

EXERCISE 5

09.09.2022

Customer(**Cust id : integer**, cust_name: string)
Item(**item_id: integer**, item_name: string, price: integer)
Sale(**bill_no: integer**, bill_date: date, **cust_id: integer**,
item_id: integer, qty_sold: integer)

For the above schema, perform the following:

1. Create the tables with the appropriate integrity constraints and insert around 10 records in each of the tables
2. Create a view which lists out the bill_no, bill_date, cust_id, item_id, price, qty_sold, and amount.
3. Create a view which lists the daily sales date wise for the last one week
4. Create a derived relation to get the top 5 products> by sales revenue in 2021 from the sale and Item tables
5. Classify the customers into 3 groups based on their purchases in 2021 and count the number of customers in each group using derived relation.
Silver - < 10 k , Gold - > 10k and < 50 k, Platinum > 50k
6. Find the top 5 customer by their spending in year 2021 (use with clause)