

| Cor Comparison | npari operato | i son Opera ors: | tors |
|--------------------------|------------------|----------------------------|------|
| | Operator | Meaning | |
| | = | equals | |
| | <> or != | not equals | |
| | < | less than | |
| | > | greater than | |
| | <= | less than or equal | |
| | >= | greater than or equal | |
| | BETWEEN | a BETWEEN x AND y | |
| | | ≡ a >= x AND a <= y | |
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| true true true | true | | |
|--------------------|-------|-----------|-------|
| | arac | 2 | NOT |
| true false false | true | a true | falsa |
| true NULL NULL | true | true | Idise |
| false false false | false | taise | true |
| false NULL false I | NULL | NULL | NULL |
| NULL NULL I | NULL | | |

Logical Operators





| Usage | |
|---|----------------------------------|
| The above operators are most used in WHERE SELECT * FROM mines_cs_faculty WHERE office IS NOT NULL; SELECT * FROM mines_cs_faculty WHERE name LIKE 'Scheistophen'; | |
| Can also use in other clauses if t/f value is desired: SELECT 'foobar' LIKE 'f_o_a_'; ?column? t | OTHER FUNCTIONS AND OPERATORS |
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| Lots to choose from here, too. A sampling: | | | | |
|--|--------------------------|--|--|--|
| Operator or Function | Meaning | Examples | | |
| II | concatenation | 'foo' 'bar' → 'foobar' 'answer:' 42 → 'answer:42' | | |
| lower(s) | convert to all lowercase | lower('SQL Yay') → 'sql yay' | | |
| substring(s from x for y) | substring | substring('hello' from 4) \rightarrow 'lo' | | |
| rtrim(s, chars) | remove chars from right | rtrim('joe2', '123') → 'joe' | | |
| Translate(s, from, to) | replace characters | translate('hello', 'eo', 'au') \rightarrow 'hallu' | | |
| C | | | | |



| Usage | Up Next |
|---|--|
| Pretty much anywhere SELECT lastname ', ' firstname FROM person; | Next lecture: Intro to SQL: Schemas and aliasing, joins. |
| SELECT * FROM sales WHERE amt + tax > 100.0; | |
| UPDATE employee SET salary = salary * 1.04; | |
| SELECT * FROM foo GROUP BY substring(bar from 1 for 3); | |
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