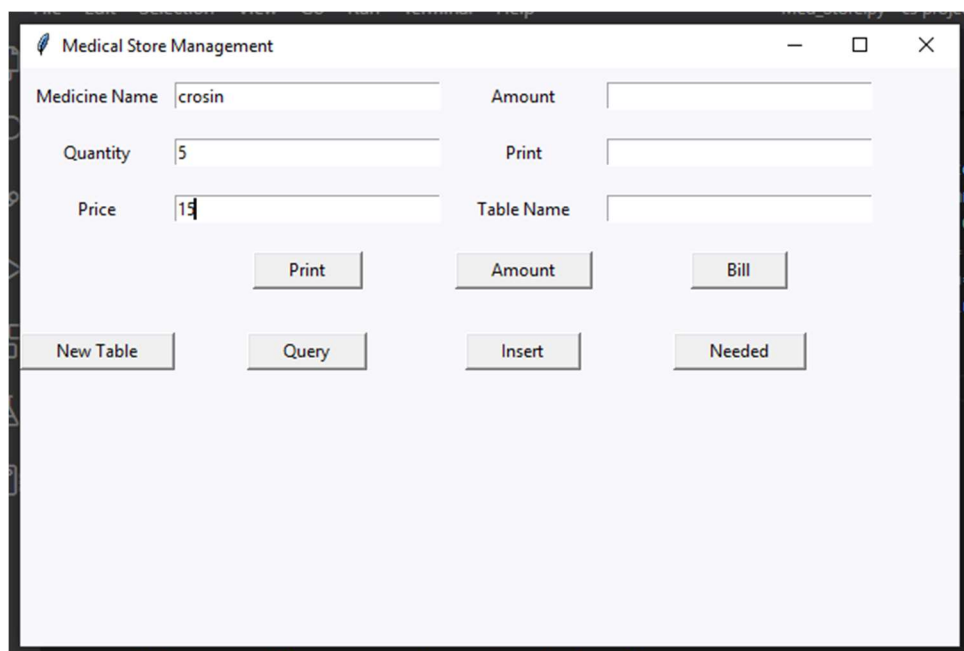
Price – <Enter Price>

Table Name - <Enter current table>

Print Button - <Enter medicine information in csv file when purchased>

Amount Button - <Calculates amount of purchased medicines>

Bill Button - <Subtracts Quantity of Purchased Medicine from main table >



Print clicked

Amount = $5 * 15 = 75$

Medicine name and minimum selling price shown below query button

Minimum selling price for crossing is 11

```
bill.csv
1 | crosin,5,15
2 | injection,5,10
3 | 
```

When Print Clicked , Record inserted in csv file bill.csv

When Bill clicked

```
bill.csv
1 | 
```

Prints Bill and clear csv file while subtracting quantity purchased from main table

New Entries

Medical Store Management

Medicine Name	injection	Amount
Quantity	5	Print
Price	10	Table Name

Print Amount

New Table Query Insert

('crosin', Decimal('11.0'))

Amount 50

Print Added

Table Name you

Amount Bill

Insert Needed

('injection', Decimal('3.3'))
('injection', Decimal('5.5'))

Minimum selling price of injection is 3.3 & 5.5 with margin of 10%

Amount 125

Print Added

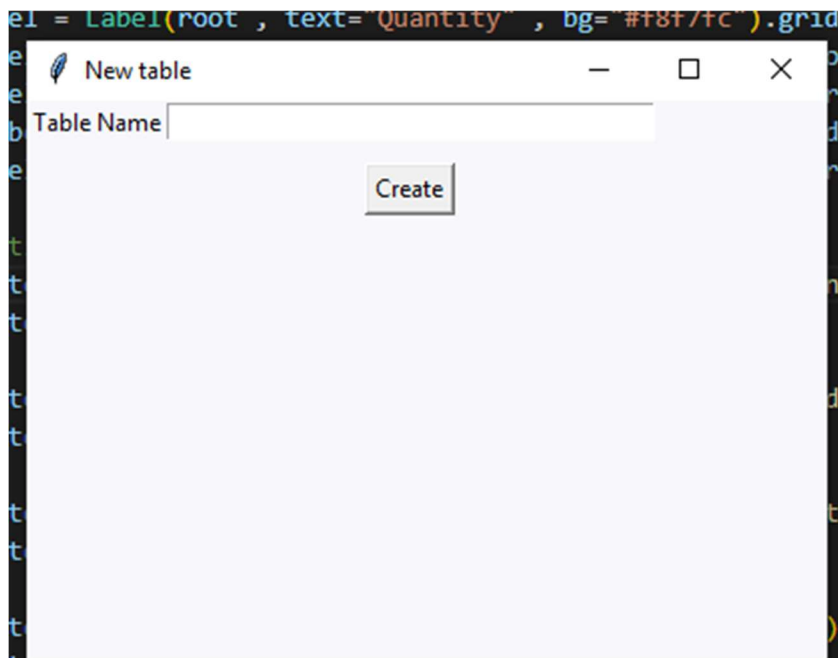
Table Name you

Amount Bill

Amount Button – When click it gives total amount as 125

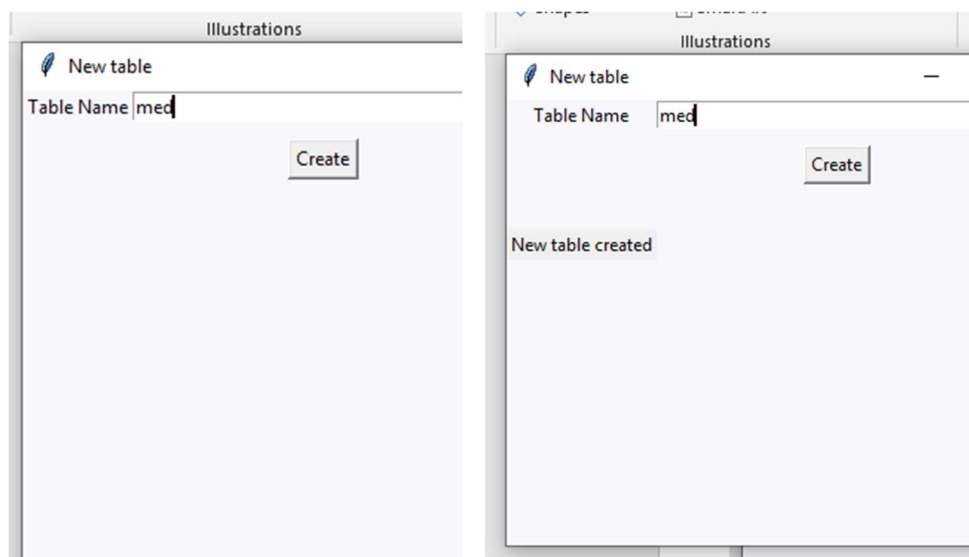
Amount of crosin + injection i.e., $5 \times 15 + 5 \times 10 = 125$

New Table Window –



Creates new table

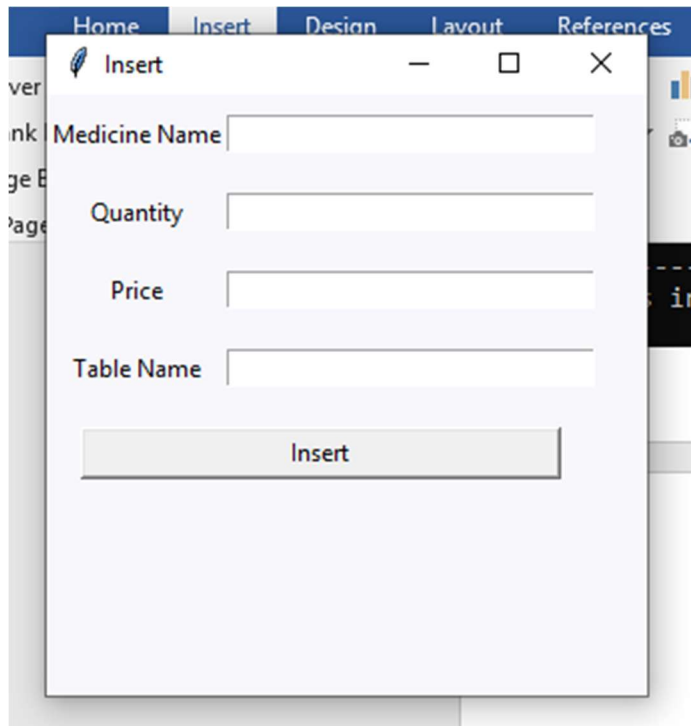
When Create Button Clicked



New Table med created

```
Database changed
mysql> show tables;
+-----+
| Tables_in_med |
+-----+
| boi           |
| med           |
| sales         |
| you           |
+-----+
4 rows in set (0.08 sec)
```

Insert Button -



Insert

Medicine Name

Quantity

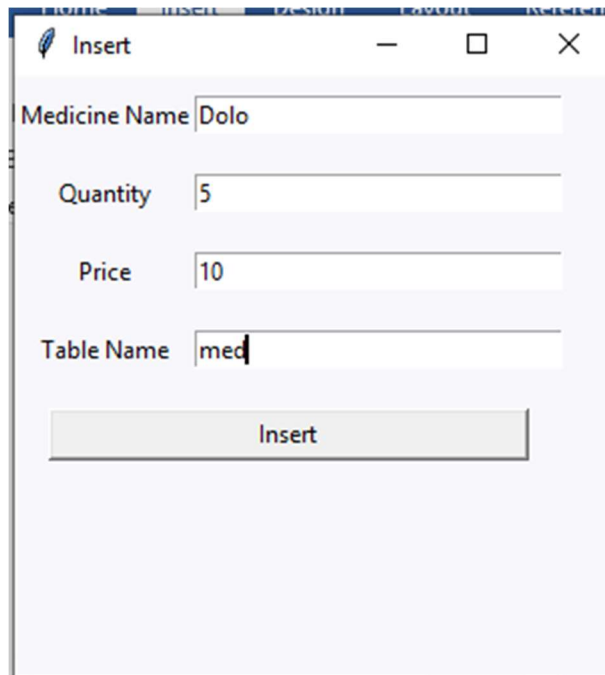
Price

Table Name

Insert

Opens Insert window

Insert Button –



Insert

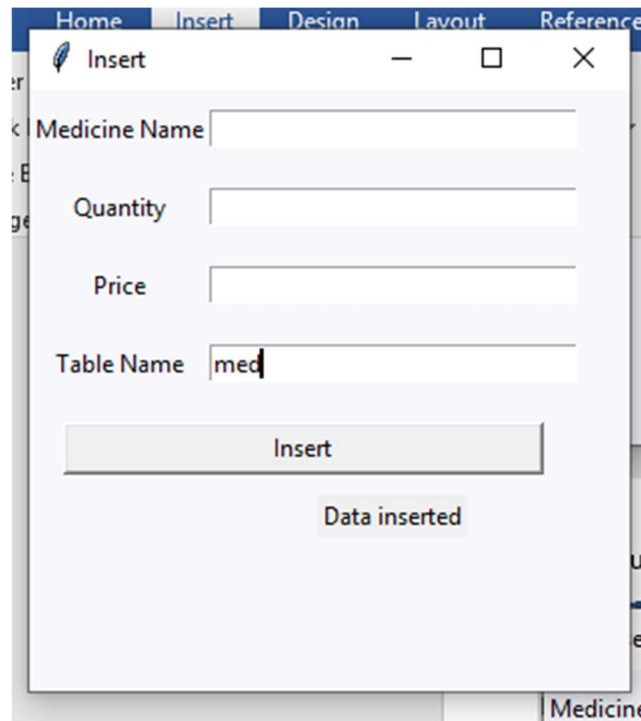
Medicine Name

Quantity

Price

Table Name

Insert



Insert

Medicine Name

Quantity

Price

Table Name

Insert

Data inserted

Data Insert is shown , hence successfully inserted in table med

Query Button –

The Query window is a light blue dialog box with a title bar containing a feather icon and the word "Query". It features two columns of input fields and two rows of buttons. The first column contains fields for "Medicine Name", "Quantity", "Price", and "Table Name". The second column contains fields for "Update Medicine Name", "Add Stock", and "Change Price". The first row of buttons includes "Find from name", "Find in quantity", "Find in price", and "Clear". The second row includes "Update Name", "Add Stock", "Change Price", and "Delete Table".

Opens Query Window

Using Find from name :

The Query window is shown with the "Medicine Name" field containing the text "crosin" and the "Table Name" field containing the text "med". The "Find from name" button is highlighted with a grey background. Below the "Add Stock" button, the text "('crosin', 5, 22)" is displayed.

Output is shown below Add Stocks Button

Using Find in Quantity Button:

Query

Medicine Name

Quantity

Price

Table Name

Find from name Find in quantity

Update Name Add Stock

('Dolo', 5, 10)
('crosin', 5, 22)

Query

Medicine Name

Quantity

Price

Table Name

Find from name Find in quantity

Update Name Add Stock

('tube', 40, 30)

Using Find from Price Button:

Query

Medicine Name

Quantity

Price

Table Name

Find from name Find in quantity Find in price

Update Name Add Stock Change Price

('crosin', 5, 22)
('tube', 40, 30)

Price

Change Price

Table Name

Find from name Find in quantity Find in price

Update Name Add Stock Change Price

('Dolo', 5, 10)

Output

Using Update Name Button:

Medicine Name Update Medicine Name

Name is updated from crosin to dolo

```
+-----+
4 rows in set (0.08 sec)

mysql> select * from med;
+-----+-----+-----+
| Medicine | Quantity | Price |
+-----+-----+-----+
| Dolo     | 5        | 10    |
| crosin   | 5        | 22    |
| tube     | 40       | 30    |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from med;
+-----+-----+-----+
| Medicine | Quantity | Price |
+-----+-----+-----+
| Dolo     | 5        | 10    |
| dolo     | 5        | 22    |
| tube     | 40       | 30    |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

Add Stock Button:

Query

Medicine Name Update Medicine Name

Quantity Add Stock

```
mysql> select * from med;
+-----+-----+-----+
| Medicine | Quantity | Price |
+-----+-----+-----+
| Dolo     | 5        | 10    |
| dolo     | 5        | 22    |
| tube     | 50       | 30    |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

Changes stock from 0 to 50 when Add Stock is clicked

Change Price Button:

Medicine Name	<input type="text" value="tube"/>	Update Medicine Name	<input type="text"/>
Quantity	<input type="text"/>	Add Stock	<input type="text"/>
Price	<input type="text"/>	Change Price	<input type="text" value="10"/>

```
mysql> select * from med;
+-----+-----+-----+
| Medicine | Quantity | Price |
+-----+-----+-----+
| Dolo     | 5        | 10    |
| dolo     | 5        | 22    |
| tube     | 50       | 10    |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

Changes tube price from 30 to 10

Delete table Buttons:

Table Name	<input type="text" value="bo"/>		
Find from name	Find in quantity	Find in price	Clear
Update Name	Add Stock	Change Price	Delete Table
Successfully Deleted			

```
mysql> show tables;
+-----+
| Tables_in_med |
+-----+
| med            |
| sales          |
| you            |
+-----+
3 rows in set (0.00 sec)
```

Deletes table from database

Clear Button: Clear all inserted values in text box and labels

Needed Button:

The screenshot shows a window titled "Needed Medicines" with a light blue header bar. Below the header, there are two input fields and two buttons. The first input field is labeled "Medicine Name" and is empty. To its right is a button labeled "ADD". Below the first input field is a second input field labeled "Table name(for automatic search)" which is also empty. To its right is a button labeled "Clear". Below the second input field, there is a label "Left less then 5" and a button labeled "Automatic Search". The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

Needed – Add Button:

This screenshot shows the same "Needed Medicines" window. The "Medicine Name" input field now contains the text "injections". The "ADD" button is still visible to the right of the input field. The other elements of the window remain the same.

The screenshot shows a text editor window titled "Needed.txt". The first line of the file contains the word "injections". The second line is empty.

Adds given medicine in text file

This screenshot shows the "Needed Medicines" window. The "Medicine Name" input field now contains the text "itone". The "ADD" button is still visible to the right of the input field. The other elements of the window remain the same.

Second Entry

The screenshot shows the text editor window titled "Needed.txt". The first line contains "injections" and the second line contains "itone". The third line is empty.

Automatic Button : Gives medicine left less than 5

The screenshot shows a web application interface. At the top, there is a text input field labeled "Table name(for automatic search)" containing the text "med". To the right of this field is a "Clear" button. Below the input field, there is a label "Left less then 5" and a button labeled "Automatic Search". Below the "Automatic Search" button, a dropdown menu is open, showing two options: "('itone',)" and "('tube 2',)".

These are left less than 5 in table med

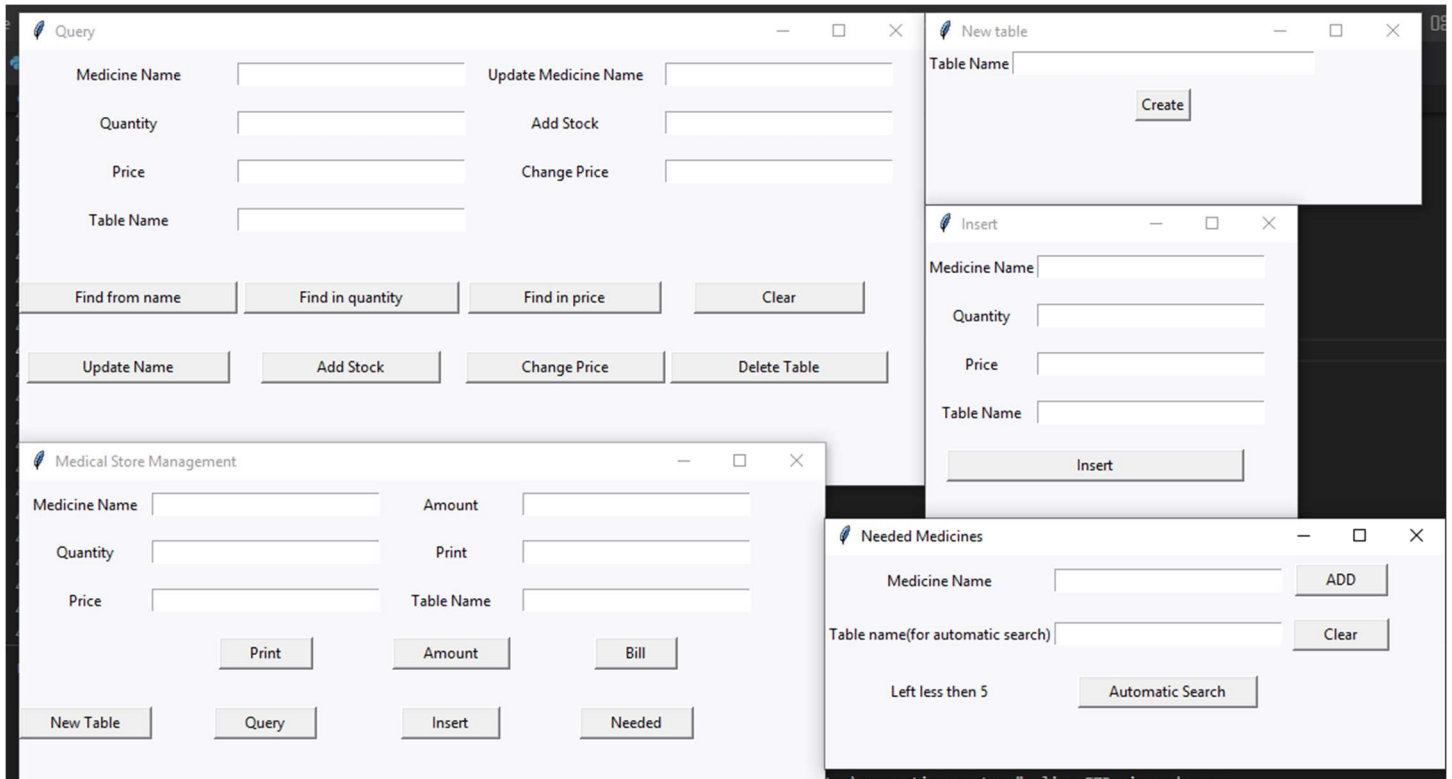
```
mysql> select * from med;
+-----+-----+-----+
| Medicine | Quantity | Price |
+-----+-----+-----+
| Dolo     | 5        | 10    |
| dolo     | 5        | 22    |
| tube     | 50       | 10    |
| itone    | 3        | 2     |
| tube 2   | 1        | 1     |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

Clearly we can see itone and tube 2 is left less than 5 in table med

Clear Button: Clear all entries and lables

All Windows of Program



This Program is help full in managing Medical store.

Program uses SQL (sequel) as main structure for its queries , data insertion , table creation , deleting tables and programs which can be useful such as automatic amount calculation , automatically providing information of medicines left less than 5 , manually adding medicines which are needed and other shown above.

Program provides minimum value for selling medicines (which is set 10% here) and gives total amount of medicine purchased by customer.

Program can also automatically subtracts quantity of medicines which are purchased.

Program also includes use of csv and text files.

Bibliography

- Youtube.com/watch/Tkinter Course – Create Graphics User Interface in Python Tutorial
<https://www.youtube.com/watch?v=YXPyB4XeYLA&t=5344s>
- Stackoverflow.com