Lab1

1. Given a string ‘The lazy duck’ – display the trimmed value, print only ‘duck’, reverse of ‘lazy’, change the case to capital, find out the total number of characters & print ‘The active duck’
2. Find out the average cost of the product and display it Product Id wise.
3. In the Vendor table, check the credit rating, if its greater than 1 print the name with suffix – high and use it to display the Business Entity id, Name and Credit rating type
4. Create Tables – Employee & Department – EmpNo, First Name, LastName, FullName(Computed), EmpAge,Address, DeptNo – Department -> DeptNo, DeptName, EmpNos, Manager Name, ManagerID
5. Create references between dept & emp using dept no
6. Use Identity to auto generate the ids
7. Use check constraint for checking age to be great than 18
8. Use default constraint to use in address – make it Bangalore
9. Use Insert into Values -> to populate Employee & Department.
10. Drop the tables / retrieve the tables
11. Create unique constraint to Manager ID
12. Make default values for Emp Phone number (+91-100000)
13. Check for the gender (m/f) – rule
14. Disable the FK constraint
15. Use Select into to create a temp emp table for Full Name and Address
16. Replicate the Department table to create another DeptNew table and use Insert/Select for populating the DeptNo, DepName, ManagerName
17. Update the employee Name & EmpNos
18. Update for the top 5 rows – increment the quantity by double
19. Update records where the age is less than 18 – change it by 10
20. Create rules & defaults and bind to phone number in 2 tables and also for address – give default values
21. Delete all the employees who are above 58 years of age.
22. Truncate the DeptNew and insert new values again.
23. Show the Product Order Quantity by purchase order id and compute the unit price
24. Show the Product names without any duplicates and retrieve the first 25 rows
25. Count the total number of employees and also show the total number of Sales person using alias.
26. List out the full names of all vendor contacts displaying in descending.
27. List all the employees who has been on leave for more than 8 days
28. List all the employees who has more than 4 years of experience with the current company
29. Return orders placed on the last day of the month
30. Return employees with last name containing the letter 'a' twice or more
31. Return the three ship countries with the highest average freight in 2007
32. Return orders with total value(qty\*unitprice) greater than 10000 sorted by total value
33. Return all the cost data for products calculated based on sub total & grand total
34. Return all the orders placed on jan 2007