

1.4

Arithmetic Operators

Arithmetic Operators

- Arithmetic operators can be used in the SELECT, WHERE, and ORDER BY clauses.
- Operators are evaluated in the same way as arithmetic in other contexts.

Table 4. Operators and precedence order

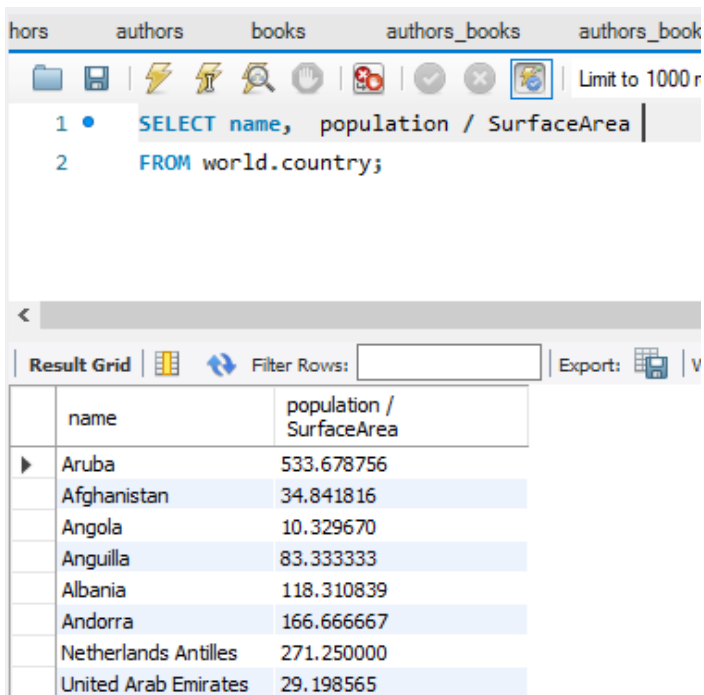
Operator	Name	Order of Precedence
*	Multiplication	1
/	Division	1
DIV	Integer Division	1
%(MOD)	Modulo (remainder)	1
+	Addition	2
-	Subtraction	2

Code Example:

```
USE world;  
SELECT name, population / SurfaceArea  
AS "People per square mile"
```

FROM country;

Results:

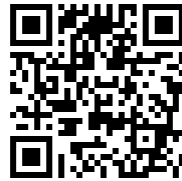
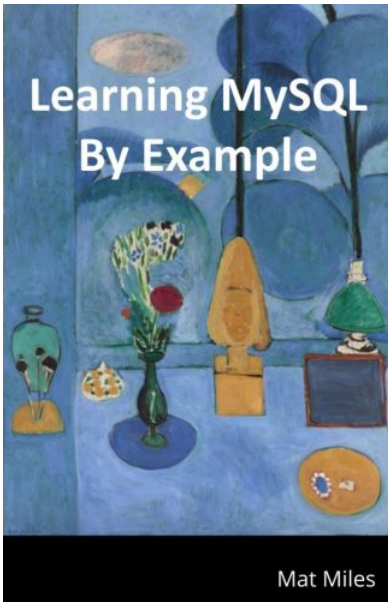


The screenshot shows a MySQL query editor window with the following SQL query:

```
1 • SELECT name, population / SurfaceArea  
2 FROM world.country;
```

Below the query editor, the results are displayed in a table grid. The table has two columns: 'name' and 'population / SurfaceArea'. The results are as follows:

name	population / SurfaceArea
Aruba	533.678756
Afghanistan	34.841816
Angola	10.329670
Anguilla	83.333333
Albania	118.310839
Andorra	166.666667
Netherlands Antilles	271.250000
United Arab Emirates	29.198565



Miles, M. (2021). *Learning MySQL By Example*. EdTech Books. https://edtechbooks.org/learning_mysql