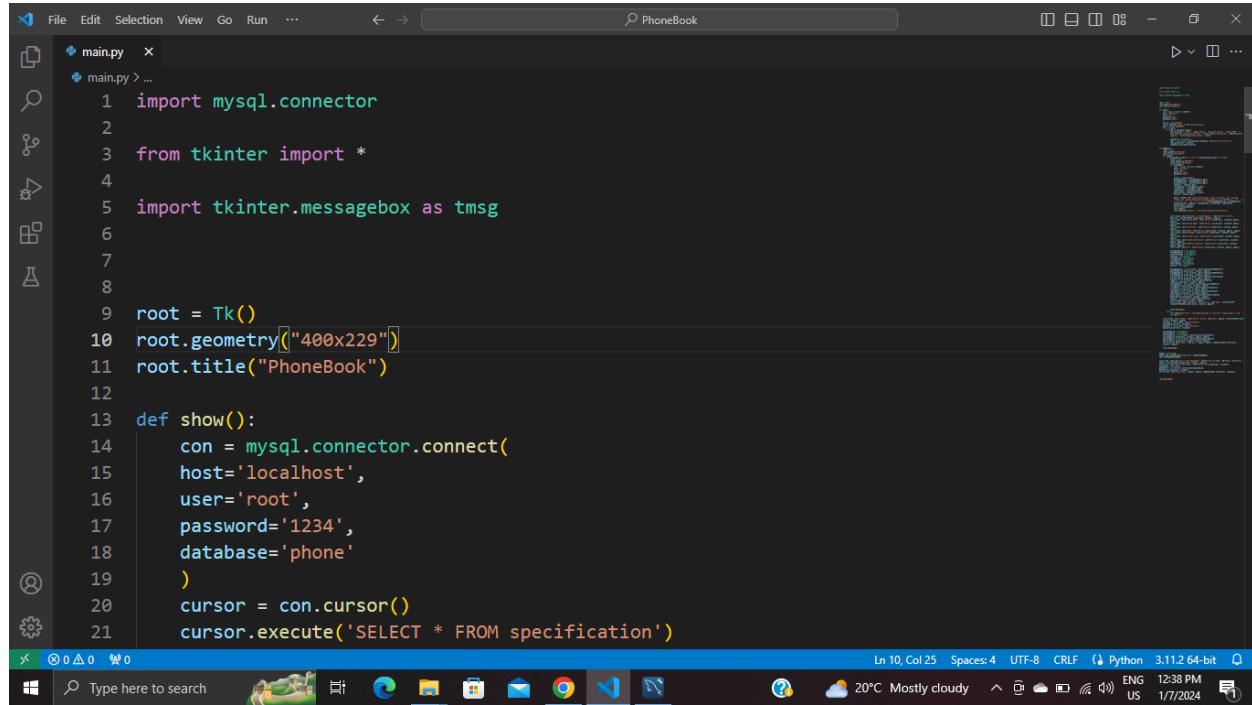
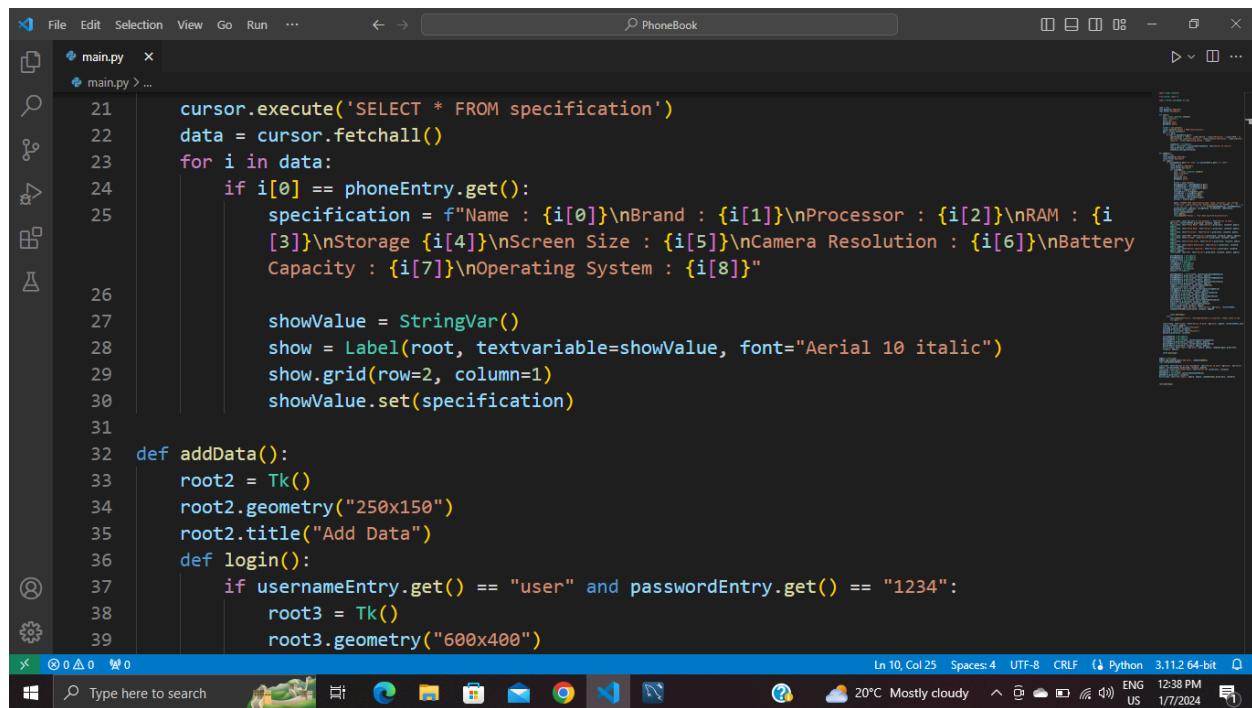


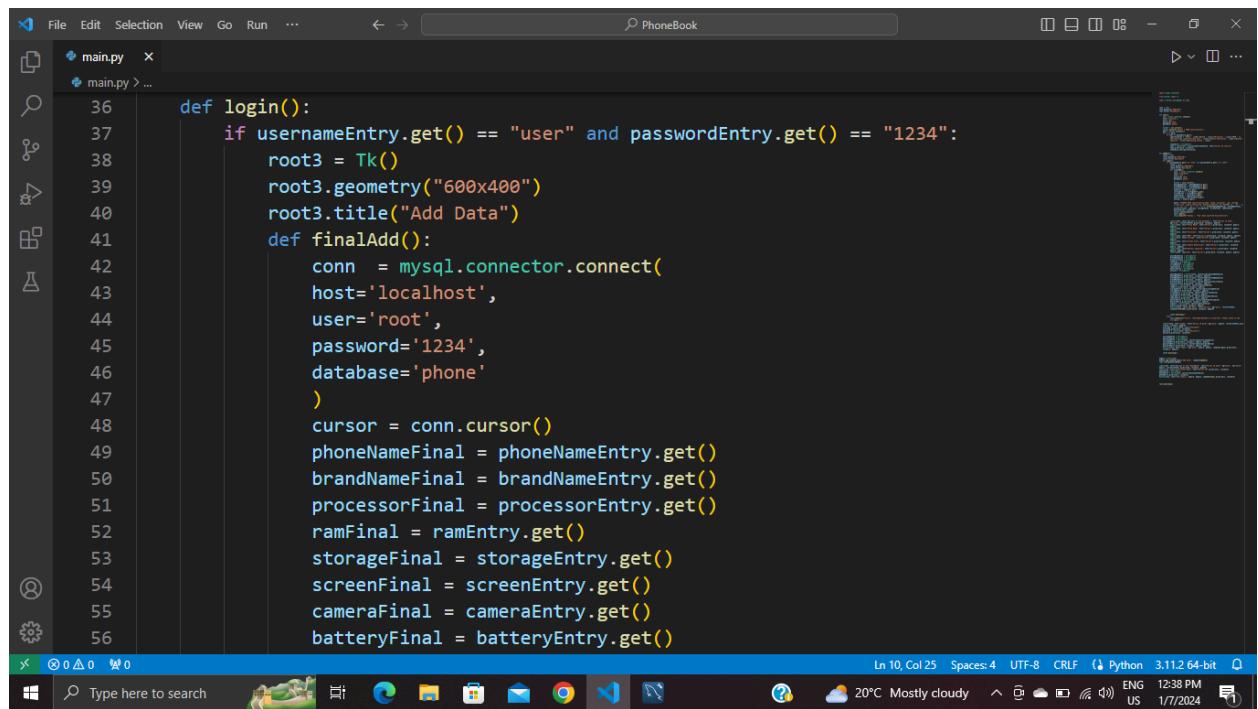
PYTHON (Code)



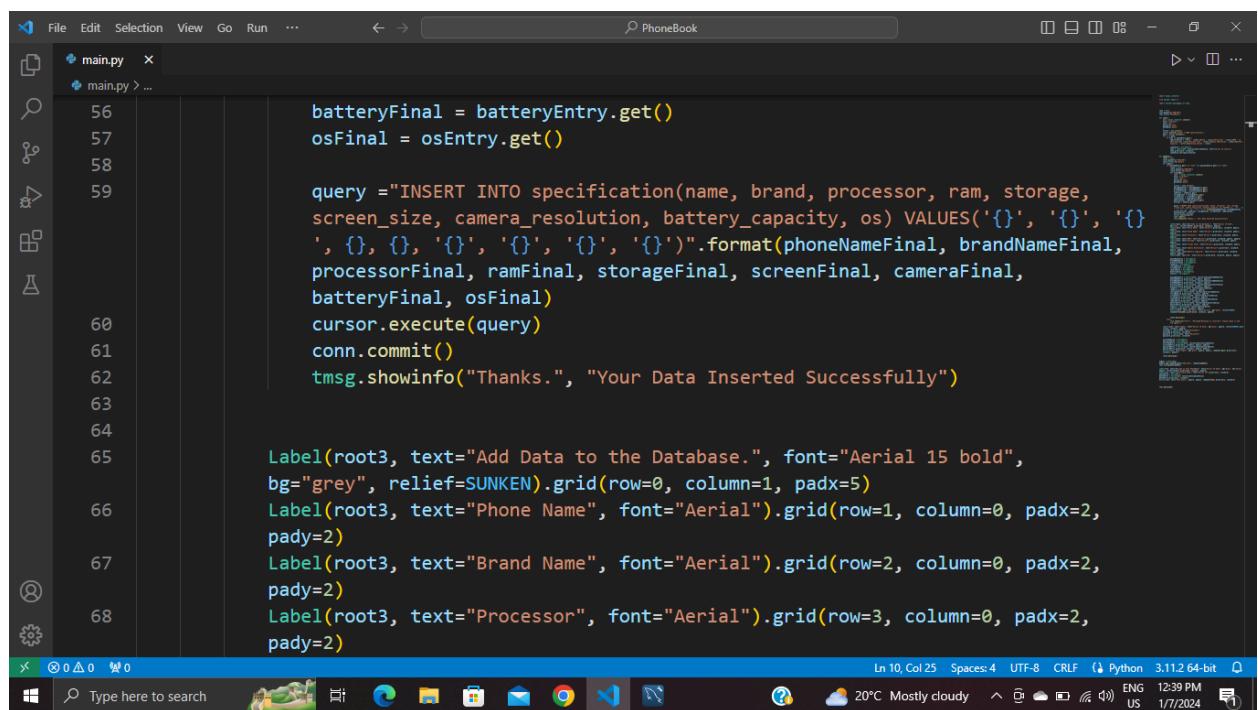
```
File Edit Selection View Go Run ... ← → ⌂ PhoneBook
main.py ×
main.py > ...
1 import mysql.connector
2
3 from tkinter import *
4
5 import tkinter.messagebox as tmsg
6
7
8
9 root = Tk()
10 root.geometry("400x229")
11 root.title("PhoneBook")
12
13 def show():
14     con = mysql.connector.connect(
15         host='localhost',
16         user='root',
17         password='1234',
18         database='phone'
19     )
20     cursor = con.cursor()
21     cursor.execute('SELECT * FROM specification')
Ln 10, Col 25  Spaces:4  UTF-8  CRLF  Python  3.11.2 64-bit  12:38 PM  1/7/2024
Type here to search 20°C Mostly cloudy  ENG US
```



```
File Edit Selection View Go Run ... ← → ⌂ PhoneBook
main.py ×
main.py > ...
21 cursor.execute('SELECT * FROM specification')
22 data = cursor.fetchall()
23 for i in data:
24     if i[0] == phoneEntry.get():
25         specification = f"Name : {i[1]}\nBrand : {i[2]}\nProcessor : {i[3]}\nStorage {i[4]}\nScreen Size : {i[5]}\nCamera Resolution : {i[6]}\nBattery Capacity : {i[7]}\nOperating System : {i[8]}"
26
27     showValue = StringVar()
28     show = Label(root, textvariable=showValue, font="Aerial 10 italic")
29     show.grid(row=2, column=1)
30     showValue.set(specification)
31
32 def addData():
33     root2 = Tk()
34     root2.geometry("250x150")
35     root2.title("Add Data")
36     def login():
37         if usernameEntry.get() == "user" and passwordEntry.get() == "1234":
38             root3 = Tk()
39             root3.geometry("600x400")
Ln 10, Col 25  Spaces:4  UTF-8  CRLF  Python  3.11.2 64-bit  12:38 PM  1/7/2024
Type here to search 20°C Mostly cloudy  ENG US
```



```
File Edit Selection View Go Run ... ↶ ↷ PhoneBook
main.py x
main.py > ...
def login():
    if usernameEntry.get() == "user" and passwordEntry.get() == "1234":
        root3 = Tk()
        root3.geometry("600x400")
        root3.title("Add Data")
    def finalAdd():
        conn = mysql.connector.connect(
            host='localhost',
            user='root',
            password='1234',
            database='phone'
        )
        cursor = conn.cursor()
        phoneNameFinal = phoneNameEntry.get()
        brandNameFinal = brandNameEntry.get()
        processorFinal = processorEntry.get()
        ramFinal = ramEntry.get()
        storageFinal = storageEntry.get()
        screenFinal = screenEntry.get()
        cameraFinal = cameraEntry.get()
        batteryFinal = batteryEntry.get()
Ln 10, Col 25 Spaces: 4 UTF-8 Python 3.11.2 64-bit
Windows Type here to search 20°C Mostly cloudy ENG 12:38 PM US 1/7/2024
```



```
batteryFinal = batteryEntry.get()
osFinal = osEntry.get()

query ="INSERT INTO specification(name, brand, processor, ram, storage,
screen_size, camera_resolution, battery_capacity, os) VALUES('{}', '{}', '{}',
 '{}', '{}', '{}', '{}')".format(phoneNameFinal, brandNameFinal,
processorFinal, ramFinal, storageFinal, screenFinal, cameraFinal,
batteryFinal, osFinal)
cursor.execute(query)
conn.commit()
tmsg.showinfo("Thanks.", "Your Data Inserted Successfully")

Label(root3, text="Add Data to the Database.", font="Arial 15 bold",
bg="grey", relief=SUNKEN).grid(row=0, column=1, padx=5)
Label(root3, text="Phone Name", font="Arial").grid(row=1, column=0, padx=2,
pady=2)
Label(root3, text="Brand Name", font="Arial").grid(row=2, column=0, padx=2,
pady=2)
Label(root3, text="Processor", font="Arial").grid(row=3, column=0, padx=2,
pady=2)
Ln 10, Col 25 Spaces: 4 UTF-8 Python 3.11.2 64-bit
Windows Type here to search 20°C Mostly cloudy ENG 12:39 PM US 1/7/2024
```

```
File Edit Selection View Go Run ... ↶ ↷ PhoneBook
main.py x
main.py > ...
68     Label(root3, text="Processor", font="Arial").grid(row=3, column=0, padx=2, pady=2)
69     Label(root3, text="RAM", font="Arial").grid(row=4, column=0, padx=2, pady=2)
70     Label(root3, text="Storage", font="Arial").grid(row=5, column=0, padx=2, pady=2)
71     Label(root3, text="Screen Size", font="Arial").grid(row=6, column=0, padx=2, pady=2)
72     Label(root3, text="Camera Resolution", font="Arial").grid(row=7, column=0, padx=2, pady=2)
73     Label(root3, text="Battery Capacity", font="Arial").grid(row=8, column=0, padx=2, pady=2)
74     Label(root3, text="OS", font="Arial").grid(row=9, column=0, padx=2, pady=2)

75
76 phoneNameValue = StringVar()
77 brandNameValue = StringVar()
78 processorValue = StringVar()
79 ramValue = StringVar()
80 storageValue = StringVar()
81 screenValue = StringVar()
82 cameraValue = StringVar()
83 batteryValue = StringVar()

Ln 10, Col 25 Spaces: 4 UTF-8 CRLF Python 3.11.2 64-bit
Type here to search 20°C Mostly cloudy ENG 12:39 PM US 1/7/2024
```

```
File Edit Selection View Go Run ... ↶ ↷ PhoneBook
main.py x
main.py > ...
83     batteryValue = StringVar()
84     osValue = StringVar()
85
86     phoneNameEntry = Entry(root3, textvariable=phoneNameValue)
87     phoneNameEntry.grid(row=1, column=1, padx=4)
88     brandNameEntry = Entry(root3, textvariable=brandNameValue)
89     brandNameEntry.grid(row=2, column=1, padx=4)
90     processorEntry = Entry(root3, textvariable=processorValue)
91     processorEntry.grid(row=3, column=1, padx=4)
92     ramEntry = Entry(root3, textvariable=ramValue)
93     ramEntry.grid(row=4, column=1, padx=4)
94     storageEntry = Entry(root3, textvariable=storageValue)
95     storageEntry.grid(row=5, column=1, padx=4)
96     screenEntry = Entry(root3, textvariable=screenValue)
97     screenEntry.grid(row=6, column=1, padx=4)
98     cameraEntry = Entry(root3, textvariable=cameraValue)
99     cameraEntry.grid(row=7, column=1, padx=4)
100    batteryEntry = Entry(root3, textvariable=batteryValue)
101    batteryEntry.grid(row=8, column=1, padx=4)
102    osEntry = Entry(root3, textvariable=osValue)
103    osEntry.grid(row=9, column=1, padx=4)

Ln 10, Col 25 Spaces: 4 UTF-8 CRLF Python 3.11.2 64-bit
Type here to search 20°C Mostly cloudy ENG 12:39 PM US 1/7/2024
```

The screenshot shows a Windows desktop environment. In the foreground, a code editor window is open, displaying Python code for a GUI application. The title bar of the code editor says "PhoneBook". The code itself is a script named "main.py" which contains logic for a login screen and a main menu screen. The code uses Tkinter for the GUI and includes imports for os, Button, Label, StringVar, and Entry. The script handles user input for a username and password, and provides feedback through messages and button presses. The code editor has a dark theme with syntax highlighting for Python keywords and comments.

```
File Edit Selection View Go Run ... ← → ⌘ PhoneBook
main.py ×
main.py > ...
103     osEntry.grid(row=9, column=1, padx=4)
104     Button(root3, text="Add Data", font="Aerial", bg="grey", relief=SUNKEN,
105             command=finalAdd).grid(row=10, column=1, pady=8)
106
107         root3.mainloop()
108     else:
109         tmsg.showerror("Error", "Username/Password is incorrect. Please check it and
110             try again.")
111
112     Label(root2, text="LogIn", font="Aerial 10 bold", bg="grey", padx=5, relief=SUNKEN).grid
113         (row=0, column=1, pady=8)
114     username = Label(root2, text="Username")
115     username.grid(row=1, column=0)
116     password = Label(root2, text="Password")
117     password.grid(row=2, column=0)
118
119     usernameValue = StringVar()
120     passwordValue = StringVar()
121     usernameEntry = Entry(root2, textvariable=usernameValue)
122     usernameEntry.grid(row=1, column=1, padx=2, pady=4)
```

The screenshot shows a Python application window titled "PhoneBook". The main area displays the following code:

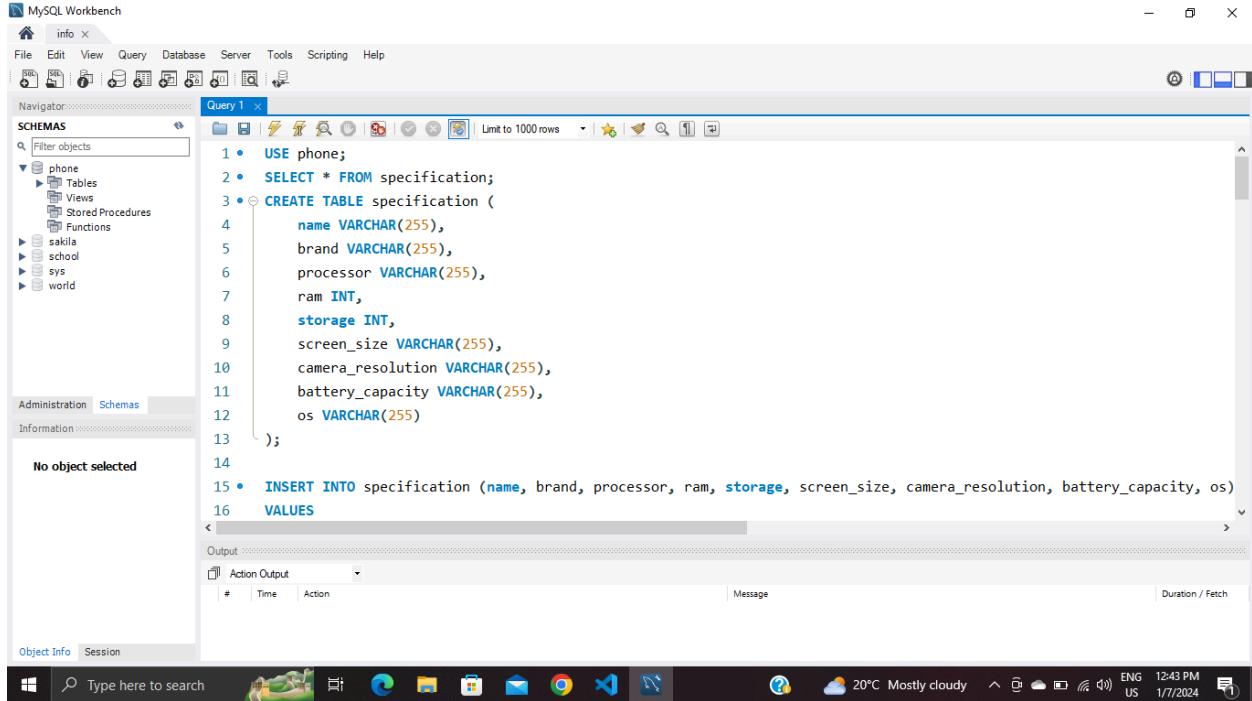
```
File Edit Selection View Go Run ... ← → PhoneBook main.py x main.py > ... 120     usernameEntry.grid(row=1, column=1, padx=2, pady=4) 121     passwordEntry = Entry(root2, textvariable=passwordValue) 122     passwordEntry.grid(row=2, column=1, padx=2, pady=4) 123     Button(root2, text="Login", bg="grey", padx=2, pady=2, command=login).grid(row=3, column=1, pady=5) 124 125     root2.mainloop() 126 127 128 myMenu = Menu(root) 129 myMenu.add_command(label="Add Data", command=addData) 130 root.config(menu=myMenu) 131 132 Label(root, text="Welcome to this PhoneBook", font="Aerial 10 bold", bg="grey", fg="white", pady=5, relief=SUNKEN).grid(row=0, column=1, pady=8) 133 Label(root, text="Enter Phone Name", font="Aerial 10").grid(row=1, column=0) 134 phoneValue = StringVar() 135 phoneEntry = Entry(root, textvariable=phoneValue) 136 phoneEntry.grid(row=1, column=1) 137 Button(root, text="Show Specs", padx=5, pady=4, command=show).grid(row=1, column=2) 138
```

The screenshot shows a Windows desktop with a code editor window open. The window title is "PhoneBook". The code editor displays the following Python script:

```
130     root.config(menu=myMenu)
131
132     Label(root, text="Welcome to this PhoneBook", font="Aerial 10 bold", bg="grey", fg="white",
133           pady=5, relief=SUNKEN).grid(row=0, column=1, pady=8)
134     Label(root, text="Enter Phone Name", font="Aerial 10").grid(row=1, column=0)
135     phoneValue = StringVar()
136     phoneEntry = Entry(root, textvariable=phoneValue)
137     phoneEntry.grid(row=1, column=1)
138
139
140
141     root.mainloop()
```

The code uses the Tkinter library to create a simple graphical user interface (GUI) for a phone book application. It includes a main menu, a welcome label, an entry field for phone names, and a button to show specifications.

SQL (Database)

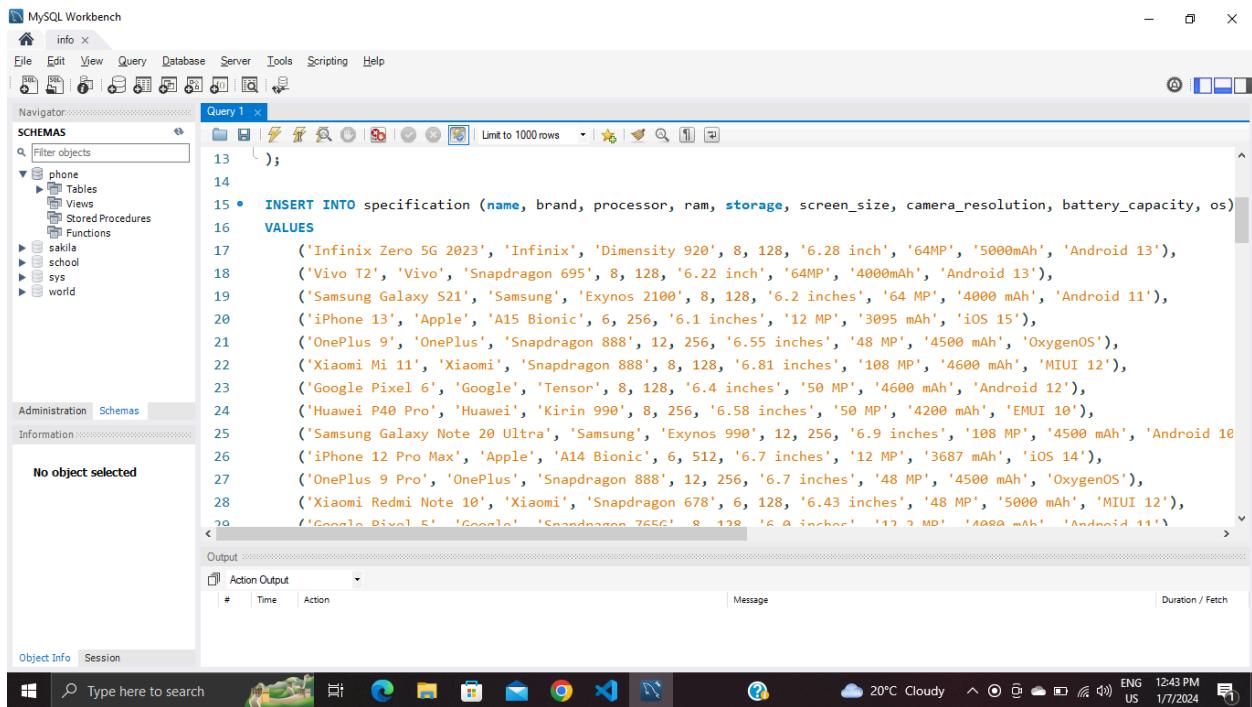


The screenshot shows the MySQL Workbench interface. In the Navigator pane, the 'schemas' section is expanded, showing 'phone' as the current database. The 'Query' tab is active, displaying the following SQL code:

```
1 • USE phone;
2 • SELECT * FROM specification;
3 • CREATE TABLE specification (
4     name VARCHAR(255),
5     brand VARCHAR(255),
6     processor VARCHAR(255),
7     ram INT,
8     storage INT,
9     screen_size VARCHAR(255),
10    camera_resolution VARCHAR(255),
11    battery_capacity VARCHAR(255),
12    os VARCHAR(255)
13 );
14
15 • INSERT INTO specification (name, brand, processor, ram, storage, screen_size, camera_resolution, battery_capacity, os)
16    VALUES
```

The 'Output' pane below the query editor shows the results of the last executed statement, which is the creation of the 'specification' table. The table structure is as follows:

name	brand	processor	ram	storage	screen_size	camera_resolution	battery_capacity	os
Infinix Zero 5G 2023	Infinix	Dimensity 920	8	128	'6.28 inch'	'64MP'	'5000mAh'	'Android 13'
Vivo T2	Vivo	Snapdragon 695	8	128	'6.22 inch'	'64MP'	'4000mAh'	'Android 13'
Samsung Galaxy S21	Samsung	Exynos 2100	8	128	'6.2 inches'	'64 MP'	'4000 mAh'	'Android 11'
iPhone 13	Apple	A15 Bionic	6	256	'6.1 inches'	'12 MP'	'3095 mAh'	'iOS 15'
OnePlus 9	OnePlus	Snapdragon 888	12	256	'6.55 inches'	'48 MP'	'4500 mAh'	'OxygenOS'
Xiaomi Mi 11	Xiaomi	Snapdragon 888	8	128	'6.81 inches'	'108 MP'	'4600 mAh'	'MIUI 12'
Google Pixel 6	Google	Tensor	8	128	'6.4 inches'	'50 MP'	'4600 mAh'	'Android 12'
Huawei P40 Pro	Huawei	Kirin 990	8	256	'6.58 inches'	'50 MP'	'4200 mAh'	'EMUI 10'
Samsung Galaxy Note 20 Ultra	Samsung	Exynos 990	12	256	'6.9 inches'	'108 MP'	'4500 mAh'	'Android 10'
iPhone 12 Pro Max	Apple	A14 Bionic	6	512	'6.7 inches'	'12 MP'	'3687 mAh'	'iOS 14'
OnePlus 9 Pro	OnePlus	Snapdragon 888	12	256	'6.7 inches'	'48 MP'	'4500 mAh'	'OxygenOS'
Xiaomi Redmi Note 10	Xiaomi	Snapdragon 678	6	128	'6.43 inches'	'48 MP'	'5000 mAh'	'MIUI 12'
Google Pixel 5	Google	Snapdragon 765G	8	128	'6.8 inches'	'12.2 MP'	'4880 mAh'	'Android 11'



The screenshot shows the MySQL Workbench interface, identical to the first one but with more rows in the 'specification' table. The 'Query' tab is active, displaying the following SQL code:

```
13 );
14
15 • INSERT INTO specification (name, brand, processor, ram, storage, screen_size, camera_resolution, battery_capacity, os)
16    VALUES
17    ('Infinix Zero 5G 2023', 'Infinix', 'Dimensity 920', 8, 128, '6.28 inch', '64MP', '5000mAh', 'Android 13'),
18    ('Vivo T2', 'Vivo', 'Snapdragon 695', 8, 128, '6.22 inch', '64MP', '4000mAh', 'Android 13'),
19    ('Samsung Galaxy S21', 'Samsung', 'Exynos 2100', 8, 128, '6.2 inches', '64 MP', '4000 mAh', 'Android 11'),
20    ('iPhone 13', 'Apple', 'A15 Bionic', 6, 256, '6.1 inches', '12 MP', '3095 mAh', 'iOS 15'),
21    ('OnePlus 9', 'OnePlus', 'Snapdragon 888', 12, 256, '6.55 inches', '48 MP', '4500 mAh', 'OxygenOS'),
22    ('Xiaomi Mi 11', 'Xiaomi', 'Snapdragon 888', 8, 128, '6.81 inches', '108 MP', '4600 mAh', 'MIUI 12'),
23    ('Google Pixel 6', 'Google', 'Tensor', 8, 128, '6.4 inches', '50 MP', '4600 mAh', 'Android 12'),
24    ('Huawei P40 Pro', 'Huawei', 'Kirin 990', 8, 256, '6.58 inches', '50 MP', '4200 mAh', 'EMUI 10'),
25    ('Samsung Galaxy Note 20 Ultra', 'Samsung', 'Exynos 990', 12, 256, '6.9 inches', '108 MP', '4500 mAh', 'Android 10'),
26    ('iPhone 12 Pro Max', 'Apple', 'A14 Bionic', 6, 512, '6.7 inches', '12 MP', '3687 mAh', 'iOS 14'),
27    ('OnePlus 9 Pro', 'OnePlus', 'Snapdragon 888', 12, 256, '6.7 inches', '48 MP', '4500 mAh', 'OxygenOS'),
28    ('Xiaomi Redmi Note 10', 'Xiaomi', 'Snapdragon 678', 6, 128, '6.43 inches', '48 MP', '5000 mAh', 'MIUI 12'),
29    ('Google Pixel 5', 'Google', 'Snapdragon 765G', 8, 128, '6.8 inches', '12.2 MP', '4880 mAh', 'Android 11')
```

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Query 1

```

28     ('Xiaomi Redmi Note 10', 'Xiaomi', 'Snapdragon 678', 6, 128, '6.43 inches', '48 MP', '5000 mAh', 'MIUI 12'),
29     ('Google Pixel 5', 'Google', 'Snapdragon 765G', 8, 128, '6.0 inches', '12.2 MP', '4080 mAh', 'Android 11'),
30     ('Samsung Galaxy A52', 'Samsung', 'Snapdragon 720G', 6, 128, '6.5 inches', '64 MP', '4500 mAh', 'Android 11'),
31     ('iPhone SE (2020)', 'Apple', 'A13 Bionic', 3, 64, '4.7 inches', '12 MP', '1821 mAh', 'iOS 13'),
32     ('OnePlus Nord', 'OnePlus', 'Snapdragon 765G', 8, 128, '6.44 inches', '48 MP', '4115 mAh', 'OxygenOS'),
33     ('Xiaomi Poco X3 NFC', 'Xiaomi', 'Snapdragon 732G', 6, 64, '6.67 inches', '64 MP', '6000 mAh', 'MIUI 12'),
34     ('Google Pixel 4a', 'Google', 'Snapdragon 730G', 6, 128, '5.81 inches', '12.2 MP', '3140 mAh', 'Android 10'),
35     ('Samsung Galaxy Z Fold 2', 'Samsung', 'Snapdragon 865+', 12, 256, '7.6 inches', '12 MP', '4500 mAh', 'Android 10'),
36     ('iPhone 11', 'Apple', 'A13 Bionic', 4, 64, '6.1 inches', '12 MP', '3110 mAh', 'iOS 13'),
37     ('OnePlus 8T', 'OnePlus', 'Snapdragon 865', 8, 128, '6.55 inches', '48 MP', '4500 mAh', 'OxygenOS'),
38     ('Xiaomi Mi 10T Pro', 'Xiaomi', 'Snapdragon 865', 8, 128, '6.67 inches', '108 MP', '5000 mAh', 'MIUI 12'),
39     ('Google Pixel 3a', 'Google', 'Snapdragon 670', 4, 64, '5.6 inches', '12.2 MP', '3000 mAh', 'Android 9'),
40     ('Samsung Galaxy S20 Ultra', 'Samsung', 'Exynos 990', 12, 128, '6.9 inches', '108 MP', '5000 mAh', 'Android 10'),
41     ('iPhone XR', 'Apple', 'A12 Bionic', 3, 64, '6.1 inches', '12 MP', '2942 mAh', 'iOS 12'),
42     ('OnePlus 7 Pro', 'OnePlus', 'Snapdragon 855', 6, 128, '6.67 inches', '48 MP', '4000 mAh', 'OxygenOS'),
43     ('Xiaomi Redmi Note 9', 'Xiaomi', 'MediaTek Helio G85', 4, 128, '6.53 inches', '48 MP', '5020 mAh', 'MIUI 11'),
44     ('Google Pixel A XL', 'Google', 'Snapdragon 855', 6, 64, '6.3 inches', '12.2 MP', '3700 mAh', 'Android 10')

```

Output:

Action Output

Time Action Message Duration / Fetch

Object Info Session

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Query 1

```

44     ('Google Pixel 4 XL', 'Google', 'Snapdragon 855', 6, 64, '6.3 inches', '12.2 MP', '3700 mAh', 'Android 10'),
45     ('Samsung Galaxy A71', 'Samsung', 'Snapdragon 730', 6, 128, '6.7 inches', '64 MP', '4500 mAh', 'Android 10'),
46     ('iPhone XS', 'Apple', 'A12 Bionic', 4, 64, '5.8 inches', '12 MP', '2658 mAh', 'iOS 12'),
47     ('OnePlus Nord CE 5G', 'OnePlus', 'Snapdragon 750G', 6, 128, '6.43 inches', '64 MP', '4500 mAh', 'OxygenOS'),
48     ('Xiaomi Mi 11 Ultra', 'Xiaomi', 'Snapdragon 888', 12, 256, '6.81 inches', '50 MP', '5000 mAh', 'MIUI 12'),
49     ('Google Pixel 3', 'Google', 'Snapdragon 845', 4, 64, '5.5 inches', '12.2 MP', '2915 mAh', 'Android 9'),
50     ('Samsung Galaxy Z Flip', 'Samsung', 'Snapdragon 855+', 8, 256, '6.7 inches', '12 MP', '3300 mAh', 'Android 10'),
51     ('iPhone 11 Pro', 'Apple', 'A13 Bionic', 4, 64, '5.8 inches', '12 MP', '3190 mAh', 'iOS 13'),
52     ('OnePlus 7T', 'OnePlus', 'Snapdragon 855+', 8, 128, '6.55 inches', '48 MP', '3800 mAh', 'OxygenOS'),
53     ('Xiaomi Redmi Note 8', 'Xiaomi', 'Snapdragon 665', 4, 64, '6.3 inches', '48 MP', '4000 mAh', 'MIUI 10'),
54     ('Google Pixel 2 XL', 'Google', 'Snapdragon 835', 4, 64, '6.0 inches', '12.2 MP', '3520 mAh', 'Android 8.0'),
55     ('Samsung Galaxy A50', 'Samsung', 'Exynos 9610', 4, 64, '6.4 inches', '25 MP', '4000 mAh', 'Android 9'),
56     ('iPhone X', 'Apple', 'A11 Bionic', 3, 64, '5.8 inches', '12 MP', '2716 mAh', 'iOS 11'),
57     ('OnePlus 6T', 'OnePlus', 'Snapdragon 845', 6, 128, '6.41 inches', '16 MP', '3700 mAh', 'OxygenOS'),
58     ('Xiaomi Poco F3', 'Xiaomi', 'Snapdragon 870', 6, 128, '6.67 inches', '48 MP', '4520 mAh', 'MIUI 12'),
59     ('Google Pixel 3 XL', 'Google', 'Snapdragon 845', 4, 64, '6.3 inches', '12.2 MP', '3430 mAh', 'Android 9'),
60     ('Samsung Galaxy A21s', 'Samsung', 'Exynos 850', 4, 64, '6.5 inches', '18 MP', '5000 mAh', 'Android 10')

```

Output:

Action Output

Time Action Message Duration / Fetch

Object Info Session

```
MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
Navigator: Schemas
Query 1 | Limit to 1000 rows | Filter objects | Search | Refresh | Open | Close
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51
52
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58
59
60
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69
70 • INSERT INTO specification (name, brand, processor, ram, storage, screen_size, camera_resolution, battery_capacity, os)
VALUES
    ('Samsung Galaxy A21s', 'Samsung', 'Exynos 850', 4, 64, '6.5 inches', '48 MP', '5000 mAh', 'Android 10'),
    ('iPhone 8', 'Apple', 'A11 Bionic', 2, 64, '4.7 inches', '12 MP', '1821 mAh', 'iOS 11'),
    ('OnePlus 6', 'OnePlus', 'Snapdragon 845', 6, 64, '6.28 inches', '16 MP', '3300 mAh', 'OxygenOS'),
    ('Xiaomi Mi 10', 'Xiaomi', 'Snapdragon 865', 8, 128, '6.67 inches', '108 MP', '4780 mAh', 'MIUI 12'),
    ('Google Pixel 3a XL', 'Google', 'Snapdragon 670', 4, 64, '6.0 inches', '12.2 MP', '3700 mAh', 'Android 9'),
    ('Samsung Galaxy S10', 'Samsung', 'Exynos 9820', 8, 128, '6.1 inches', '12 MP', '3400 mAh', 'Android 9'),
    ('iPhone 7', 'Apple', 'A10 Fusion', 2, 32, '4.7 inches', '12 MP', '1960 mAh', 'iOS 10');
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MySQL Workbench
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1 ('Google Pixel 3a', 'Google', 'Snapdragon 670', 4, 64, '5.6 inches', '12.2 MP', '3000 mAh', 'Android 9'),
2 ('Samsung Galaxy A10', 'Samsung', 'Exynos 7884', 2, 32, '6.2 inches', '13 MP', '3400 mAh', 'Android 9'),
3 ('iPhone 11 Pro Max', 'Apple', 'A13 Bionic', 6, 512, '6.5 inches', '12 MP', '3969 mAh', 'iOS 13'),
4 ('OnePlus 6', 'OnePlus', 'Snapdragon 845', 8, 256, '6.28 inches', '16 MP', '3300 mAh', 'OxygenOS'),
5 ('Xiaomi Poco X2', 'Xiaomi', 'Snapdragon 730G', 6, 128, '6.67 inches', '64 MP', '4500 mAh', 'MIUI 11'),
6 ('Google Pixel 4a', 'Google', 'Snapdragon 730G', 6, 128, '5.81 inches', '12.2 MP', '3140 mAh', 'Android 10'),
7 ('Samsung Galaxy A42', 'Samsung', 'Snapdragon 750G', 4, 128, '6.6 inches', '48 MP', '5000 mAh', 'Android 10'),
8 ('iPhone 12 Pro', 'Apple', 'A14 Bionic', 6, 256, '6.1 inches', '12 MP', '2815 mAh', 'iOS 14'),
9 ('OnePlus 5T', 'OnePlus', 'Snapdragon 835', 8, 128, '6.01 inches', '16 MP', '3300 mAh', 'OxygenOS'),
10 ('Xiaomi Mi 10 Lite', 'Xiaomi', 'Snapdragon 765G', 6, 128, '6.57 inches', '48 MP', '4160 mAh', 'MIUI 11'),
11 ('Google Pixel 5a', 'Google', 'Snapdragon 765G', 6, 128, '6.34 inches', '12.2 MP', '4680 mAh', 'Android 11'),
12 ('Samsung Galaxy A51', 'Samsung', 'Exynos 9611', 6, 128, '6.5 inches', '48 MP', '4000 mAh', 'Android 10'),
13 ('iPhone XR', 'Apple', 'A12 Bionic', 3, 64, '6.1 inches', '12 MP', '2942 mAh', 'iOS 12'),
14 ('OnePlus 7T Pro', 'OnePlus', 'Snapdragon 855+', 8, 256, '6.67 inches', '48 MP', '4085 mAh', 'OxygenOS'),
15 ('Xiaomi Redmi Note 9 Pro', 'Xiaomi', 'Snapdragon 720G', 6, 128, '6.67 inches', '64 MP', '5020 mAh', 'MIUI 11'),
16 ('Google Pixel 2', 'Google', 'Snapdragon 835', 4, 64, '5.0 inches', '12.2 MP', '2700 mAh', 'Android 8.0'),
17 ('Samsung Galaxy S9', 'Samsung', 'Exynos 9810', 4, 64, '5.8 inches', '12 MP', '3000 mAh', 'Android 8.0')
< >
Output
Action Output
# Time Action
Message Duration / Fetch
Object Info Session
Type here to search
20°C Cloudy ENG US 12:45 PM 1/7/2024
```

```
MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
Navigator: Schemas
Query 1
Limit to 1000 rows
1 ('Samsung Galaxy S9', 'Samsung', 'Exynos 9810', 4, 64, '5.8 inches', '12 MP', '3000 mAh', 'Android 8.0'),
2 ('iPhone 8 Plus', 'Apple', 'A11 Bionic', 3, 64, '5.5 inches', '12 MP', '2691 mAh', 'iOS 11'),
3 ('OnePlus Nord CE', 'OnePlus', 'Snapdragon 750G', 6, 128, '6.43 inches', '64 MP', '4500 mAh', 'OxygenOS'),
4 ('Xiaomi Redmi Note 5 Pro', 'Xiaomi', 'Snapdragon 636', 4, 64, '5.99 inches', '12 MP', '4000 mAh', 'MIUI 9'),
5 ('Google Pixel 3a XL', 'Google', 'Snapdragon 670', 4, 64, '6.0 inches', '12.2 MP', '3700 mAh', 'Android 9'),
6 ('Samsung Galaxy A12', 'Samsung', 'Mediatek Helio P35', 4, 64, '6.5 inches', '48 MP', '5000 mAh', 'Android 10'),
7 ('iPhone 8', 'Apple', 'A11 Bionic', 2, 64, '4.7 inches', '12 MP', '1821 mAh', 'iOS 11'),
8 ('OnePlus 6T McLaren Edition', 'OnePlus', 'Snapdragon 845', 10, 256, '6.41 inches', '16 MP', '3700 mAh', 'OxygenOS'),
9 ('Xiaomi Mi 11 Lite', 'Xiaomi', 'Snapdragon 732G', 6, 128, '6.55 inches', '64 MP', '4250 mAh', 'MIUI 12'),
10 ('Google Pixel 4 XL', 'Google', 'Snapdragon 855', 6, 128, '6.3 inches', '12.2 MP', '3700 mAh', 'Android 10'),
11 ('Samsung Galaxy M31', 'Samsung', 'Exynos 9611', 6, 128, '6.4 inches', '64 MP', '6000 mAh', 'Android 10'),
12 ('iPhone 7 Plus', 'Apple', 'A10 Fusion', 3, 128, '5.5 inches', '12 MP', '2900 mAh', 'iOS 10'),
13 ('OnePlus 5', 'OnePlus', 'Snapdragon 835', 8, 128, '5.5 inches', '16 MP', '3300 mAh', 'OxygenOS'),
14 ('Xiaomi Redmi Note 6 Pro', 'Xiaomi', 'Snapdragon 636', 6, 64, '6.26 inches', '12 MP', '4000 mAh', 'MIUI 10'),
15 ('Google Pixel 2', 'Google', 'Snapdragon 835', 4, 128, '5.0 inches', '12.2 MP', '2700 mAh', 'Android 8.0'),
16 ('Samsung Galaxy A71 5G', 'Samsung', 'Exynos 980', 6, 128, '6.7 inches', '64 MP', '4500 mAh', 'Android 10'),
17 ('iPhone SE', 'Apple', 'A10', 2, 64, '4.7 inches', '12 MP', '1715 mAh', 'iOS 9')
< >
Output
Action Output
# Time Action
Message Duration / Fetch
Object Info Session
Type here to search
20°C Cloudy ENG US 12:46 PM 1/7/2024
```

MySQL Workbench

File Edit View Query Database Server Tools Help

Navigator: Schemas

Query 1

```

109 ('OnePlus 6T McLaren Edition', 'OnePlus', 'Snapdragon 845', 10, 256, '6.41 inches', '16 MP', '3700 mAh', 'OxygenOS'),
110 ('Xiaomi Mi 11 Lite', 'Xiaomi', 'Snapdragon 732G', 6, 128, '6.55 inches', '64 MP', '4250 mAh', 'MIUI 12'),
111 ('Google Pixel 4 XL', 'Google', 'Snapdragon 855', 6, 128, '6.3 inches', '12.2 MP', '3700 mAh', 'Android 10'),
112 ('Samsung Galaxy M31', 'Samsung', 'Exynos 9611', 6, 128, '6.4 inches', '64 MP', '6000 mAh', 'Android 10'),
113 ('iPhone 7 Plus', 'Apple', 'A10 Fusion', 3, 128, '5.5 inches', '12 MP', '2900 mAh', 'iOS 10'),
114 ('OnePlus 5', 'OnePlus', 'Snapdragon 835', 8, 128, '5.5 inches', '16 MP', '3300 mAh', 'OxygenOS'),
115 ('Xiaomi Redmi Note 6 Pro', 'Xiaomi', 'Snapdragon 636', 6, 64, '6.26 inches', '12 MP', '4000 mAh', 'MIUI 10'),
116 ('Google Pixel 2', 'Google', 'Snapdragon 835', 4, 128, '5.0 inches', '12.2 MP', '2700 mAh', 'Android 8.0'),
117 ('Samsung Galaxy A71 5G', 'Samsung', 'Exynos 980', 6, 128, '6.7 inches', '64 MP', '4500 mAh', 'Android 10'),
118 ('iPhone 6s', 'Apple', 'A9', 2, 64, '4.7 inches', '12 MP', '1715 mAh', 'iOS 9'),
119 ('OnePlus 3', 'OnePlus', 'Snapdragon 820', 6, 64, '5.5 inches', '16 MP', '3000 mAh', 'OxygenOS'),
120 ('Xiaomi Mi Note 10', 'Xiaomi', 'Snapdragon 730G', 6, 128, '6.47 inches', '108 MP', '5260 mAh', 'MIUI 11'),
121 ('Google Pixel 3a', 'Google', 'Snapdragon 670', 4, 64, '5.6 inches', '12.2 MP', '3000 mAh', 'Android 9');
122
123
124

```

No object selected

Object Info Session

Windows Taskbar: Type here to search, File Explorer, Edge, Google Chrome, Mail, Microsoft Store, Task View, Cloud, 20°C Cloudy, ENG US 12:46 PM 1/7/2024

MySQL 8.0 Command Line Client

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 132

Server version: 8.0.35 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> USE phone;
Database changed
mysql> SELECT * FROM specification;
```

name	brand	processor	ram	storage	screen_size	camera_resolution	battery_capacity	os
Infinix Zero 5G 2023	Infinix	Dimensity 920	8	128	6.28 inch	64MP	5000mAh	Android 13
Vivo T2	Vivo	Snapdragon 695	8	128	6.22 inches	64MP	4000mAh	Android 13
Samsung Galaxy S21	Samsung	Exynos 2100	8	128	6.2 inches	64 MP	4000 mAh	Android 11
iPhone 13	Apple	A15 Bionic	6	256	6.1 inches	12 MP	3095 mAh	iOS 15
OnePlus 9	OnePlus	Snapdragon 888	12	256	6.55 inches	48 MP	4500 mAh	OxygenOS
Xiaomi Mi 11	Xiaomi	Snapdragon 888	8	128	6.81 inches	108 MP	4600 mAh	MIUI 12
Google Pixel 6	Google	Tensor	8	128	6.4 inches	50 MP	4600 mAh	Android 12
Huawei P40 Pro	Huawei	Kirin 990	8	256	6.58 inches	50 MP	4200 mAh	EMUI 10
Samsung Galaxy Note 20 Ultra	Samsung	Exynos 990	12	256	6.9 inches	108 MP	4500 mAh	Android 10
iPhone 12 Pro Max	Apple	A14 Bionic	6	512	6.7 inches	12 MP	3687 mAh	iOS 14
OnePlus 9 Pro	OnePlus	Snapdragon 888	12	256	6.7 inches	48 MP	4500 mAh	OxygenOS
Xiaomi Redmi Note 10	Xiaomi	Snapdragon 678	6	128	6.43 inches	48 MP	5000 mAh	MIUI 12
Google Pixel 5	Google	Snapdragon 765G	8	128	6.0 inches	12.2 MP	4080 mAh	Android 11
Samsung Galaxy A52	Samsung	Snapdragon 720G	6	128	6.5 inches	64 MP	4500 mAh	Android 11
iPhone SE (2020)	Apple	A13 Bionic	3	64	4.7 inches	12 MP	1821 mAh	iOS 13
OnePlus Nord	OnePlus	Snapdragon 765G	8	128	6.44 inches	48 MP	4115 mAh	OxygenOS
Xiaomi Poco X3 NFC	Xiaomi	Snapdragon 732G	6	64	6.67 inches	64 MP	6000 mAh	MIUI 12
Google Pixel 4a	Google	Snapdragon 730G	6	128	5.81 inches	12.2 MP	3140 mAh	Android 10
Samsung Galaxy Z Fold 2	Samsung	Snapdragon 865+	12	256	7.6 inches	12 MP	4500 mAh	Android 10
iPhone 11	Apple	A13 Bionic	4	64	6.1 inches	12 MP	3110 mAh	iOS 13

Windows Taskbar: Type here to search, File Explorer, Edge, Google Chrome, Mail, Microsoft Store, Task View, Cloud, 20°C Cloudy, ENG IN 12:50 PM 1/7/2024

MySQL 8.0 Command Line Client									
Model	Brand	Processor	RAM	Screen Size	Camera	Battery	OS	Processor	RAM
iPhone 11	Samsung	Snapdragon 865+	12	256	7.6 inches	12 MP	4500 mAh	Android 10	iOS 13
OnePlus 8T	Apple	A13 Bionic	4	64	6.1 inches	12 MP	3110 mAh	OxygenOS	MIUI 12
Xiaomi Mi 10T Pro	OnePlus	Snapdragon 865	8	128	6.55 inches	48 MP	4500 mAh	MIUI 12	Android 9
Google Pixel 3a	Xiaomi	Snapdragon 865	8	128	6.67 inches	108 MP	5000 mAh	Android 10	Android 10
Samsung Galaxy S20 Ultra	Google	Snapdragon 670	4	64	5.6 inches	12.2 MP	3000 mAh	iOS 12	iOS 12
iPhone XR	Samsung	Exynos 990	12	128	6.9 inches	108 MP	5000 mAh	OxygenOS	MIUI 11
OnePlus 7 Pro	Apple	A12 Bionic	3	64	6.1 inches	12 MP	2942 mAh	Android 10	Android 10
Xiaomi Redmi Note 9	OnePlus	Snapdragon 855	6	128	6.67 inches	48 MP	4000 mAh	Android 10	Android 10
Google Pixel 4 XL	Xiaomi	MediaTek Helio G85	4	128	6.53 inches	48 MP	5020 mAh	iOS 13	iOS 13
Samsung Galaxy A71	Google	Snapdragon 855	6	64	6.3 inches	12.2 MP	3700 mAh	MIUI 11	MIUI 11
iPhone XS	Samsung	Snapdragon 730	6	128	6.7 inches	64 MP	4500 mAh	Android 10	Android 10
OnePlus Nord CE 5G	Apple	A12 Bionic	4	64	5.8 inches	12 MP	2658 mAh	iOS 12	iOS 12
Xiaomi Mi 11 Ultra	OnePlus	Snapdragon 750G	6	128	6.43 inches	64 MP	4500 mAh	OxygenOS	Android 9
Google Pixel 3	Xiaomi	Snapdragon 888	12	256	6.81 inches	50 MP	5000 mAh	MIUI 12	MIUI 12
Samsung Galaxy Z Flip	Google	Snapdragon 845	4	64	5.5 inches	12.2 MP	2915 mAh	Android 10	Android 10
iPhone 11 Pro	Samsung	Snapdragon 855+	8	256	6.7 inches	12 MP	3300 mAh	iOS 13	iOS 13
OnePlus 7T	Apple	A13 Bionic	4	64	5.8 inches	12 MP	3190 mAh	OxygenOS	MIUI 10
Xiaomi Redmi Note 8	OnePlus	Snapdragon 855+	8	128	6.55 inches	48 MP	3800 mAh	MIUI 10	MIUI 10
Google Pixel 2 XL	Xiaomi	Snapdragon 665	4	64	6.3 inches	48 MP	4000 mAh	Android 8.0	Android 8.0
Samsung Galaxy A50	Google	Snapdragon 835	4	64	6.0 inches	12.2 MP	3520 mAh	Android 9	Android 9
iPhone X	Samsung	Exynos 9610	4	64	6.4 inches	25 MP	4000 mAh	iOS 11	iOS 11
OnePlus 6T	Apple	A11 Bionic	3	64	5.8 inches	12 MP	2716 mAh	OxygenOS	MIUI 12
Xiaomi Poco F3	OnePlus	Snapdragon 845	6	128	6.41 inches	16 MP	3700 mAh	MIUI 12	MIUI 12
Google Pixel 3 XL	Xiaomi	Snapdragon 870	6	128	6.67 inches	48 MP	4520 mAh	Android 9	Android 9
Samsung Galaxy A21s	Google	Snapdragon 845	4	64	6.3 inches	12.2 MP	3430 mAh	Android 10	Android 10
iPhone 8	Samsung	Exynos 850	4	64	6.5 inches	48 MP	5000 mAh	iOS 10	iOS 10
OnePlus 6	Apple	A11 Bionic	2	64	4.7 inches	12 MP	1821 mAh	OxygenOS	MIUI 12
Xiaomi Mi 10	OnePlus	Snapdragon 845	6	64	6.28 inches	16 MP	3300 mAh	MIUI 12	MIUI 12
Google Pixel 3a XL	Xiaomi	Snapdragon 865	8	128	6.67 inches	108 MP	4780 mAh	Android 9	Android 9
Samsung Galaxy S10	Google	Snapdragon 670	4	64	6.0 inches	12.2 MP	3700 mAh	MIUI 10	MIUI 10
iPhone 7	Samsung	Exynos 9820	8	128	6.1 inches	12 MP	3400 mAh	Android 9	Android 9
Samsung Galaxy S10 Plus	Apple	A10 Fusion	2	32	4.7 inches	12 MP	1960 mAh	iOS 10	iOS 10
iPhone SE (2022)	Samsung	Exynos 9820	8	256	6.4 inches	12 MP	4100 mAh	Android 9	Android 9
OnePlus 8	Apple	A15 Bionic	4	128	4.7 inches	12 MP	1821 mAh	OxygenOS	MIUI 10
Xiaomi Redmi Note 8 Pro	OnePlus	Snapdragon 865	8	256	6.55 inches	48 MP	4300 mAh	MIUI 10	MIUI 10
Google Pixel 4	Xiaomi	MediaTek Helio G90T	6	128	6.53 inches	64 MP	4500 mAh	Android 10	Android 10
Samsung Galaxy A20	Google	Snapdragon 855	6	128	5.7 inches	16 MP	2800 mAh	Android 9	Android 9
iPhone 12 Mini	Samsung	Exynos 7884	3	32	6.4 inches	13 MP	4000 mAh	Android 10	Android 10
	Apple	A14 Bionic	4	256	5.4 inches	12 MP	2227 mAh	iOS 14	iOS 14

MySQL 8.0 Command Line Client									
Model	Brand	Processor	RAM	Screen Size	Camera	Battery	OS	Processor	RAM
iPhone 12 Mini	Apple	A14 Bionic	4	256	5.4 inches	12 MP	iOS 14		
OnePlus Nord 2	OnePlus	MediaTek Dimensity 1200	8	128	6.43 inches	50 MP	OxygenOS		
Xiaomi Mi 9	Xiaomi	Snapdragon 855	6	128	6.39 inches	48 MP	MIUI 10		
Google Pixel 3 XL	Google	Snapdragon 845	4	64	6.3 inches	12.2 MP	Android 9		
Samsung Galaxy A32	Samsung	Mediatek Helio G80	4	128	6.4 inches	64 MP	Android 11		
iPhone 13 Pro	Apple	A15 Bionic	6	512	6.1 inches	12 MP	iOS 15		
OnePlus 7	OnePlus	Snapdragon 855	8	256	6.41 inches	48 MP	OxygenOS		
Xiaomi Redmi Note 7	Xiaomi	Snapdragon 660	4	64	6.3 inches	48 MP	MIUI 10		
Google Pixel 3a	Google	Snapdragon 670	4	64	5.6 inches	12.2 MP	Android 9		
Samsung Galaxy A10	Samsung	Exynos 7884	2	32	6.2 inches	13 MP	Android 9		
iPhone 11 Pro Max	Apple	A13 Bionic	6	512	6.5 inches	12 MP	iOS 13		
OnePlus 6	OnePlus	Snapdragon 845	8	256	6.28 inches	16 MP	OxygenOS		
Xiaomi Poco X2	Xiaomi	Snapdragon 730G	6	128	6.67 inches	64 MP	MIUI 11		
Google Pixel 4a	Google	Snapdragon 730G	6	128	5.81 inches	12.2 MP	Android 10		
Samsung Galaxy A42	Samsung	Snapdragon 750G	4	128	6.6 inches	48 MP	Android 10		
iPhone 12 Pro	Apple	A14 Bionic	6	256	6.1 inches	12 MP	iOS 14		
OnePlus 5T	OnePlus	Snapdragon 835	8	128	6.01 inches	16 MP	OxygenOS		
Xiaomi Mi 10 Lite	Xiaomi	Snapdragon 765G	6	128	6.57 inches	48 MP	MIUI 11		
Google Pixel 5a	Google	Snapdragon 765G	6	128	6.34 inches	12.2 MP	Android 11		
Samsung Galaxy A51	Samsung	Exynos 9611	6	128	6.5 inches	48 MP	Android 10		
iPhone XR	Apple	A12 Bionic	3	64	6.1 inches	12 MP	iOS 12		
OnePlus 7T Pro	OnePlus	Snapdragon 855+	8	256	6.67 inches	48 MP	OxygenOS		
Xiaomi Redmi Note 9 Pro	Xiaomi	Snapdragon 720G	6	128	6.67 inches	64 MP	MIUI 11		
Google Pixel 2	Google	Snapdragon 835	4	64	5.0 inches	12.2 MP	Android 8.0		
Samsung Galaxy S9	Samsung	Exynos 9810	4	64	5.8 inches	12 MP	Android 8.0		
iPhone 8 Plus	Apple	A11 Bionic	3	64	5.5 inches	12 MP	iOS 11		
OnePlus Nord CE	OnePlus	Snapdragon 750G	6	128	6.43 inches	64 MP	OxygenOS		
Xiaomi Redmi Note 5 Pro	Xiaomi	Snapdragon 636	4	64	5.99 inches	12 MP	MIUI 9		
Google Pixel 3a XL	Google	Snapdragon 670	4	64	6.0 inches	12.2 MP	Android 9		
Samsung Galaxy A12	Samsung	Mediatek Helio P35	4	64	6.5 inches	48 MP	Android 10		
iPhone 8	Apple	A11 Bionic	2	64	4.7 inches	12 MP	iOS 11		
OnePlus GT McLaren Edition	OnePlus	Snapdragon 845	10	256	6.41 inches	16 MP	OxygenOS		
Xiaomi Mi 11 Lite	Xiaomi	Snapdragon 732G	6	128	6.55 inches	64 MP	MIUI 12		
Google Pixel 4 XL	Google	Snapdragon 855	6	128	6.3 inches	12.2 MP	Android 10		
Samsung Galaxy M31	Samsung	Exynos 9611	6	128	6.4 inches	64 MP	Android 10		
iPhone 7 Plus	Apple	A10 Fusion	3	128	5.5 inches	12 MP	iOS 10		
OnePlus 5	OnePlus	Snapdragon 835	8	128	5.5 inches	16 MP	OxygenOS		
Xiaomi Redmi Note 6 Pro	Xiaomi	Snapdragon 636	6	64	6.26 inches	12 MP	MIUI 10		
Google Pixel 2	Google	Snapdragon 835	4	128	5.0 inches	12.2 MP	Android 8.0		

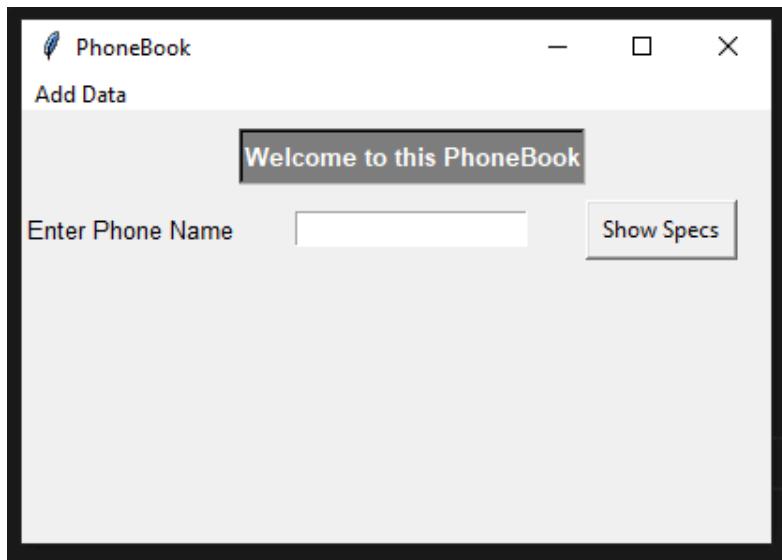
```
mysql> Select * from phones;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| Model | Brand | Processor | RAM | Storage | Screen | Camera | Battery | OS | UI |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| Samsung Galaxy A12 | Samsung | Mediatek Helio P35 | 4 | 64 | 6.5 inches | 48 MP | 5000 mAh | Android 10 | MIUI 12 |
| iPhone 8 | Apple | A11 Bionic | 2 | 64 | 4.7 inches | 12 MP | 1821 mAh | iOS 11 | OxygenOS |
| OnePlus 6T McLaren Edition | OnePlus | Snapdragon 845 | 10 | 256 | 6.41 inches | 16 MP | 3700 mAh | MIUI 12 |
| Xiaomi Mi 11 Lite | Xiaomi | Snapdragon 732G | 6 | 128 | 6.55 inches | 64 MP | 4250 mAh | Android 10 |
| Google Pixel 4 XL | Google | Snapdragon 855 | 6 | 128 | 6.3 inches | 12.2 MP | 3700 mAh | MIUI 12 |
| Samsung Galaxy M31 | Samsung | Exynos 9611 | 6 | 128 | 6.4 inches | 64 MP | 6000 mAh | Android 10 |
| iPhone 7 Plus | Apple | A10 Fusion | 3 | 128 | 5.5 inches | 12 MP | 2900 mAh | iOS 10 |
| OnePlus 5 | OnePlus | Snapdragon 835 | 8 | 128 | 5.5 inches | 16 MP | 3300 mAh | OxygenOS |
| Xiaomi Redmi Note 6 Pro | Xiaomi | Snapdragon 636 | 6 | 64 | 6.26 inches | 12 MP | 4000 mAh | MIUI 10 |
| Google Pixel 2 | Google | Snapdragon 835 | 4 | 128 | 5.0 inches | 12.2 MP | 2700 mAh | Android 8.0 |
| Samsung Galaxy A71 5G | Samsung | Exynos 980 | 6 | 128 | 6.7 inches | 64 MP | 4500 mAh | Android 10 |
| iPhone 6s | Apple | A9 | 2 | 64 | 4.7 inches | 12 MP | 1715 mAh | iOS 9 |
| OnePlus 3 | OnePlus | Snapdragon 820 | 6 | 64 | 5.5 inches | 16 MP | 3000 mAh | OxygenOS |
| Xiaomi Mi Note 10 | Xiaomi | Snapdragon 730G | 6 | 128 | 6.47 inches | 108 MP | 5260 mAh | MIUI 11 |
| Google Pixel 3a | Google | Snapdragon 670 | 4 | 64 | 5.6 inches | 12.2 MP | 3000 mAh | Android 9 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
100 rows in set (0.00 sec)

mysql>
```

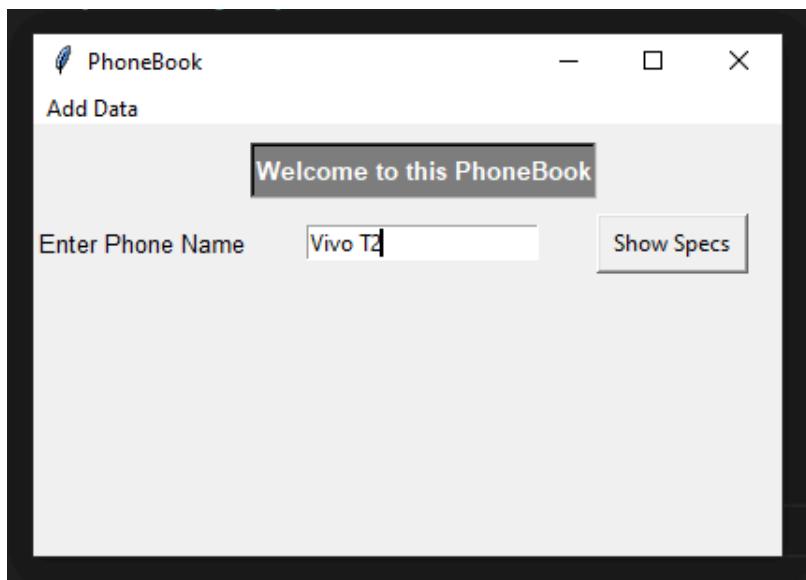


OUTPUT

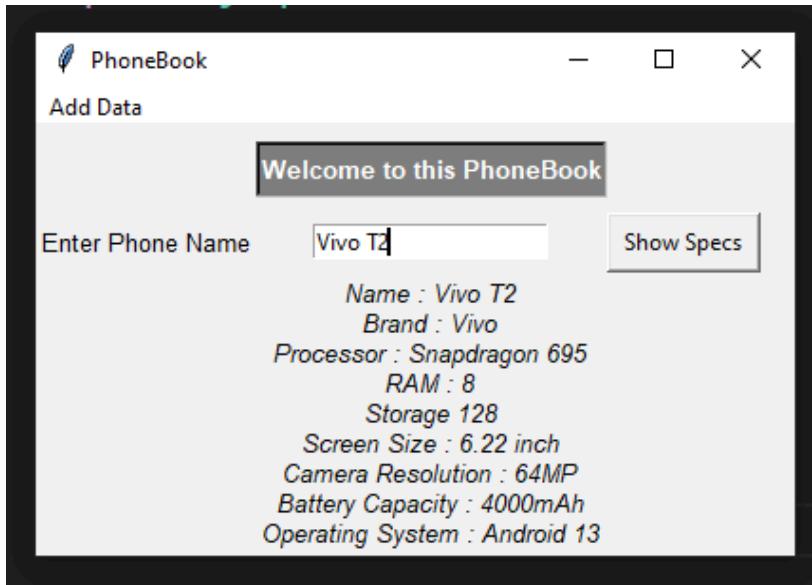
1. If we run the program then this GUI appears.



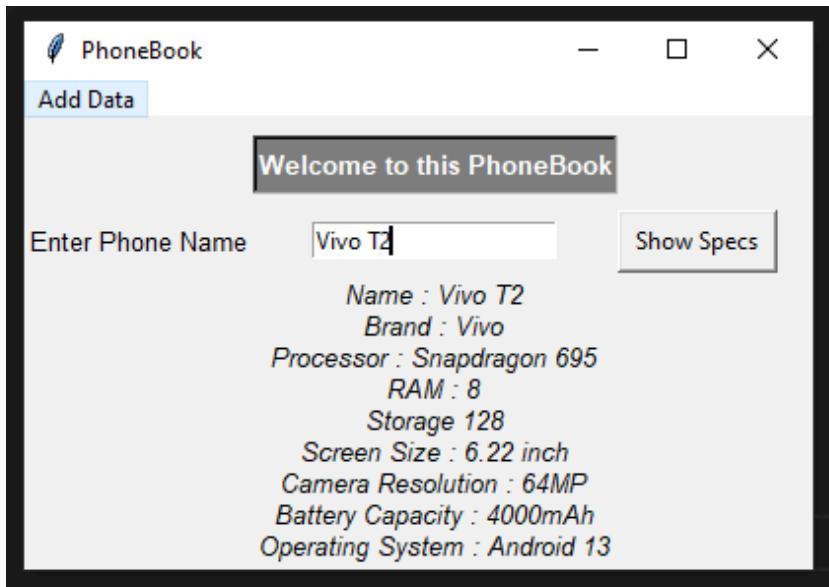
2. If we write “Vivo T2” in the Entry area.



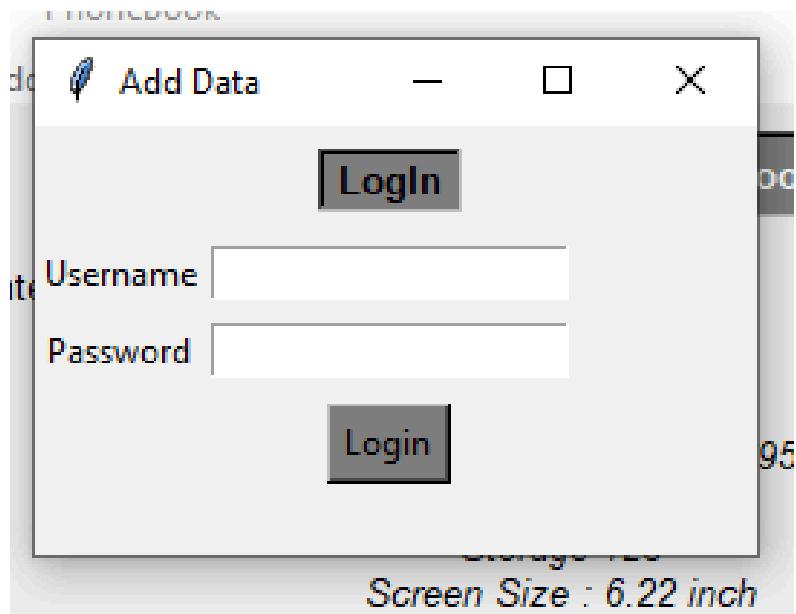
3. Then if we press “Show Specs” then it’s specification appears.



4. If we press “Add Data” in the menu bar.

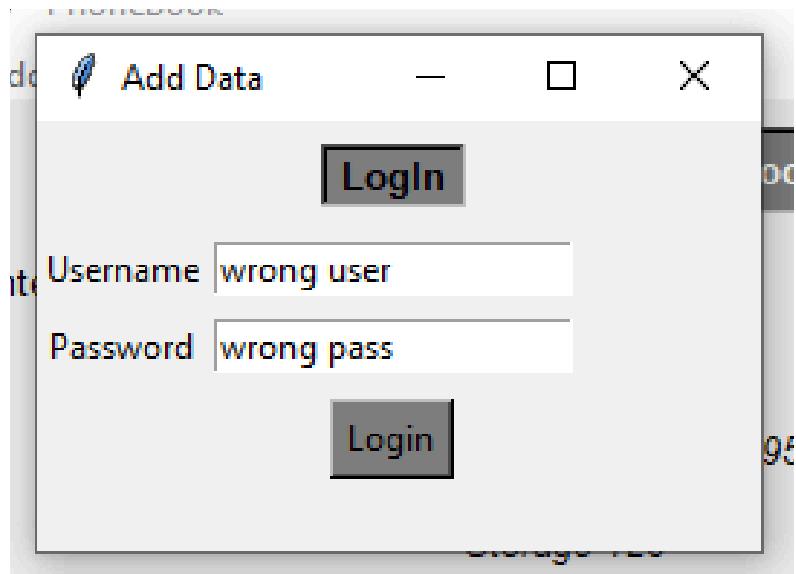


5. This Login Page appears.

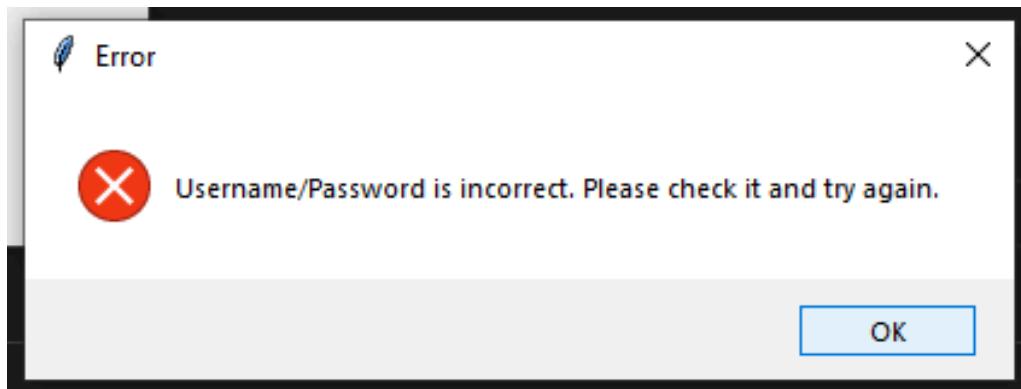


Screen Size : 6.22 inch

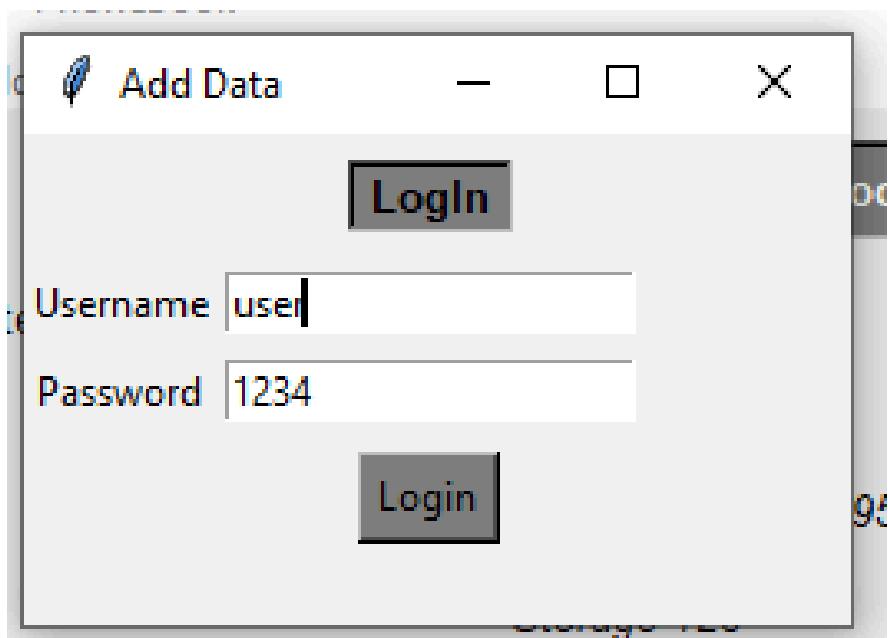
6. If we enter the wrong Username and Password.



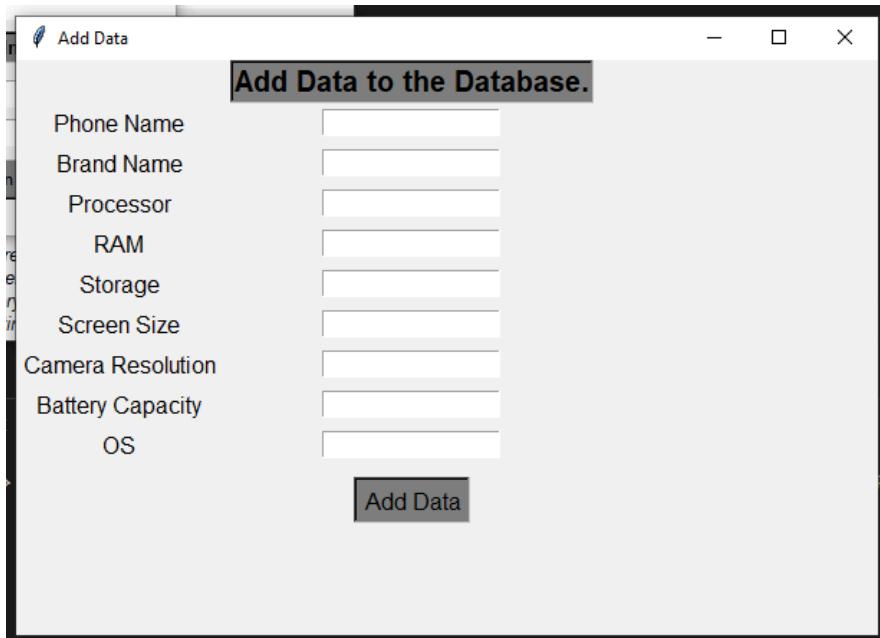
7. This Error Appears.



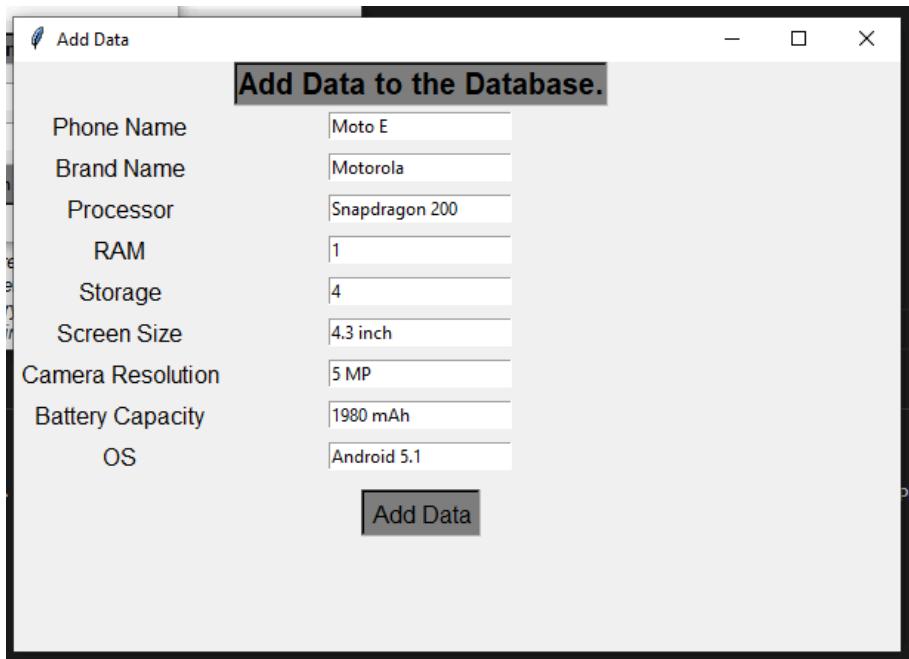
8. And if we enter the correct Username “user” and Password “1234” and press “Login” button.



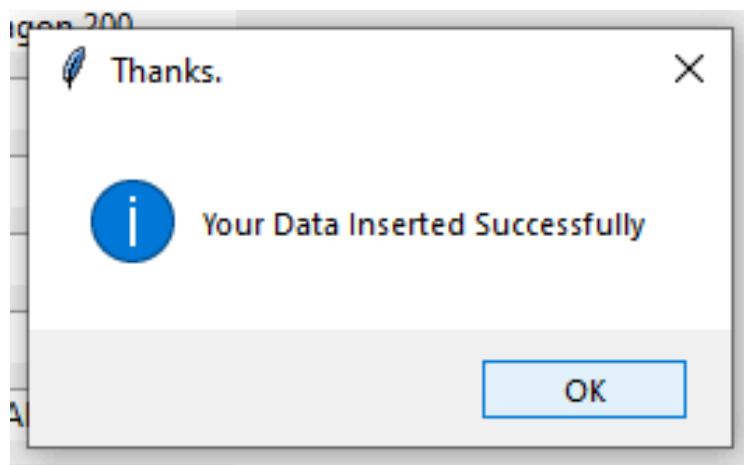
9. This new GUI Appears.



10. If we enter the name and other specification of a Phone (here “Moto E”) and press “Add Data” button.



11. This info appears confirming that the data is successfully added into the database.



12. Now if we enter the added phone name then we will get the specification of that phone.

