

SQL Practice of Where Clause

Create below table Named **“Employee101”** and Insert given data

And perform the below Operations

EMP_NO	FIRST_NAME	SALARY	CITY	DEPT_ID
101	Alex	4000	Pune	1
102	Martin	5000	Mumbai	2
103	Melisa	7000	JayPur	3
104	Payal	8000	Chennai	1
105	Laila	8500	Pune	2
106	Katrina	9000	JayPur	3
107	Arjun	6500	Chennai	1
108	Ajay	3500	Mumbai	2
109	Robbert	10000	Nashik	3
110	Atul	8500	Nashik	1
101	Alex	4000	Pune	1
111	Ganesh	9500	Pune	1

Note in the below Examples User table name Employee101 instead of Employee

Q 1. Write a sql query to display employee details whose departmet id is 1;

Ans: `select * from Employee where dept_id=1;`

Q 2. Write a sql query to display employee details of those employee's whose city is Pune

Ans: `select * from Employee where city='Pune';`

Q. 3 Write a sql query to display employee details of those employee's whose city is not Pune.

Ans: `select * from Employee where city!='Pune';`

`select * from Employee where city <>'Pune';`

Q 4. write a sql query to display employee details of those employee's whose salary is greater than 5000

Ans: `select * from Employee where salary >5000;`

Q 5. write a sql query to display employee details of those employee's whose salary is less than 5000

Ans: `select * from Employee where salary < 5000;`

Q. 6. write a sql query to display employee details of those employee's whose salary is greater than or equal to 5000

Ans: `select * from Employee where salary >= 5000;`

Q 7. write a sql query to display employee details of those employee's whose salary is less than or equal to 5000

Ans: `select * from Employee where salary <= 5000;`

Note : `!<` not less and `!>` not greater than operator will not work in oracle

Q 8. write a sql query to display employee details of those employee's whose salary is between 5000 and 7000

Ans: `select * from Employee where salary between 5000 and 7000;`

Note : Between is operator which is used to specify the range.

Q 9.write a sql query to display employee details of those employee's whose salary is between 7000 and 9000

Ans: select * from Employee where salary between 7000 and 9000;

Q 10. write a sql query to display employee details of those employee's whose salary is not between 5000 and 7000

Ans: select * from Employee where salary not between 5000 and 7000;

Q 11. write a sql query to display details of employee whose salary is greater than 5000 and department id is 1

Ans: select * from Employee where salary >5000 and dept_id=1;

Q 12. write a sql query to display details of employee whose salary is greater than 5000 or department id is 1

Ans: select * from Employee where salary >5000 OR dept_id=1;

Q 13 . write a sql query to display employee details of those employee's whose employee no are 101,106, 105, 110

Ans: select * from Employee where emp_no IN(101,106,105,110);

Q 14 . write a sql query to display employee details of those employee's whose city
is Pune, Nashik

Ans: select * from Employee where city IN('Pune','Nashik');

Note: if we want to pass multiple values then use IN operator

Q 15. How many values we can pass to the IN operator?

Ans: 1000

Q 16 . What is range of IN operator?

Ans: 1000

Q 17 . write a sql query to display employee details of those employee's whose employee numbers are no 101,106, 105, 110

Ans: select * from Employee where emp_no NOT IN (101,106,105,110);