# **🕵️‍♂️ Murder Mystery Exercise: The Mystery at the Mansion 🏰🔍**

## **Welcome, Detectives!**

You are at a big old mansion where many people live and work. Something bad has happened — someone got hurt or maybe worse. Your job is to find out:

* Who is the **victim** (the person who got hurt)
* Who is the **killer** (the person who did it)
* What **object** was used
* Where and when it happened
* Why it happened

## **What Was Happening at the Mansion?**

* It was a normal busy day at the mansion. The guests were chatting and drinking tea (some spilled a little), the cooks were busy burning toast in the kitchen (again!), and the gardeners were arguing over who forgot to water the plants.
* Someone was trying to fix a leaky pipe but only made the water spray everywhere — drenching the poor butler! Meanwhile, a mysterious loud noise came from upstairs — someone was playing music. But not just any music... it was very, very annoying!
* Suddenly, everyone stopped what they were doing and heard a loud **scream!** The mansion went silent except for whispers — something serious had just happened.

## **What happened? To whom? How? Why? It’s your job to find out!**

## **The Tables You Will Use**

### **1. people**

Lists everyone at the mansion with their names, ages, and jobs.

### **2. mansion**

Lists all rooms in the mansion, like kitchen, library, ballroom, and others.

### **3. visits**

Shows who went to which room and at what time.

### **4. hospital\_report**

Shows medical reports about people who got hurt, what happened to them, and when.

### **5. objects**

Lists all kinds of objects- tools, weapons, and other objects.

### **6. room\_objects**

Shows what objects are in which rooms.

### **7. people\_belongings**

Shows which objects belong to which people.

### **8. journal**

Contains notes and messages people wrote about others — some are friendly, some are angry.

## **Helpful Tips**

* The hospital report is a good place to start.
* Visits tell you who was near the victim.
* The weapon might be hidden in a room or owned by someone.  
  Journals can help you find secrets and reasons for fighting.

Good luck, detectives! Have fun and use your SQL skills to find the truth! 🕵️‍♀️💻🔎  
  
  
**What to submit? A text file, containing:**

1. For each step, write explanations - what you are looking for, what info are you using.
2. The SQL command.  
     
   for example:  
     
   *- I know that the weapon was a lamp, so I’m looking for every object that has “lamp” in the text.  
   SQL:  
   SELECT \* FROM objects WHERE objectName LIKE “%lamp%”*
3. after you detailed all the steps, show the summary:
   1. killer (id and name)
   2. victim (id and name)
   3. room (id and name)
   4. time of murdrer (range)
   5. weapon used (id, name and type)
   6. motive

* נתחיל בחיפוש בבית החולים עם המילה dead מישהו שנפטר לאחרונה
* נמשיך לחפש את שם הקרבן