

## 1.8

# AND, OR, NOT Logical Operators

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- *Logical operators* are used in the WHERE clause
- You may use multiple *logical operators* in a WHERE clause to create a Compound condition. The order of evaluation when multiple operators are used is shown in the table above.

Table 6. Logical Operators

Operator	Description	Order of Evaluation
NOT	( a NOT b ) – <b>a</b> must be present but <b>b</b> must NOT be present to be included	1
AND	( a AND b ) – If both <b>a</b> and <b>b</b> are present, item is included	2
OR	( a OR b ) – If either <b>a</b> OR <b>b</b> is present item is included	3

Example:

```
USE world;  
SELECT name, population  
FROM country  
WHERE region = 'caribbean'  
AND population > 100000  
ORDER BY population ASC;
```

Results:

```
1 • SELECT name, population
2 FROM world.country
3 WHERE region = 'caribbean' AND
4     population > 100000
5 ORDER BY population ASC;
```

Result Grid | Filter Rows:

	name	population
▶	Aruba	103000
	Saint Vincent and the Grenadines	114000
	Saint Lucia	154000
	Netherlands Antilles	217000
	Barbados	270000
	Bahamas	307000
	Martinique	395000



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