Category Table:

```
1 •    SELECT * FROM orders_inventory.category;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

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

Customer Table:

```
1 •    SELECT * FROM orders_inventory.customer;
```

	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
*	NULL	NULL	NULL	NULL	NULL

Orders Table:

```
1 •    SELECT * FROM orders_inventory.orders;
```

Result Grid | Filter Rows: | Edit: | Export/

ORD_ID	ORD_AMOUNT	ORD_DATE	CUS_ID	PRICING_ID
101	1500	2021-10-06	2	1
102	1000	2021-10-12	3	5
103	30000	2021-09-16	5	2
104	1500	2021-10-05	1	1
105	3000	2021-08-16	4	3
106	1450	2021-08-18	1	9
107	789	2021-09-01	3	7
108	780	2021-09-07	5	6
109	3000	2021-09-10	5	3
110	2500	2021-09-10	2	4
111	1000	2021-09-15	4	5
112	789	2021-09-16	4	7
113	31000	2021-09-16	1	8
114	1000	2021-09-16	3	5
115	3000	2021-09-16	5	3
116	99	2021-09-17	2	14
NULL	NULL	NULL	NULL	NULL

Product Table:

```
1 •    SELECT * FROM orders_inventory.product;
```

PRO_ID	PRO_NAME	PRO_DESC	CAT_ID
1	GTA V	Windows 7 and above with i5 processor and 8G...	2
2	TSHIRT	SIZE-L with Black, Blue and White variations	5
3	ROG LAPTOP	Windows 10 with 15inch screen, i7 processor, 1...	4
4	OATS	Highly Nutritious from Nestle	3
5	HARRY POTTER	Best Collection of all time by J.K Rowling	1
6	MILK	1L Toned MIlk	3
7	Boat Earphones	1.5Meter long Dolby Atmos	4
8	Jeans	Stretchable Denim Jeans with various sizes and ...	5
9	Project IGI	compatible with windows 7 and above	2
10	Hoodie	Black GUCCI for 13 yrs and above	5
11	Rich Dad Poor ...	Written by RObert Kiyosaki	1
12	Train Your Brain	By Shireen Stephen	1
NULL	NULL	NULL	NULL

Rating Table:

```
1 •   SELECT * FROM orders_inventory.rating;
```

Limit to 1000 rows

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap C

RAT_ID	RAT_RATSTARS	ORD_ID
1	4	101
2	3	102
3	1	103
4	2	104
5	4	105
6	3	106
7	4	107
8	4	108
9	3	109
10	5	110
11	3	111
12	4	112
13	2	113
14	1	114
15	1	115
16	0	116
NULL	NULL	NULL

Supplier Table:

```
 1 •    SELECT * FROM orders_inventory.supplier;
```

Result Grid | Filter Rows: | Edit: | Ex

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
NULL	NULL	NULL	NULL

supplier_pricing Table

```
1 •    SELECT * FROM orders_inventory.supplier_pricing;
```

| | Result Grid | Filter Rows: | | Edit: | Export/Import: | |

	PRICING_ID	PRO_ID	SUPP_ID	SUPP_PRICE
▶	1	1	2	1500
	2	3	5	30000
	3	5	1	3000
	4	2	3	2500
	5	4	1	1000
	6	12	2	780
	7	12	4	789
	8	3	1	31000
	9	1	5	1450
	10	4	2	999
	11	7	3	549
	12	7	4	529
	13	6	2	105
	14	6	1	99
	15	2	5	2999
	16	5	2	2999
*	NULL	NULL	NULL	NULL

3) Display the total number of customers based on gender who have placed orders of worth at least Rs.3000

```
1    select  cus.CUS_GENDER as Gender,
2    count(*) as No_of_customers from customer as cus
3    inner join
4  ⊖ (select  distinct c.CUS_ID, c.CUS_GENDER from customer as c
5    | inner join
6    └ (select CUS_ID from orders where ORD_AMOUNT >= 3000) as O
7    on c.CUS_ID = o.CUS_ID ) as F on F.CUS_ID= cus.CUS_ID group by Gender;
```

Limit to 1000 rows

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 🔤

	Gender	No_of_customers
▶	M	2
	F	1

4) Display all the orders along with product name ordered by a customer having Customer_Id=2

```
1 •   select p.PRO_NAME,Q.ORD_ID, Q.ORD_AMOUNT,
2     Q.ORD_DATE, Q.CUS_ID, Q.PRICING_ID from product as p
3     inner join
4 ⊝   (select sp.PRO_ID , O.ORD_ID, O.ORD_AMOUNT, O.ORD_DATE,
5     O.CUS_ID, O.PRICING_ID from supplier_pricing as sp
6     inner join
7     (select ORD_ID, ORD_AMOUNT, ORD_DATE, CUS_ID, PRICING_ID from orders where CUS_ID = 2)
8     as O on O.PRICING_ID = sp.PRICING_ID ) as Q on p.PRO_ID = q.PRO_ID;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

PRO_NAME	ORD_ID	ORD_AMOUNT	ORD_DATE	CUS_ID	PRICING_ID
GTA V	101	1500	2021-10-06	2	1
TSHIRT	110	2500	2021-09-10	2	4
MILK	116	99	2021-09-17	2	14

5) Display the Supplier details who can supply more than one product

```
1 •   SELECT sup.SUPP_ID,sup.SUPP_NAME,sup.SUPP_CITY,sup.SUPP_PHONE,
2     F.No_of_supplied_products FROM supplier as sup
3     inner join
4 ⊝   (select SUPP_ID , count(*) as No_of_supplied_products
5     from supplier_pricing group by SUPP_ID having count(*) > 1) as F
6     on sup.SUPP_ID = F.SUPP_ID;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

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

6) Find the least expensive product from each category and print the table with category id, name, product name and price of the product

```
1 ●   select  pd.CAT_ID, pd.CAT_NAME, pd.SUPP_PRICE as Minprice,
2        pd.PRO_ID,pd.PRO_NAME from product_category_details as pd
3   ⊖ inner join (
4       SELECT pro.CAT_ID,min( SUPP_PRICE) as minprice FROM product as pro
5       inner join
6       ( select PRO_ID , SUPP_PRICE from  supplier_pricing ) as
7      F on F.PRO_ID = pro.PRO_ID  group by pro.CAT_ID)
8       as T on T.CAT_ID = pd.CAT_ID and pd.SUPP_PRICE = T.minprice;
```

sult Grid | 🔢 ↔ Filter Rows: [   ] | Export: 🖫 | Wrap Cell Content: 𝐈𝐀

CAT_ID	CAT_NAME	Minprice	PRO_ID	PRO_NAME
1	BOOKS	780	12	Train Your Brain
2	GAMES	1450	1	GTA V
3	GROCERIES	99	6	MILK
4	ELECTRONICS	529	7	Boat Earphones
5	CLOTHES	2500	2	TSHIRT

7) Display the Id and Name of the Product ordered after "2021-10-05"

```
1 •  Select P.PRO_NAME, P.PRO_ID, T.orderd_date from product p inner join(
2       select sp.PRICING_ID, sp.PRO_ID, O.ORD_DATE as orderd_date from supplier_pricing sp
3    ⊖  inner join (
4       SELECT ORD_DATE, PRICING_ID FROM orders where ORD_DATE > '2021-10-05' )
5       as O where O.PRICING_ID = sp.PRICING_ID) as T on P.PRO_ID = T.PRO_ID;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: $\overline{I}A$

PRO_NAME	PRO_ID	orderd_date
GTA V	1	2021-10-06
OATS	4	2021-10-12

8) Display customer name and gender whose names start or end with character 'A'

```
1 ●    SELECT CUS_NAME,CUS_GENDER FROM customer
2    | where CUS_NAME like 'A%'or  CUS_NAME like '%A';
```

Result Grid | | Filter Rows: | | Export: | Wrap Cell Content: IA

CUS_NAME	CUS_GENDER
AAKASH	M
AMAN	M
NEHA	F
MEGHA	F

9) Create a stored procedure to display supplier id, name, rating and Type_of_Service. For Type_of_Service, If rating =5, print "Excellent Service",If rating >4 print "Good Service", If rating >2 print "Average Service" else print "Poor Service"

```
1 •    call proc();
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content:

SUPP_NAME	SUPP_ID	rating	value_of_customer
Appario Ltd.	2	4	Average Service
Rajesh Retails	1	3	Average Service
Mittal Ltd.	5	1	Poor Service
Appario Ltd.	2	2	Poor Service
Rajesh Retails	1	4	Average Service
Mittal Ltd.	5	3	Average Service
Bansal Retails	4	4	Average Service
Appario Ltd.	2	4	Average Service
Rajesh Retails	1	3	Average Service
Knome products	3	5	Excellent
Rajesh Retails	1	3	Average Service
Bansal Retails	4	4	Average Service
Rajesh Retails	1	2	Poor Service
Rajesh Retails	1	1	Poor Service
Rajesh Retails	1	1	Poor Service
Rajesh Retails	1	0	Poor Service