1.3

LIKE and REGEXP Operators

LIKE and REGEXP Operators

- The LIKE keyword is used with the WHERE clause.
- The LIKE keyword and can use two symbols as wildcards. The percent (%) symbol matches any number of characters and the underscore (_) matches a single character
- REGEXP keyword allows you to do more complex pattern matching than a LIKE keyword/
- Some version of REGEXP exists in many computer languages. Refer to the “LIKE and REGEXP” handout for a full list of examples.

Table 2. LIKE Keyword

LIKE Symbol	Description
%	Match any string of characters to the left of the symbol
_	Match a single character

Code Example:

```
USE world;
SELECT name
FROM country
WHERE name LIKE ‘A%’
```

Results:

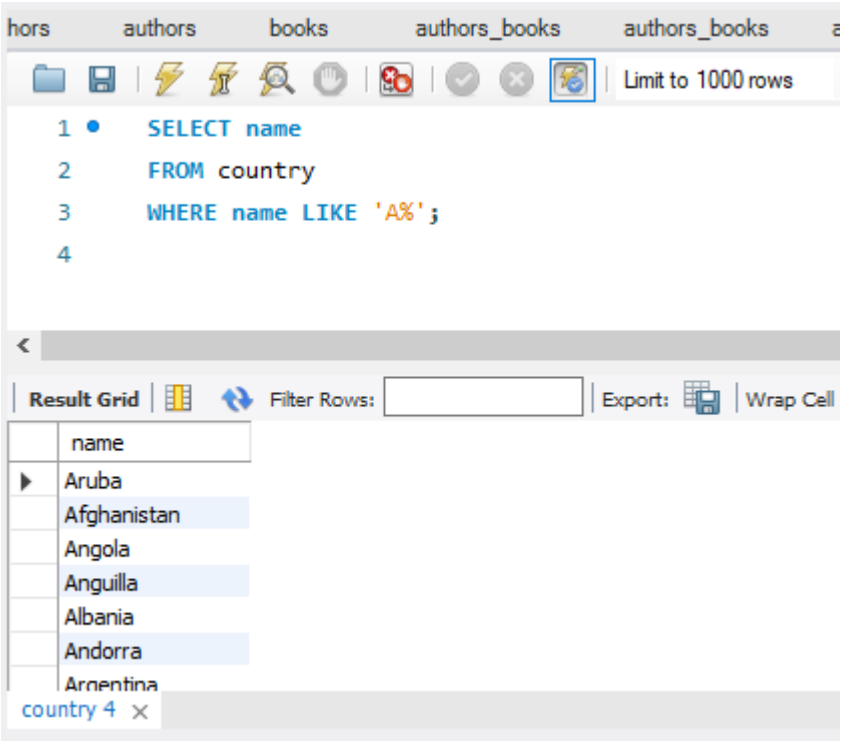


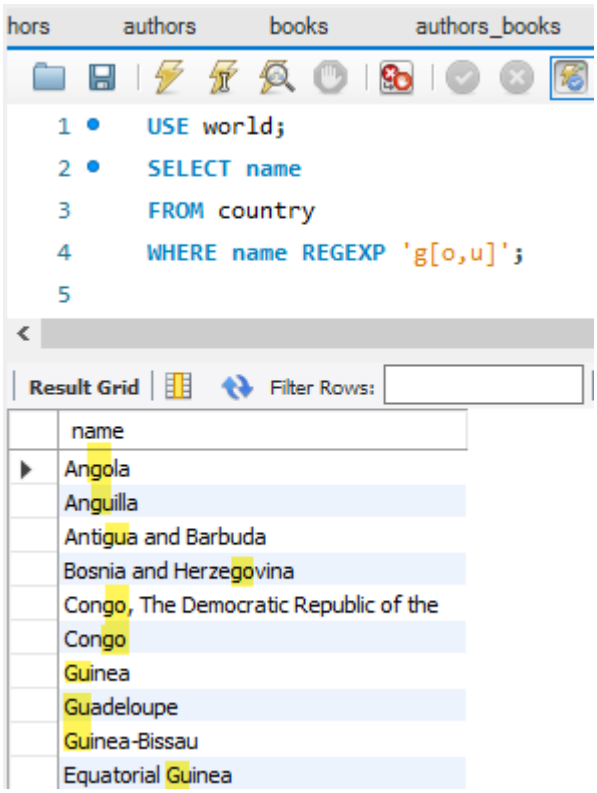
Table 3. REXEXP Keyword

REGEXP Characters	Description
^	Match the pattern to the beginning of the value being tested.
$	Match the pattern to the end of the value being tested.
.	Matches any single character.
[charlist]	Matches any single character listed within the brackets.
[char1 – char2]	Matches any single character within the given range.
|	Separates two string patterns and matches either one

Code Example:

```
USE world;
SELECT name
FROM country
WHERE name REGEXP 'g[o,u]';
```

Results:



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