Problem Statement →

An E-commerce website manages its data in the form of various tables.

1) You are required to create tables for **supplier,customer,category,product,productDetails,order,rating** to store the data for the E-commerce with the schema definition given below.

   Supplier(SUPP_ID,SUPP_NAME,SUPP_CITY,SUPP_PHONE)

   Customer(CUS__ID,CUS_NAME,CUS_PHONE,CUS_CITY,CUS_GENDER)

   Category(CAT_ID,CAT_NAME)

   Product(PRO_ID,PRO_NAME,PRO_DESC,CAT_ID)

   ProductDetails(PROD_ID,PRO_ID,SUPP_ID,PRICE)

   Order(ORD_ID,ORD_AMOUNT,ORD_DATE,CUS_ID,PROD_ID)

   Rating(RAT_ID,CUS_ID,SUPP_ID,RAT_RATSTARS)

2) Insert the following data in the table created above

   Supplier Table-

SUPP_ID	SUPP_NAME	SUPP_CITY	SUPP_PHONE
1	Rajesh Retails	Delhi	1234567890
2	Appario Ltd.	Mumbai	2589631470
3	Knome products	Banglore	9785462315
4	Bansal Retails	Kochi	8975463285
5	Mittal Ltd.	Lucknow	7898456532

   Customer Table-

CUS_ID	CUS_NAME	CUS_PHONE	CUS_CITY	CUS_GENDER
1	AAKASH	9999999999	DELHI	M
2	AMAN	9785463215	NOIDA	M
3	NEHA	9999999999	MUMBAI	F
4	MEGHA	9994562399	KOLKATA	F
5	PULKIT	7895999999	LUCKNOW	M

Category Table-

CAT_ID	CAT_NAME
1	BOOKS
2	GAMES
3	GROCERIES
4	ELECTRONICS
5	CLOTHES

Product Table-

PRO_ID	PRO_NAME	PRO_DESC	CAT_ID
1	GTA V	DFJDJFDJFDJFDJFJF	2
2	TSHIRT	DFDFJDFJDKFD	5
3	ROG LAPTOP	DFNTTNTNTERND	4
4	OATS	REURENTBTOTH	3
5	HARRY POTTER	NBEMCTHTJTH	1

Prodcut_Details Table-

PROD_ID	PRO_ID	SUPP_ID	PROD_PRICE
1	1	2	1500
2	3	5	30000
3	5	1	3000
4	2	3	2500
5	4	1	1000

Order Table-

ORD_ID	ORD_AMOUNT	ORD_DATE	CUS_ID	PROD_ID
20	1500	2021-10-12	3	5
25	30500	2021-09-16	5	2
26	2000	2021-10-05	1	1
30	3500	2021-08-16	4	3
50	2000	2021-10-06	2	1

Rating table-

RAT_ID		CUS_ID	SUPP_ID	RAT_RATSTARS
1	2	2	4	
2	3	4	3	
3	5	1	5	
4	1	3	2	
5	4	5	4	

Queries →

Write queries for the following:

3) Display the number of the customer group by their genders who have placed any order of amount greater than or equal to Rs.3000.
4) Display all the orders along with the product name ordered by a customer having Customer_Id=2.
5) Display the Supplier details who can supply more than one product.
6) Find the category of the product whose order amount is minimum.
7) Display the Id and Name of the Product ordered after “2021-10-05”.
8) Print the top 3 supplier name and id and their rating on the basis of their rating along with the customer name who has given the rating.
9) Display customer name and gender whose names start or end with character 'A'.
10) Display the total order amount of the male customers.
11) Display all the Customers left outer join with the orders.
12) Create a stored procedure to display the Rating for a Supplier if any along with the Verdict on that rating if any like if rating >4 then “Genuine Supplier” if rating >2 “Average Supplier” else “Supplier should not be considered”.