**W3resource**

**Wildcard and Special operators**

**1.** From the following table, write a SQL query to find the details of those salespeople who come from the 'Paris' City or 'Rome' City. Return salesman\_id, name, city, commission.

Solution: select \* from salesman where city='Paris' or city='Rome';

**2.** From the following table, write a SQL query to find the details of the salespeople who come from either 'Paris' or 'Rome'. Return salesman\_id, name, city, commission.

Solution: select \* from salesman where not(city='Paris' or city='Rome');

**4.** From the following table, write a SQL query to retrieve the details of all customers whose ID belongs to any of the values 3007, 3008 or 3009. Return customer\_id, cust\_name, city, grade, and salesman\_id.

Solution: select \* from customer where customer\_id in(3007,3008,3009);

**5.** From the following table, write a SQL query to find salespeople who receive commissions between 0.12 and 0.14 (begin and end values are included). Return salesman\_id, name, city, and commission.

Solution: select \* from salesman where commission between 0.12 and 0.14;

**6.** From the following table, write a SQL query to select orders between 500 and 4000 (begin and end values are included). Exclude orders amount 948.50 and 1983.43. Return ord\_no, purch\_amt, ord\_date, customer\_id, and salesman\_id.

Solution: select \* from orders where (purch\_amt between 500 and 4000) and not(purch\_amt=948.50 or purch\_amt=1983.43);

**7.** From the following table, write a SQL query to retrieve the details of the salespeople whose names begin with any letter between 'A' and 'L' (not inclusive). Return salesman\_id, name, city, commission.

Solution: select \* from salesman where name between 'A' and 'L';

**8.** From the following table, write a SQL query to find the details of all salespeople except those whose names begin with any letter between 'A' and 'L' (not inclusive). Return salesman\_id, name, city, commission.

Solution: select \* from salesman where name not between 'A' and 'L';

**9.** From the following table, write a SQL query to retrieve the details of the customers whose names begins with the letter 'B'. Return customer\_id, cust\_name, city, grade, salesman\_id..

Solution: select \* from customer where cust\_name like 'B%';

**10.** From the following table, write a SQL query to find the details of the customers whose names end with the letter 'n'. Return customer\_id, cust\_name, city, grade, salesman\_id.

Solution: select \* from customer where cust\_name like '%n';

**11.** From the following table, write a SQL query to find the details of those salespeople whose names begin with ‘N’ and the fourth character is 'l'. Rests may be any character. Return salesman\_id, name, city, commission

Solution: select \* from salesman where name like 'N\_\_l%';

**12.** From the following table, write a SQL query to find those rows where col1 contains the escape character underscore ( \_ ). Return col1.

Solution: select \* from testtable where col1 like '%/\_%' escape '/';

**13.** From the following table, write a SQL query to identify those rows where col1 does not contain the escape character underscore ( \_ ). Return col1.

Solution: select \* from testtable where col1 not like '%/\_%' escape '/';

**14.** From the following table, write a SQL query to find rows in which col1 contains the forward slash character ( / ). Return col1.

Solution: select \* from testtable where col1 like '%/%'

**15.** From the following table, write a SQL query to identify those rows where col1 does not contain the forward slash character ( / ). Return col1.

Solution: select \* from testtable where col1 not like '%/%'

**16.** From the following table, write a SQL query to find those rows where col1 contains the string ( \_/ ). Return col1.

Solution:select \* from testtable where col1 like '%\_/%';

**17.** From the following table, write a SQL query to find those rows where col1 does not contain the string ( \_/ ). Return col1.

Solution: select \* from testtable where col1 not like '%/\_//%' escape '/';

**18.** From the following table, write a SQL query to find those rows where col1 contains the character percent ( % ). Return col1.

Solution: select \* from testtable where col1 like '%/%%' escape '/';

**19.** From the following table, write a SQL query to find those rows where col1 does not contain the character percent ( % ).

Solution: select \* from testtable where col1 not like '%/%%' escape '/';

**20.** From the following table, write a SQL query to find all those customers who does not have any grade. Return customer\_id, cust\_name, city, grade, salesman\_id.

Solution: select \* from customer where grade is null;

**21.** From the following table, write a SQL query to locate all customers with a grade value. Return customer\_id, cust\_name,city, grade, salesman\_id.

Solution: select \* from customer where grade is not null;

**22.** From the following table, write a SQL query to locate the employees whose last name begins with the letter 'D'. Return emp\_idno, emp\_fname, emp\_lname and emp\_dept.

Solution: select \* from emp\_details where EMP\_LNAME like 'D%';