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[1]: import sqlite3
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[2]: def create_todo_table(conn):
    cursor = conn.cursor()
    cursor.execute('''CREATE TABLE IF NOT EXISTS todos (
        id INTEGER PRIMARY KEY,
        task TEXT NOT NULL,
        completed INTEGER DEFAULT 0
    )''')
    conn.commit
```

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[3]: def add_task(conn, task):
    cursor = conn.cursor()
    cursor.execute('INSERT INTO todos (task) VALUES (?)', (task,))
    conn.commit()

def update_task_status(conn, task_id, completed):
    cursor = conn.cursor()
    cursor.execute('UPDATE todos SET completed = ? WHERE id = ?', (completed,
↪task_id))
    conn.commit()

def delete_task(conn, task_id):
    cursor = conn.cursor()
    cursor.execute('DELETE FROM todos WHERE id = ?', (task_id,))
    conn.commit()
```

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[4]: def get_tasks(conn):
    cursor = conn.cursor()
    cursor.execute('SELECT * FROM todos')
    tasks = cursor.fetchall()
    return tasks
```

```
[5]: def main():

    conn = sqlite3.connect('todo.db')
```

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create_todo_table(conn)

while True:
    print("\nTODO LIST")
    print("1. Add Task")
    print("2. View Tasks")
    print("3. Update Task Status")
    print("4. Delete Task")
    print("5. Exit")

    choice = input("Enter your choice: ")

    if choice == '1':
        task = input("Enter task: ")
        add_task(conn, task)
        print("Task added successfully")

    elif choice == '2':
        tasks = get_tasks(conn)
        if not tasks:
            print("No tasks found.")
        else:
            for task in tasks:
                print(f"{task[0]}. {task[1]} - {'Completed' if task[2] else 'Incomplete'}")

    elif choice == '3':
        task_id = int(input("Enter task ID: "))
        completed = int(input("Enter completion status (1 for completed, 0 for incomplete): "))
        update_task_status(conn, task_id, completed)
        print("Task status updated successfully!")

    elif choice == '4':
        task_id = int(input("Enter task ID: "))
        delete_task(conn, task_id)
        print("Task deleted successfully")

    elif choice == '5':
        print("Exiting...")
        break
    else:
        print("Invalid choice. Please try again.")

conn.close()

```

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[6]: if __name__ == "__main__":  
    main()
```

TODO LIST

1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit

Enter your choice: 1

Enter task: Do Assignment

Task added successfully

TODO LIST

1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit

Enter your choice: 1

Enter task: Clean my Room

Task added successfully

TODO LIST

1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit

Enter your choice: 2

1. Do Assignment - Incomplete

2. Clean my Room - Incomplete

TODO LIST

1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit

Enter your choice: 3

Enter task ID: 1

Enter completion status (1 for completed, 0 for incomplete): 1

Task status updated successfully!

TODO LIST

1. Add Task

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2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit
Enter your choice: 2
1. Do Assignment - Completed
2. Clean my Room - Incomplete
```

```
TODO LIST
1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit
Enter your choice: 4
Enter task ID: 1
Task deleted successfully
```

```
TODO LIST
1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit
Enter your choice: 2
2. Clean my Room - Incomplete
```

```
TODO LIST
1. Add Task
2. View Tasks
3. Update Task Status
4. Delete Task
5. Exit
Enter your choice: 5
Exiting..
```