

比較運算符

比較運算符

比較運算符用於一個表達比較到另一個。結果總是 TRUE, FALSE或NULL。

運算符	描述	示例
LIKE	LIKE操作一個字符，字符串或CLOB值進行比較匹配模式則返回TRUE，如果不匹配模式則FALSE	如果 'Zara Ali' like 'Z% A_i' 返回一個布爾值 true， 然而, 'Nuha Ali' like 'Z% A_i' 返回布爾值 false
BETWEEN	BETWEEN 運算符測試一個值是否位於規定的範圍內. x BETWEEN a AND b 意思就是 x >= a and x <= b.	如果 x = 10 那麼 x between 5 and 20 返回 true, x between 5 and 10 返回 true, 但是 x between 11 and 20 返回 false
IN	IN運算符的測試設置成員. x IN (set) 意味著x 等於集合中的某一個成員	如果 x = 'm' then, x in ('a', 'b', 'c') 返回布爾值 false, 但x在('m', 'n', 'o') 返回布爾值 true.
IS NULL	IS NULL運算符返回布爾值true，如果它的操作數是NULL或FALSE(如果它不為NULL)。包括NULL值的比較總能取得NULL	如果 x = 'm', 那麼 'x is null' 返回布爾值false

=====

LIKE 運算符 範例：

'Z%A_p'：Z開頭，p結尾

'N%A_i'：N開頭，i結尾

```

DECLARE

-- PROCEDURE
PROCEDURE compare (value varchar2, pattern varchar2 ) is
BEGIN
    IF value LIKE pattern THEN
        dbms_output.put_line ('True');
    ELSE
        dbms_output.put_line ('False');
    END IF;
END;

BEGIN
    compare('Zara Ali', 'Z%A_p');
    compare('Nuha Ali', 'N%A_i');
END;
/

```

db<>fiddle

By using db<>fiddle, you agree to license everything you submit by [Creative Commons CC0](https://creativecommons.org/licenses/by/4.0/).

<pre> 1 DECLARE 2 3 -- PROCEDURE 4 PROCEDURE compare (value varchar2, pattern varchar2) is 5 BEGIN 6 IF value LIKE pattern THEN 7 dbms_output.put_line ('True'); 8 ELSE 9 dbms_output.put_line ('False'); 10 END IF; 11 END; 12 \$ 13 BEGIN 14 compare('Zara Ali', 'Z%A_p'); 15 compare('Nuha Ali', 'N%A_i'); 16 END; 17 / </pre>	<pre> 1 rows affected dbms_output: False True </pre>
---	---

=====

BETWEEN 運算符 範例：

```

DECLARE
    x number(3) := 10;
BEGIN
    IF (x between 5 and 20) THEN
        dbms_output.put_line('True');
    ELSE
        dbms_output.put_line('False');
    END IF;

```

```

IF (x BETWEEN 5 AND 10) THEN
    dbms_output.put_line('True');
ELSE
    dbms_output.put_line('False');
END IF;

IF (x BETWEEN 11 AND 20) THEN
    dbms_output.put_line('True');
ELSE
    dbms_output.put_line('False');
END IF;
END;
/

```

db<>fiddle
Oracle
21c
run
markdown

By using db<>fiddle, you agree to license everything you submit by [Creative Commons CC0](#).

1 DECLARE
2 x number(3) := 10;
3 BEGIN
4 IF (x between 5 and 20) THEN
5 dbms_output.put_line('True');
6 ELSE
7 dbms_output.put_line('False');
8 END IF;
9
10 IF (x BETWEEN 5 AND 10) THEN
11 dbms_output.put_line('True');
12 ELSE
13 dbms_output.put_line('False');
14 END IF;
15
16 IF (x BETWEEN 11 AND 20) THEN
17 dbms_output.put_line('True');
18 ELSE
19 dbms_output.put_line('False');
20 END IF;
21 END;
22 /

1 rows affected

dbms_output:
True
True
False

=====

IN和IS NULL運算符 範例：

```

DECLARE
    letter varchar2(1) := 'm';
BEGIN
    IF (letter in ('a', 'b', 'c')) THEN
        dbms_output.put_line('True');
    ELSE
        dbms_output.put_line('False');
    END IF;

    IF (letter in ('m', 'n', 'o')) THEN
        dbms_output.put_line('True');
    END IF;
END;

```

```

ELSE
    dbms_output.put_line('False');
END IF;

IF (letter is null) THEN
    dbms_output.put_line('True');
ELSE
    dbms_output.put_line('False');
END IF;
END;
/

```

db<>fiddle

By using db<>fiddle, you agree to license everything you submit by [Creative Commons CC0](https://creativecommons.org/licenses/by/4.0/).

<pre> 1 DECLARE 2 letter varchar2(1) := 'm'; 3 BEGIN 4 IF (letter in ('a', 'b', 'c')) THEN 5 dbms_output.put_line('True'); 6 ELSE 7 dbms_output.put_line('False'); 8 END IF; 9 10 IF (letter in ('m', 'n', 'o')) THEN 11 dbms_output.put_line('True'); 12 ELSE 13 dbms_output.put_line('False'); 14 END IF; 15 16 IF (letter is null) THEN 17 dbms_output.put_line('True'); 18 ELSE 19 dbms_output.put_line('False'); 20 END IF; 21 END; 22 / </pre>	<p>1 rows affected</p> <pre> dbms_output: False True False </pre>
--	---

=====