

## TPSQL

Consider the database classicmodel in file classicmodelschema.pdf. Write SQL query for the following questions.

1. Show first name and last name of customer from France.
2. Show the first name and last name of employee who is a sale manager.
3. Pair the name and number of employees along with the name of his/her advisor.
4. Pair the name and number of customers along with the name of sale representative that work with them.  
If the sale representative is null, replace it with N/A.
5. Show information of customer, if the creditlimited is greater than 80 000, then the customer is vip. If not he is normal.
6. Show all product which is in “classic car” product line.
7. Show all products containing “Toyota” in its name.
8. Show all products with the scale smaller than 1:24.
9. Show all products from the vendor “Autoart Studio Design”.
10. Show all products with MSRP (the manufacturer’s suggested retail price) higher than twice the cost of buyPrice.
11. Show information of sale representative of the customer “Land of toys Inc.”
12. Show information about order that is shipped later than the required date.
13. Show all orders made by “La Rochelle Gifts”.
14. Show all products ordered by “La Rochelle Gifts”.
15. Show customer’s name who has ordered more than 15 products in once.
16. Show the best-selling product in “2004-02”.
17. Find the lowest sale price of each product.
18. Find the biggest gape of sale price of each product.
19. Find the product with the biggest gape of sale price.
20. Find the total cost of all orders of each customer.
21. Find the top customer (with the highest total sale cost) of each city.
22. Show monthly income, purchase expense, and profit in a specific year. An order that is placed in which month would be considered as part of income of that month; the state of shipment and payment are taken into account.

year(orderDate)	month(orderDate)	incomes	purchase_expense	profit
2004	1	292385.21000000014	172932.18000000002	119453.03000000012
2004	2	289502.83999999997	175959.49000000002	113543.34999999995
2004	3	217691.26	131090.90000000002	86600.35999999999
2004	4	187575.77000000005	111671.98	75903.79000000005
2004	5	206880.09000000005	120445.99999999996	86434.0900000001
2004	6	213092.46	127161.01000000002	85931.44999999997
2004	7	325563.4900000001	197367.70000000004	128195.79000000007
2004	8	419327.08999999999	252568.51000000013	166758.57999999978
2004	9	283799.79999999999	169116.14999999997	114683.64999999999
2004	10	500233.85999999999	297742.3400000001	202491.51999999984
2004	11	979291.97999999996	586921.0599999998	392370.91999999998
2004	12	428838.17	261630.19000000003	167207.97999999995

23. The same as number 14, but we want months as columns and incomes, purchase\_expense, and profit as rows.

[illegible]