Logical operators like: AND, OR, Combining the AND and OR operator, Not Operator

Aggregate, Math and String functions: MIN, COUNT, MAX, AVG, SUM, ABS, POWER, ROUND, SQRT, EXP, MOD, TRUNC, FLOOR, CEIL, LOWER, INITCAP, UPPER, SUBSTR, ASCII, COMPOSE, TRANSLATE, LENGTH, LTRIM, RTRIM, TRIM, LPAD, RPAD, sysdate(), EXTRACT (), DATE FORMAT functions TO\_DATE (), TO\_CHAR ()

1. Display all the clients whose age is more than 25 years but less than 50 years
2. Display all the Salesman from Salesman\_Master table where “Sale” is more than his “Target” and “Target” is more than 100
3. Find the Salesman who are neither from Baroda nor from Surat.
4. Display total number of clients using Client\_Master Table.
5. Display the highest salary a salesman is getting.
6. Display all item names in upper case letters only
7. Display current date and time
8. Display average target given to the salesman.
9. Display the Birth Date (DOB in Student\_Master Table) in a new format. (Eg. February 12, 1998)
10. Display Date of Joining (DOJ, Faculty\_Master) of all faculties in DD/MM/YY format
11. Display Only Birth Date and Month of all the students from Student\_Master Table
12. Count the total number of employees.
13. Calculate the average salary of all the employees.
14. Determine the maximum and minimum salary. Rename the output as max\_salary and min\_salary respectively.
15. Count the number of employees having salary less than or equal to 15000.
16. List the details of Employee month wise in DD/MM/YY format.
17. List the DOB in the format ‘DD-Month-YY’ eg. 12-February-91

Use below given tables to solve queries based on it:

Distributor (Dno, DName, City, Phone)

Item (Item\_No, Item\_Name, Price, Weight)

Dist\_Item (Dno, Item\_No, Qty, Date)

1. Count total distributors

2. Find the total price of all items

3. Find the item wise total quantity of each item

4. Display all items whose name starts with “S”

5. Display Distribution details of all items with month (from the date) only.

6. Display the distributors whose city name starts with “B”

7. Find the highest weight of an item