**Task 1:**

**Lucky Shrub needs to find out what their average sale price or cost was for a product in 2022.**

**Task 2:**

**Lucky Shrub needs to evaluate the sales patterns for bags of artificial grass**

**over the last three years.**

**Task 3:**

**Lucky Shrub needs to automate the orders process in their database. The**

**database must insert a new record of data in response to the insertion of a**

**new order in the Orders table. This new record of data must contain a new**

**ID and the current date and time.**

**Task 4:**

**Lucky Shrub needs location data for their clients and employees. To help**

**them out, create an optimized query that outputs the following data:**

**1.) The full name of all clients and employees from the Clients and**

**Employees tables in the Lucky Shrub database.**

**2.) The address of each person from the Addresses table.**

**Task 5:**

**Lucky Shrub needs to find out what quantities of wood panels they are**

**selling. The wood panels product has a Product ID of P2.** **The following query**

**returns the total quantity of this product as sold in the years 2020, 2021, and**

**2022:**

**Task 6:**

**Lucky Shrub wants to know more about the activities of the clients who use**

**their online store. The system logs the ClientID and the ProductID**

**information for each activity in a JSON Properties column inside the Activity**

**table. This occurs while clients browse through Lucky Shrub products online.**

**The following screenshot shows the Activity table.**

**Task 7:**

**Lucky Shrub need to find out how much revenue their top selling product**

**generated.**

**Create a stored procedure called GetProfit that returns the overall profits**

**generated by a specific product in a specific year. This should be based on**

**the user input of the ProductID and Year.**

**Task 8:**

**Lucky Shrub needs a summary of their client's details, including their**

**addresses, order details, and the products they purchased. Help them out**

**by creating a virtual table called DataSummary that joins together the four**

**tables that contain this data. These four tables are as follows:**

**1.) Clients,**

**2.) Addresses,**

**3.) Orders,**

**4.) and Products.**

**The virtual table must display the following data:**

**1.) The full name and contact number for each client from the Clients table.**

**2.) The county that each client lives in from the Addresses table.**

**3.) The name of the product they purchased from the Products table.**

**4.) The ProductID, cost and date of each order from the Orders table.**