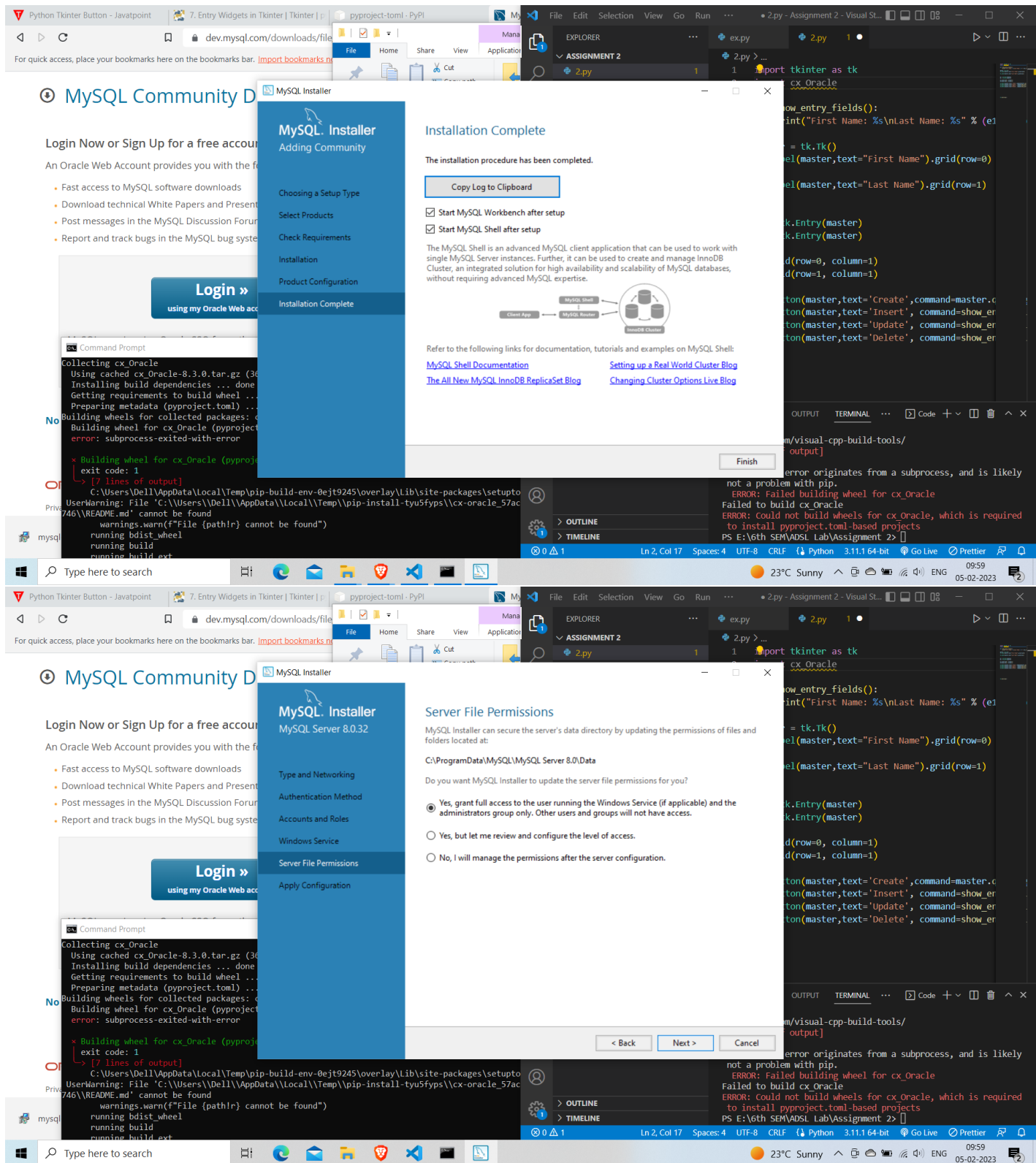
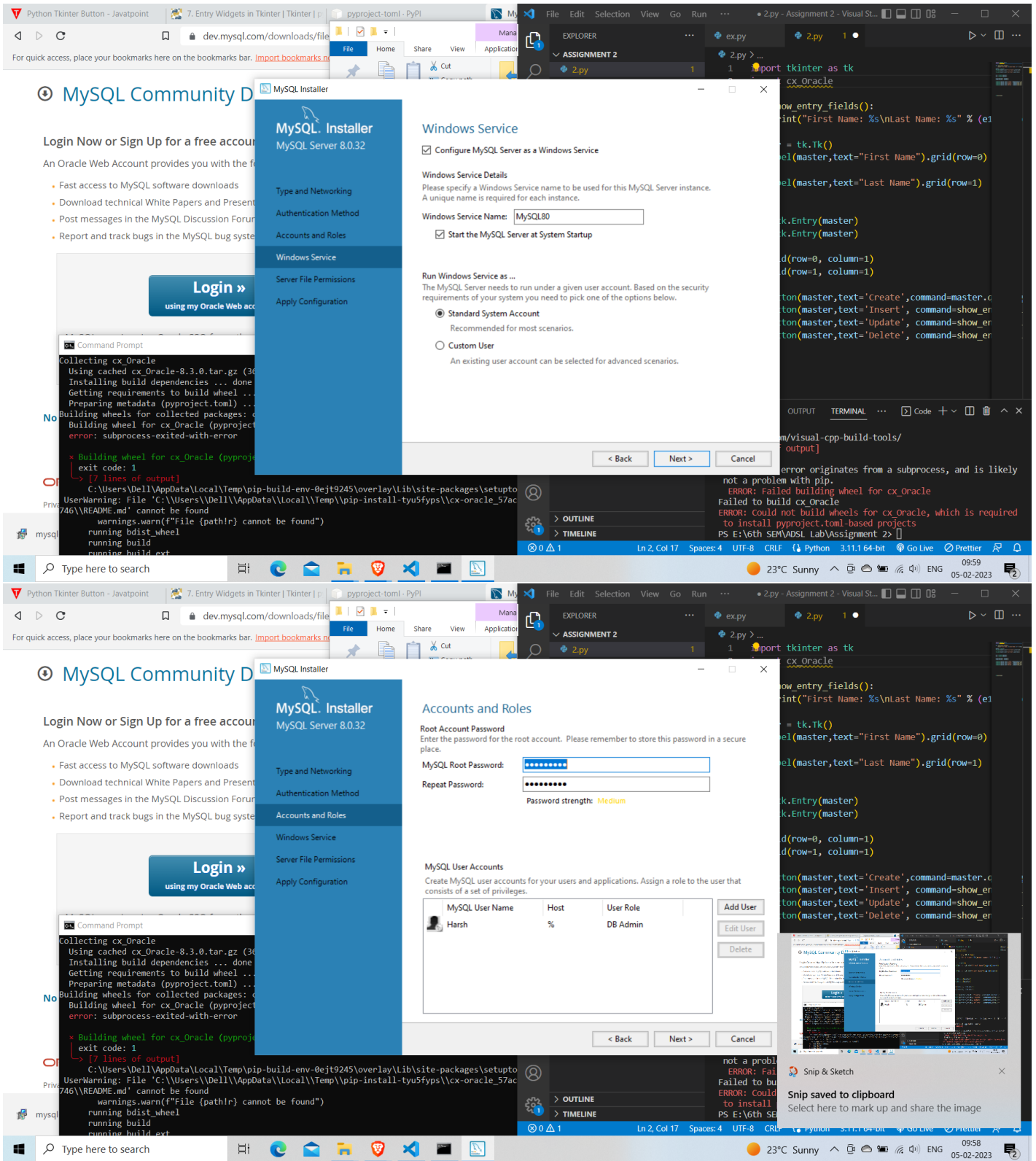
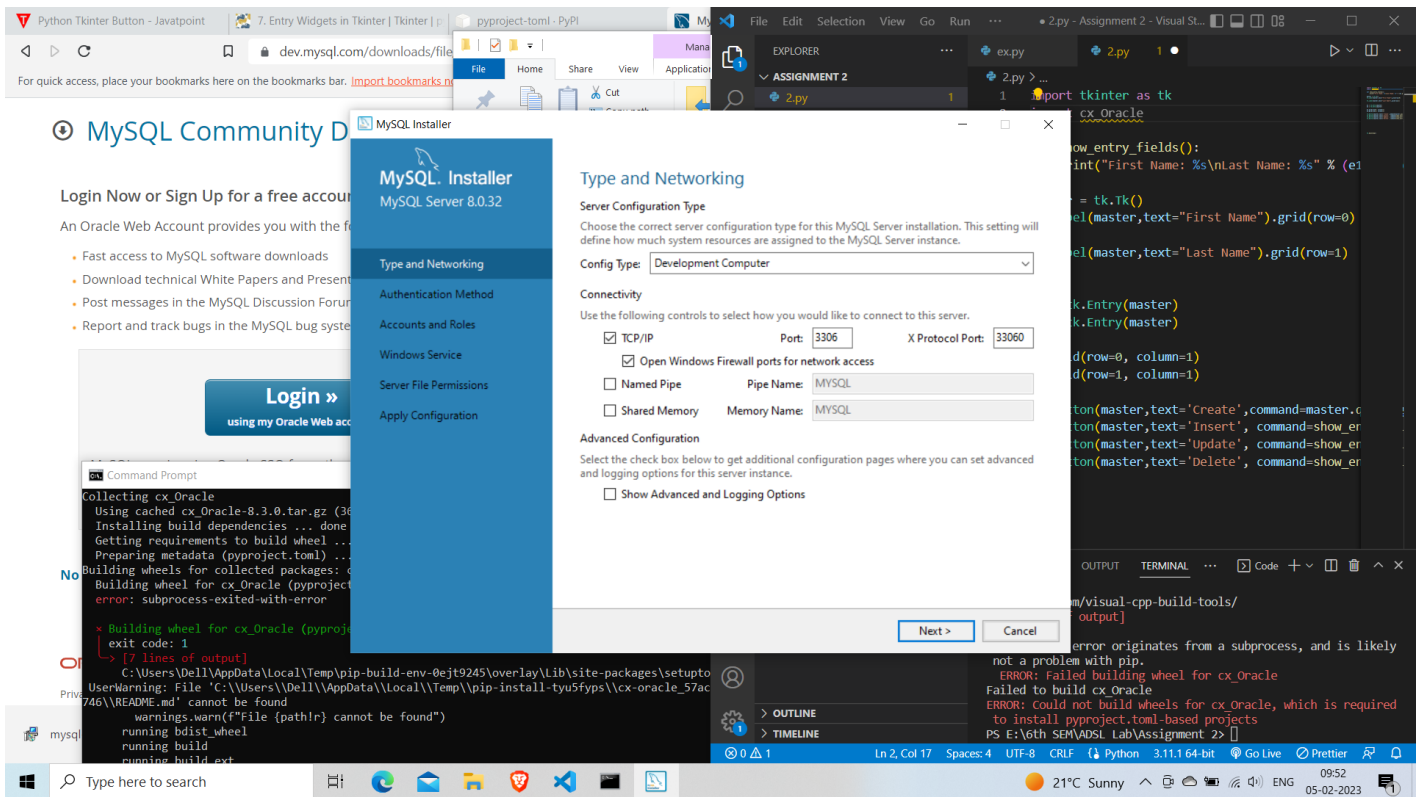


Installing Mysql :-







Connecting Mysql to Python GUI:-

```
import tkinter as tk
import mysql.connector

conn = mysql.connector.connect(host="localhost", user="root",
password="Hp452002@",port="3306", database="2020BTECS00050")
print("successful")
cursor = conn.cursor();

master = tk.Tk()
tk.Label(master,text="First Name").grid(row=0)

tk.Label(master,text="Last Name").grid(row=1)

e1 = tk.Entry(master)
e2 = tk.Entry(master)

e1.grid(row=0, column=1)
e2.grid(row=1, column=1)
```

```

def Create():
    query = """
        CREATE TABLE USER(
            firstname VARCHAR(40) NOT NULL,
            lastname VARCHAR(40) NOT NULL
        )
    """
    try:
        cursor.execute(query)
        print("Table created successfully")

    except Exception as e:
        print("Error occured during creating of table : \n", e)

def Insert():
    first_name= e1.get()
    last_name=e2.get()
    query = """INSERT INTO USER VALUES( %s, %s)"""
    try:
        cursor.execute(query,(first_name,last_name))
        print("Inserted successfully")
    except Exception as e:
        print("Error occured during inserting in table : \n", e)

def Show():

    try:
        cursor.execute("SELECT * FROM USER")
        for row in cursor:
            print(row)
    except Exception as e:
        print(e)

def Update():
    first_name=e1.get()
    last_name=e2.get()

    query="""UPDATE USER
        SET lastname = %s
        WHERE firstname = %s"""
    try:
        cursor.execute(query,(last_name,first_name))
    except Exception as e:
        print("Error occured during updating in table : \n", e)

def Delete():
    query = """
        DROP TABLE USER
    """
    try:
        cursor.execute(query)

```

```

        print("Table deleted successfully")

    except Exception as e:
        print("Error occurred during creating of table : \n", e)

tk.Button(master,text='Create',command=Create).grid(row=3, column=0,sticky=tk.W,pady=4)
tk.Button(master,text='Insert', command=Insert).grid(row=3,column=1, sticky=tk.W,pady=4)
tk.Button(master,text='Show', command=Show).grid(row=3,column=2, sticky=tk.W,pady=4)
tk.Button(master,text='Update', command=Update).grid(row=3,column=3, sticky=tk.W,pady=4)
tk.Button(master,text='Delete', command=Delete).grid(row=3,column=4,
sticky=tk.W,pady=4)

tk.mainloop()

```

DML Statements:-

CREATE:-

The screenshot displays a Visual Studio Code editor with a Python script named '2.py' and a Tkinter GUI window. The script defines functions for database operations: Create, Insert, Show, Update, and Delete. The GUI consists of a window with input fields for 'First Name' and 'Last Name', and buttons for 'Create', 'Insert', 'Show', 'Update', and 'Delete'. The terminal at the bottom shows the command to run the script: `python -u "e:\6th SEM\ADSL Lab\Assignment 2\tempCodeRunnerFile.py"`, and the output: `successful` and `Table created successfully`.

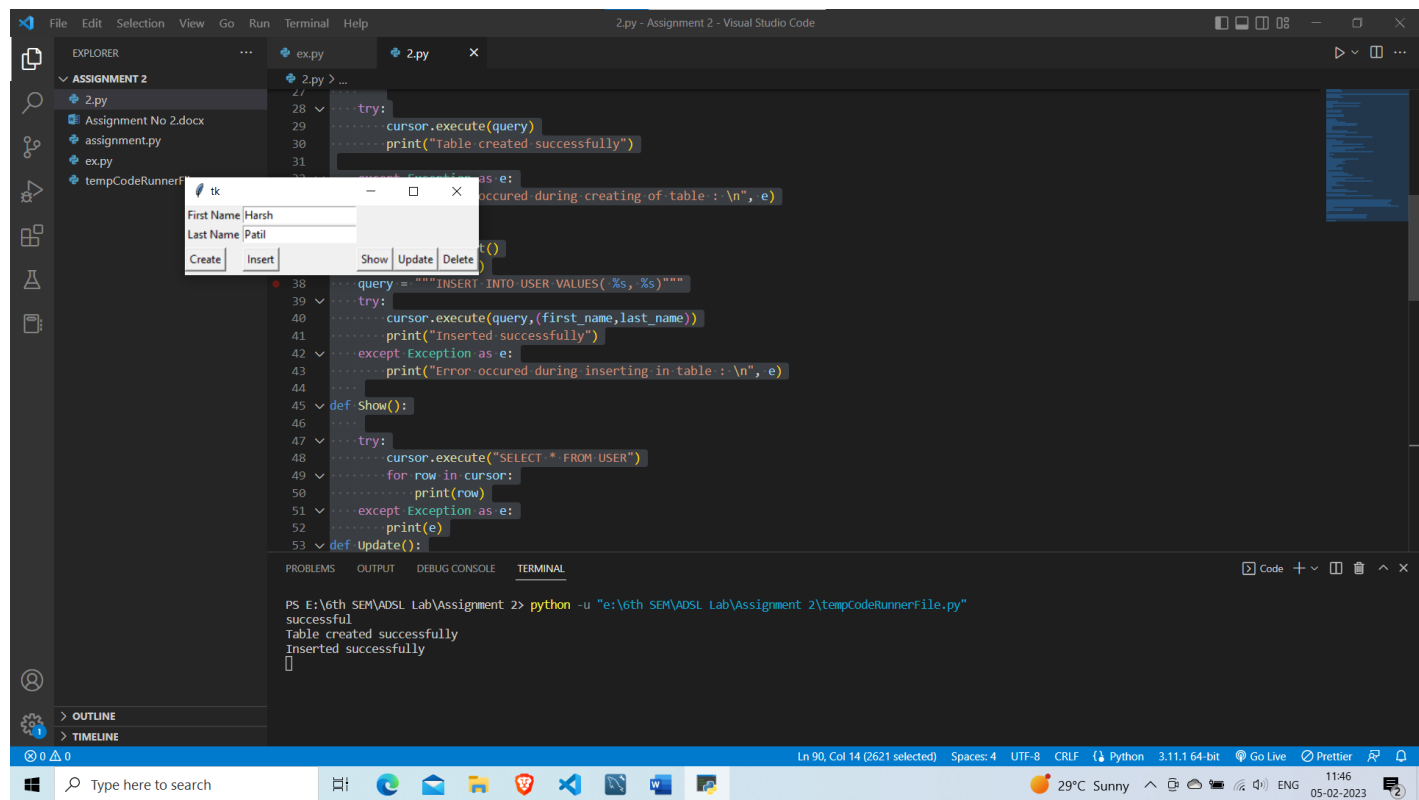
```

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```

tk.mainloop()

Insert:-



Show:-

Delete:-

