

## Write SQL queries for the following questions:

- 1. Show the first name, last name and telephone number for all the employees, except those who live in UK.
- 2. Show all product details for products whose unit price is greater than \$10 and quantity in stock greater than 2. Sort by product price.
- 3. Show the first name, last name and telephone number for the employees who started working in the company in 1992-1993.
- 4. Show the product name, Company name of the supplier and stock quantity of the products that have 15 or more items in stock and the Product name starts with B or C or M.
- 5. Show all details for products whose Category Name is 'Meat/Poultry' Or 'Dairy Products'. Sort them by product name.
- 6. Show Category name, Product name and profit for each product (how much money the company will earn if they sell all the units in stock). Sort by the profit.
- 7. Show the Employees' first name, last name and Category Name of the products which they have sold (show each category once).
- 8. Show the first name, last name, telephone number and date of birth for the employees who are aged older than 35. Order them by last name in descending order.
- 9. Show each employee's name, the product name for the products that he has sold and quantity that he has sold.
- 10. Show for each order item the customer name and order id, product name, ordered quantity, product price and total price (Ordered quantity \* product price) and gap between ordered date and shipped date (the gap in days). Order by order id.
- 11. How much each customer paid for all the orders he had committed together?
- 12. In which order numbers was the ordered quantity greater than 10% of the quantity in stock?
- 13. Show how many Employees live in each country and their average age.
- 14. What would be the discount for all the London customers (together), if after 5 days of gap between the order date and shipping date they get a 5% discount per item they bought?
- 15. Show the product id, name, stock quantity, price and total value (product price \* stock quantity) for products whose total bought quantity is greater than 500 items.
- 16. For each employee display the total price paid on all of his orders that hasn't shipped yet.
- 17. For each category display the total sales revenue, every year.
- 18. Which Product is the most popular? (number of items)
- 19. Which Product is the most profitable? (income)
- 20. Display products that their price higher than the average price of their Category.
- 21. For each city (in which our customers live), display the yearly income average.
- 22. For each month display the average sales in the same month all over the years.
- 23. Display a list of products and OrderID of the largest order ever placed for each product.
- 24. Display for each year, the customer who purchased the highest amount.

Good Luck!