GIVA SQL Solution

Q) Create a sales table with the following fields:

Customer Name

Email

Phone

Date of purchase

SKUs bought (multiple comma separated values)

Total price

Discount

SOLUTION:

CREATE TABLE SALESDATA(

'Customer\_name' varchar(255),

'Email' varchar(255),

'Phone' integer(30),

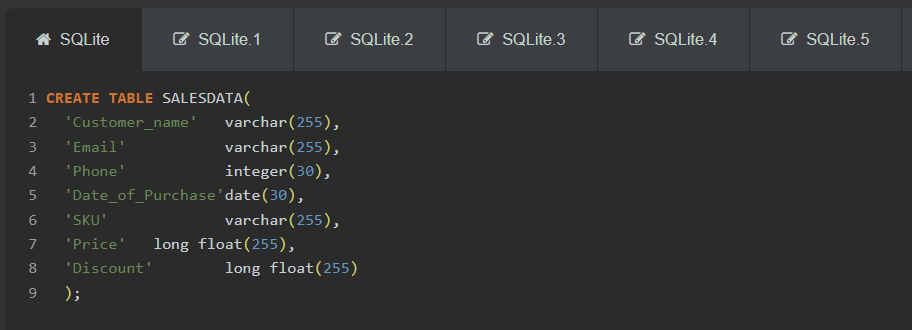
'Date\_of\_Purchase' date(30),

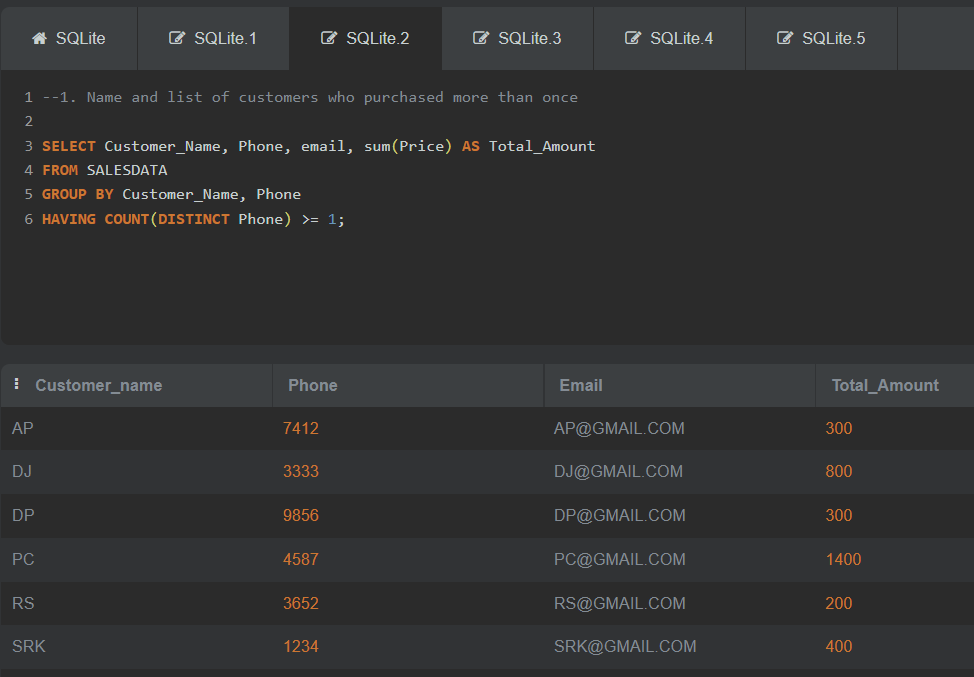
'SKU' varchar(255),

'Price' long float(255),

'Discount' long float(255)

);





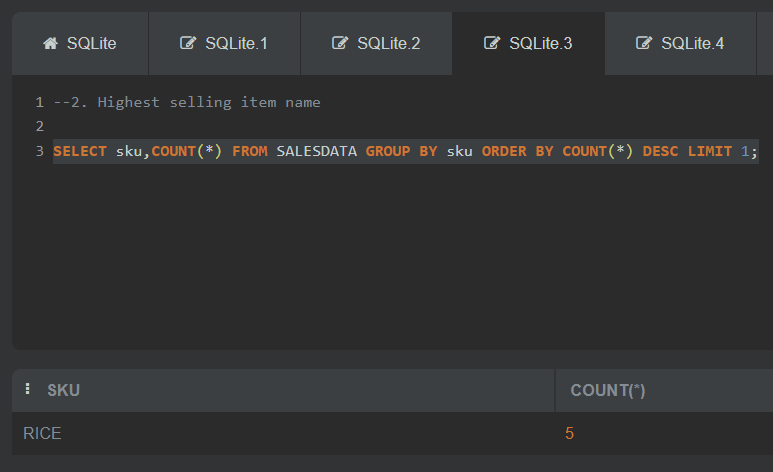
## **1. Name and list of customers who purchased more than once**

Select Customer\_Name, Phone, email, sum(Price) as Total\_Amount

From SALESDATA

Group by Customer\_Name, Phone

Having Count(distinct Phone) >= 1;

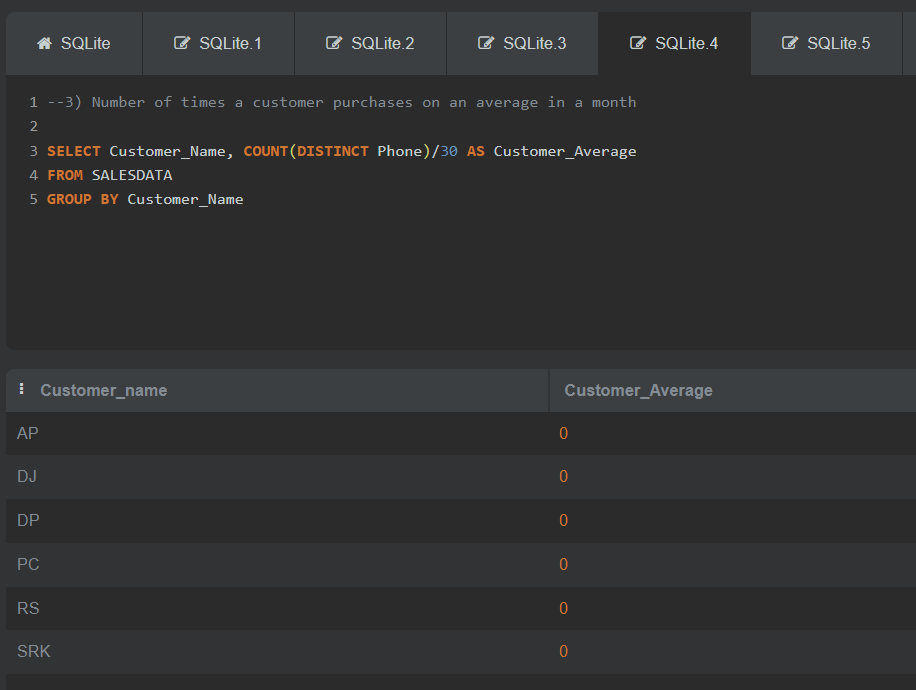


## **2. Highest selling item name**

SELECT sku,COUNT(\*) FROM SALESDATA

GROUP BY sku ORDER BY COUNT(\*)

DESC LIMIT 1;

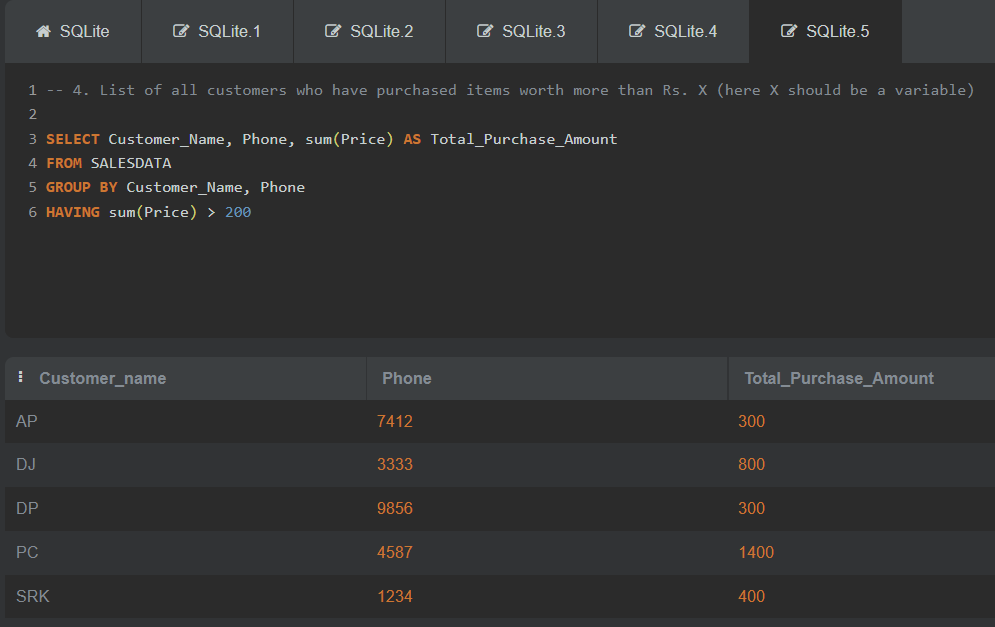


## **3) Number of times a customer purchases on an average in a month**

Select Customer\_Name, count(distinct Phone)/30 as Customer\_Average

from SALESDATA

group by Customer\_Name;



## **4. List of all customers who have purchased items worth more than Rs. X (here X should be a variable)**

Select Customer\_Name, Phone, sum(Price) as Total\_Purchase\_Amount

From SALESDATA

Group by Customer\_Name, Phone

Having sum(Price) > 200;