Name – Ashutosh Ardu

Regno – 20BRS1262

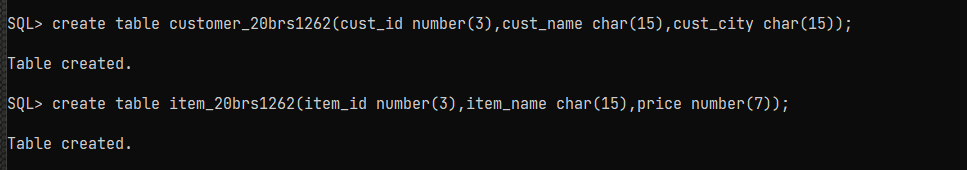
Challenge Test

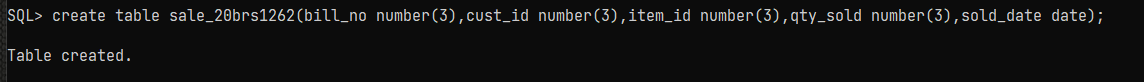
Consider the following schema:

customer(cust\_id, cust\_name, cust\_city)

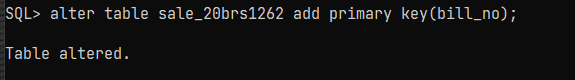
item(item\_id, item\_name, price)

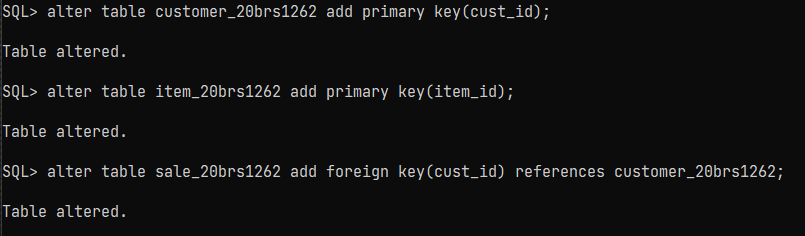
sale(bill\_no, cust\_id, item\_id, qty\_sold, sold\_date)

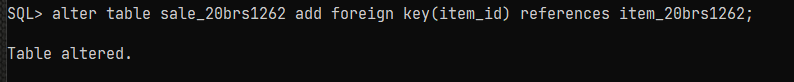




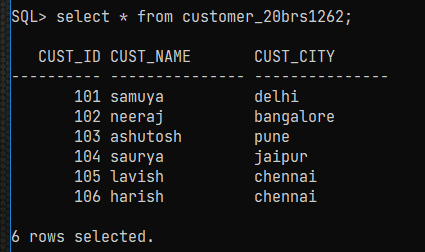
Create the above tables with necessary primary and foreign key constraints and insert appropriate records into it.

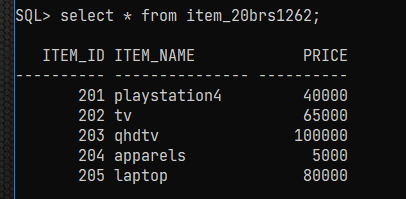


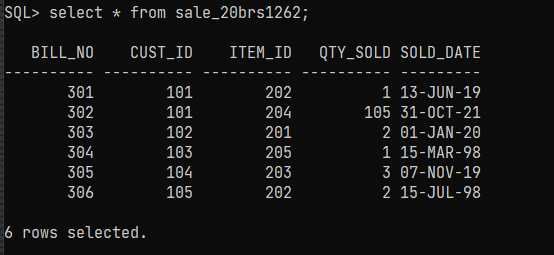




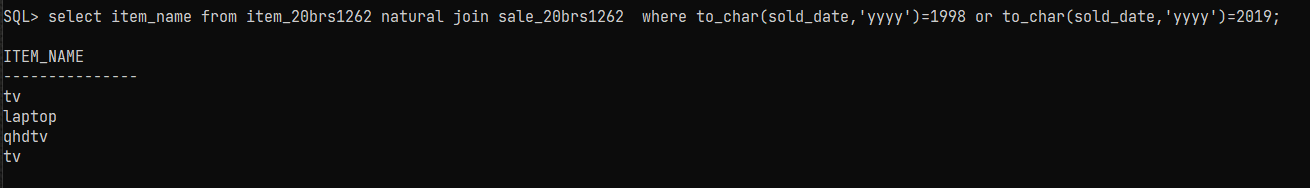
Inserting values



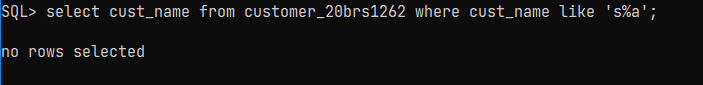


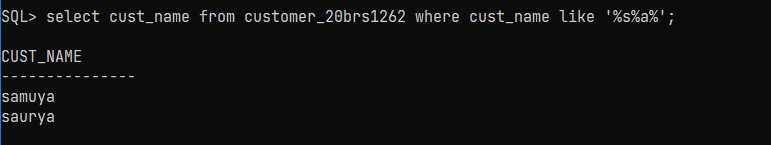


List the name of the item which was sold during the year 1998 or 2019

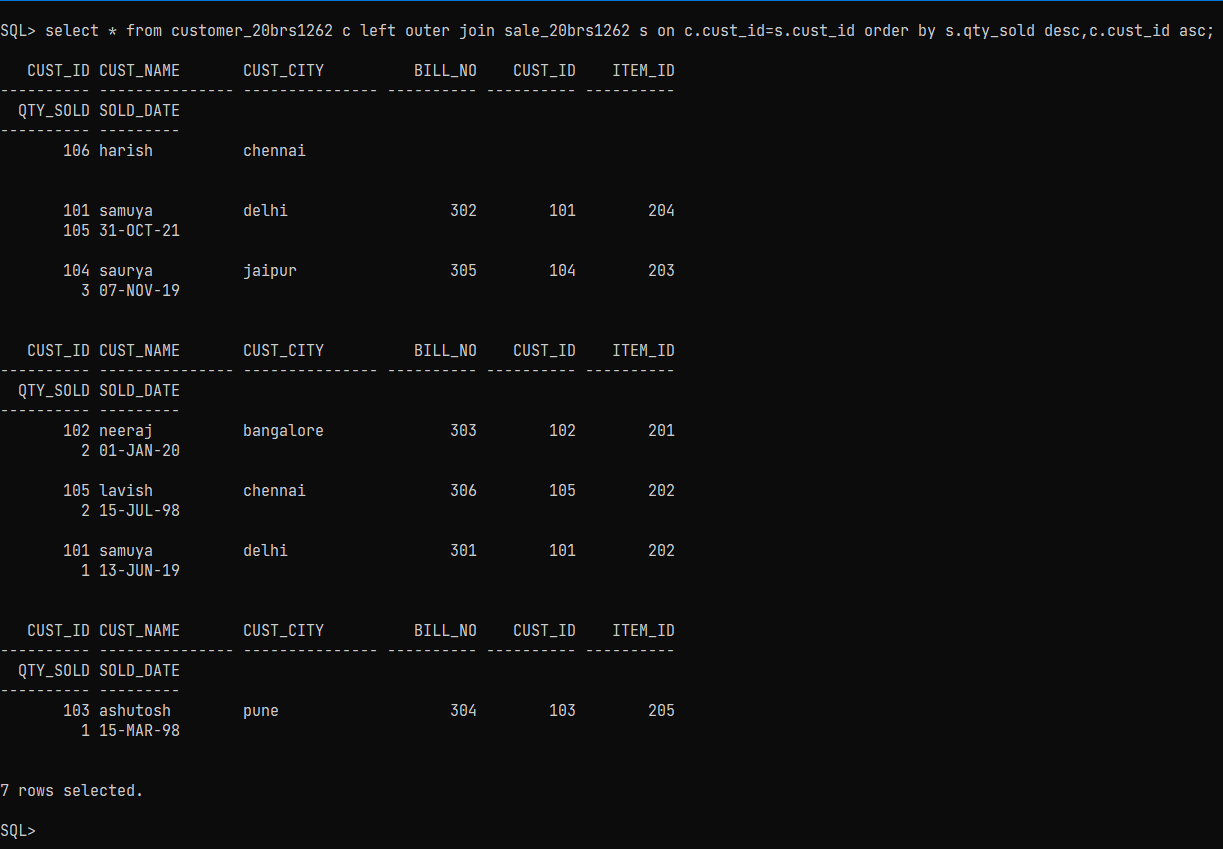


List all customers whose names starts with 'S' and ends with 'a'.



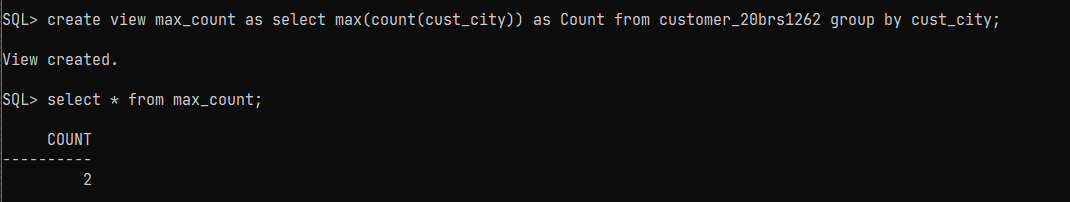


List the customer details with the sales details in descending order with respect to the quantity sold, ascending order with respect to the customer id

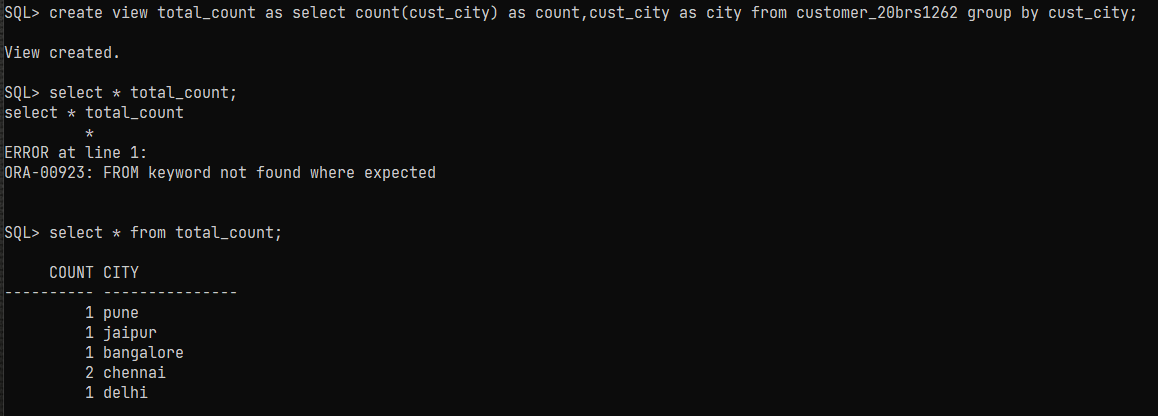


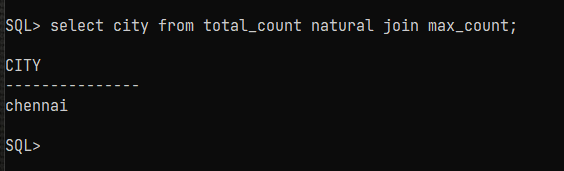
Identify the city with maximum number of customers. List all the customers’ name from that city

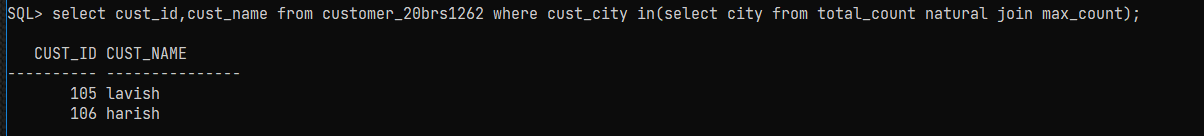
Max\_count



Total\_count







Count the customers whose purchased amount is <100

