```
  # database
import sqlite3


  # store data

  # create a todo list table
def create_todo_table(conn):
 cursor = conn.cursor()
 cursor.excute('''CREATE TABLE IF NOT EXISTS todos (
               id INTEGER PRIMARY KEY,
               task TEXT NOT NULL,
               completed INTEGER DEFAULT 0
               )''')
 conn.commit()


  # interact/manipulate

  # add a new task to the todo list
def add_task(conn, task):
    cursor = conn.cursor()
    cursor.execute('INSERT INTO todos (task) Values (?)', (task,))
    conn.commit()

  # update the completion status of a task, 1 complete, 0 not complete
def update_task_status(conn, task_id, completed):
    cursor = conn.cursor()
    cursor.execute('UPDATE todos SET completed = ? WHERE id = ?', (completed, task_id))
    conn.commit()

  # delete a task from the todo list
def delete_task(conn, task_id):
    cursor = conn.cursor()
    cursor.execute('DELETE FROM todos WHERE id = ?', (task_id))
    conn.commit()


  # retrieve data

  # retrieve/view all of the tasks in the todo list
def get_task(conn):
    cursor = conn.cursor()
    cursor.execute('SELECT * FROM todos')
    tasks = cursor.fetchall()
    return tasks



  # Main function
def main():
    """
```

```
"""

# connect to the SQLite database

# create the todo list table
create_todo_table(sqlite3.connect('todo.db'))

# loop until you exit
while True:
    # menu interface for tasks
    print("\nTODO LIST")
    print("1. Add Task")
    print("2. View Task")
    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(sqlite3.connect('todo.db'), task)
      print("Task added successfully!")

    elif choice == '2':
      if not get_tasks(sqlite3.connect('todo.db')):
        print("No tasks found")
      else:
          for task in tasks:
              print(f"{task[0]}. {task[1]} - {'Completed' if task[2] else 'In
    elif choice == '3':
        task_id = int(input("Enter task ID: "))
        completed = int(input("Enter completion status (1 for completed, 0 fo
        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.")
# close the database connection
conn.close()
```