PRACTICE QUERIES ON JOINS:

Aim: A query on conditional join.

Example :

Select * from order_master, order_details where order_no > 105;

Output:

Query on Equi join:

Example :

Select * from order_master om , order_details od where om.order_no=od.order_no;

Output:

Query on Natural join;

Example :

Select * from order_master natural join order_detail;

Output:

AIM: Practice Queries using Aggregate functions, Group By, Having Clause and Order Clause.

1) Avg(Average): Thisfunctionwillreturntheaverageofvaluesofthecolumnspecifiedin the argument of the column.

Example:

SQL>selectavg(comm)fromemp_master;

Test Output:

2) Min(Minimum):

Example:

SQL>Selectmin(salary)fromemp_master;
Test Output:

3) Max(Maximum):

Example:

SQL>selectmax(salary)fromemp_master;

Test Output:

4) Sum:

Example:

SQL>Selectsum(comm)fromemp_master; Test
 Output:

5) Count:

Syntax: Count(*)

Count(column name)

Count(distinctcolumnname

Example:

SQL>Selectcount(*)fromemp_master;
Test Output:

Example:
SQL>select count(comm) from emp_master;

Test Output:

Group By Clause
Example:

SQL>select deptno, count(*) from emp_master group by deptno;

Test Output:

Having Clause
Example

SQL>select deptno, count(*) from emp_master group by deptno having Deptno is not null;

Test Output:

Order By Clause:

Select<column(s)>from<TableName>where[condition(s)][orderby<columnname>[asc/] desc];

Example:

SQL>select empno, ename, salary from emp_master order by salary;

Test Output:

SQL>select empno, ename, salary from emp_master order by salary desc;

Test Output:

SQL*Plus having following operators.

Example

SQL>select salary+comm. From emp_master;

Salary+comm.

Test Output:

Example:

SQL>select salary+comm. net_sal from emp_master;

Test Output:

SQL>Select 12*(salary+comm) annual_netsal from emp_master;

 Test Output

Comparison Operators:

Example:

SQL>select * from emp_master where salary between 5000 and 8000;

Test Output:

IN Operator:

SQL>Select*from emp_master where deptno in(10,30);

Test Output:

LIKE Operator:

SQL>select*Fromemp_masterwherejoblike 'M%';

Test Output:

Logical operator:

SQL>select * From emp_master where job like
„_lerk";

Test Output:

AND Operator:

SQL>select * from emp_master where salary>5000 and comm<750 ;
 Test Output:

OR Operator:

SQL>select*from emp_master where salary>5000 or comm<750;

Test Output:

NOT Operator:
SQL>select* from emp_master where not salary=10000;

TestOutput: