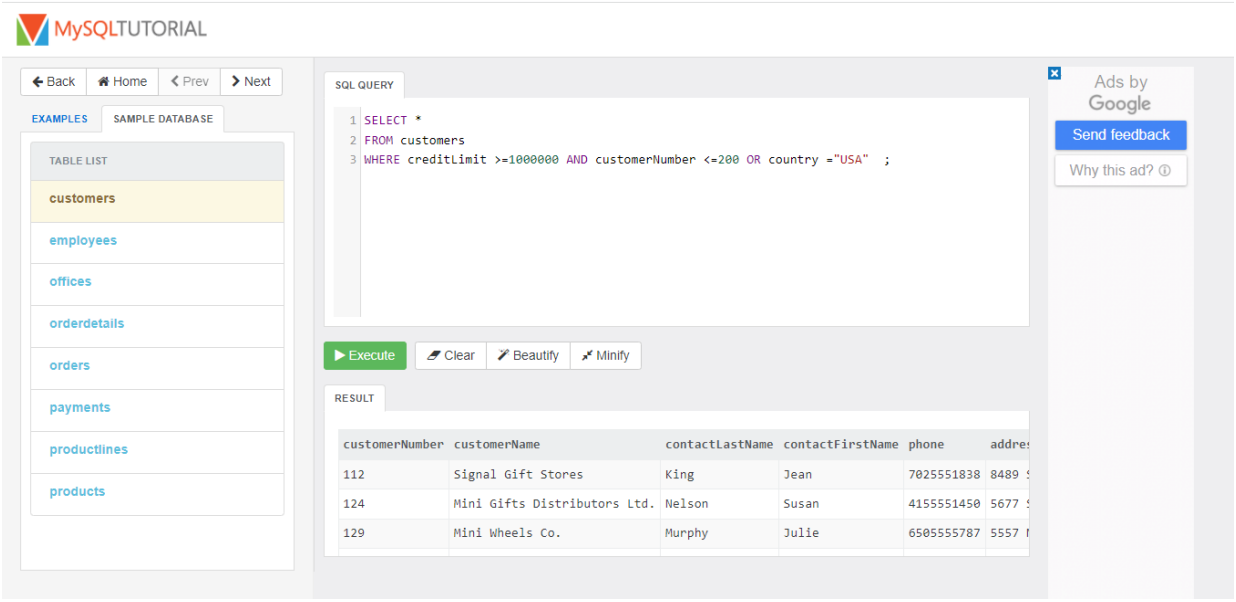
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SQL QUERY
1 SELECT *
2 FROM customers
3 WHERE creditLimit >=1000000 AND customerNumber <=200 OR country ="USA" ;
Execute
Clear
Beautify
Minify
RESULT
customerNumber customerName contactLastName contactFirstName phone
112 Signal Gift Stores King Jean 7025551838
124 Mini Gifts Distributors Ltd. Nelson Susan 4155551450
129 Mini Wheels Co. Murphy Julie 6505555787
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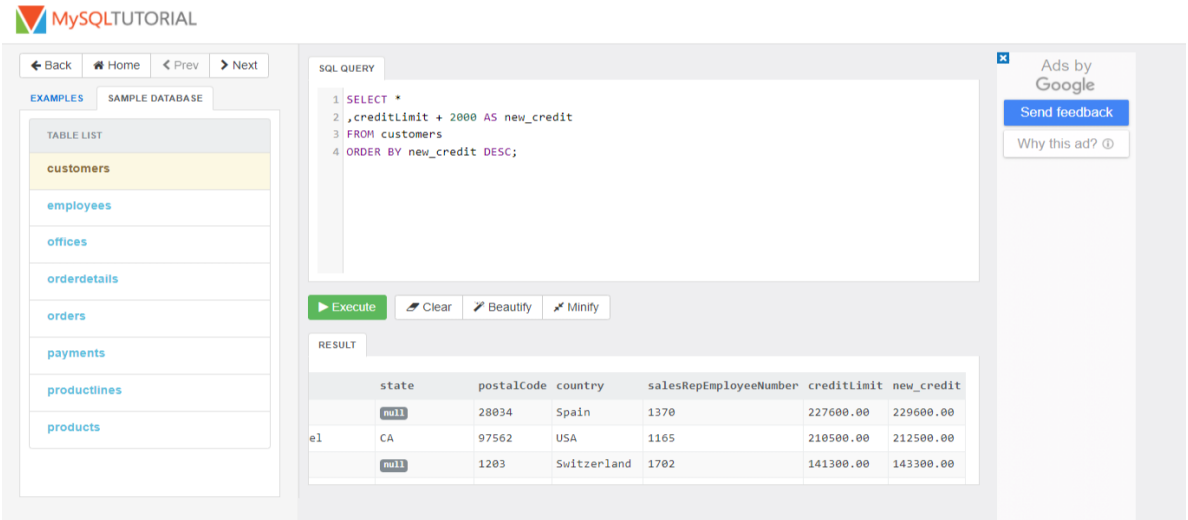
Why this ad?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SQL QUERY
1 SELECT *
2 ,creditLimit + 2000 AS new_credit
3 FROM customers
4 ORDER BY new_credit DESC;
Execute
Clear
Beautify
Minify
RESULT
state postalCode country salesRepEmployeeNumber creditLimit new_credit
null 28034 Spain 1370 227600.00 229600.00
el CA 97562 USA 1165 210500.00 212500.00
null 1203 Switzerland 1702 141300.00 143300.00
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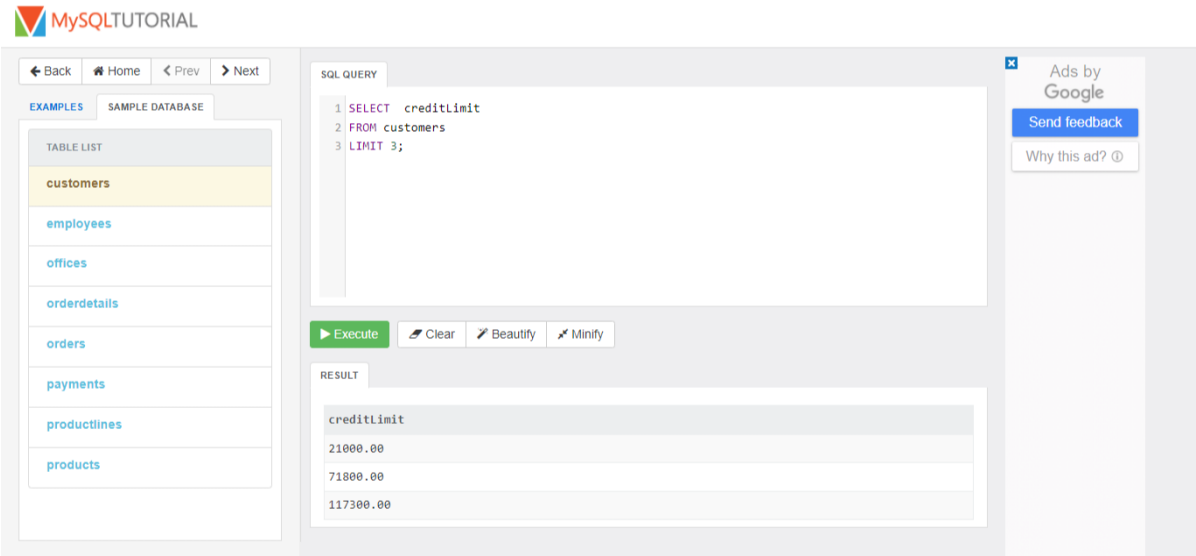
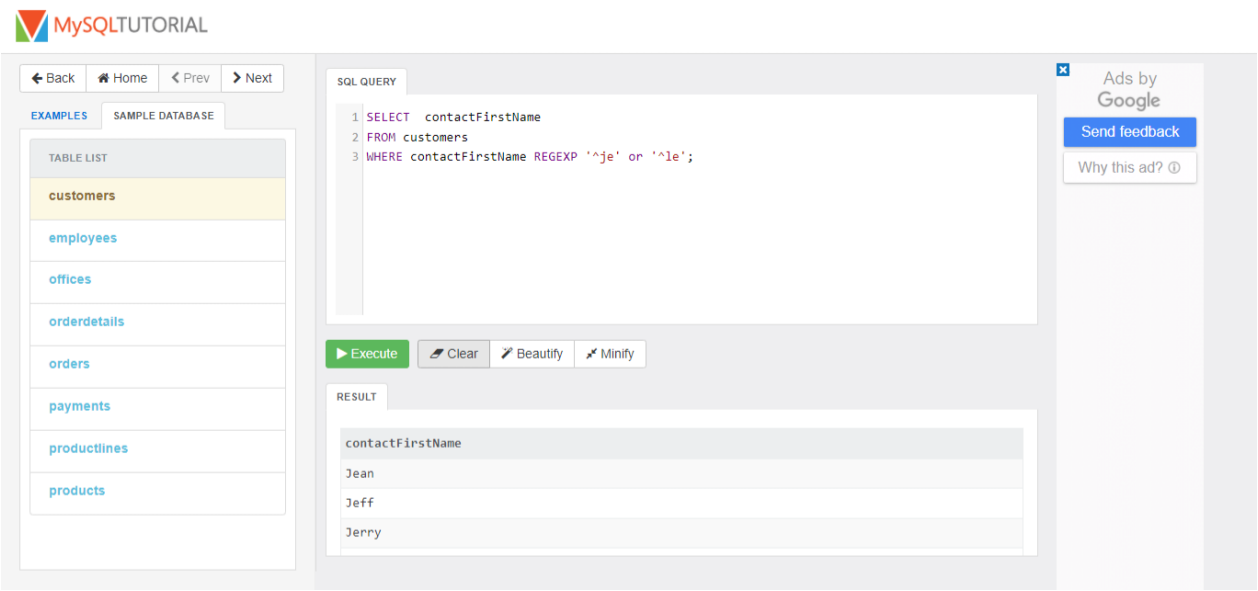


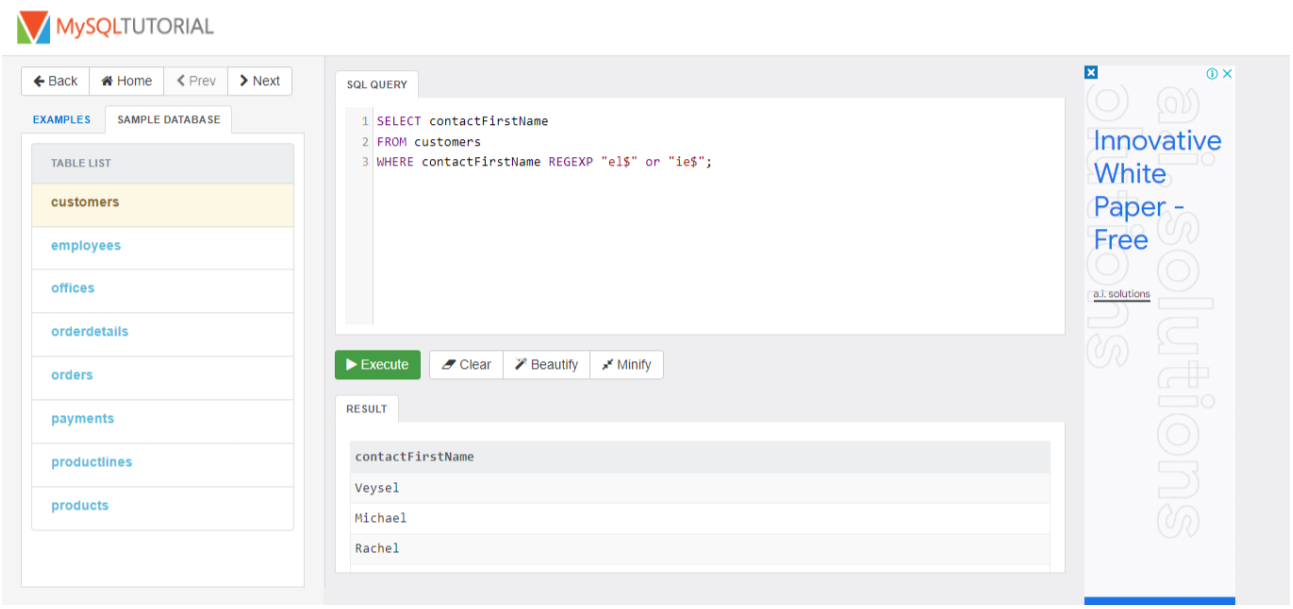
A regular expression is a special text string for describing a search pattern. You can think of regular expressions as wildcards on steroids. You are probably familiar with wildcard notations such as *.txt to find all text files in a file manager. The regex equivalent is .*\.txt.

But you can do much more with regular expressions. In a text editor like EditPad Pro or a specialized text processing tool like PowerGREP, you could use the regular expression \b[A-Z0-9._%+-]+@[A-Z0-9.-]+\.[A-Z]{2,6}\b to search for an email address. Any email address, to be exact. A very similar regular expression can be used by a programmer to check if the user entered a properly formatted email address. In just one line of code, whether

that code is written in Perl, PHP, Java, a .NET language or a multitude of other languages.

Since “regular expressions” is a mouthful, you will usually find the term abbreviated as “regex” or “regexp”. We prefer “regex”, since it can be easily pluralized as “regexes”.

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1 SELECT contactFirstName
2 FROM customers
3 WHERE contactFirstName REGEXP "el$" or "ie$";
Execute
Clear
Beautify
Minify
RESULT
contactFirstName
Veysel
Michael
Rachel
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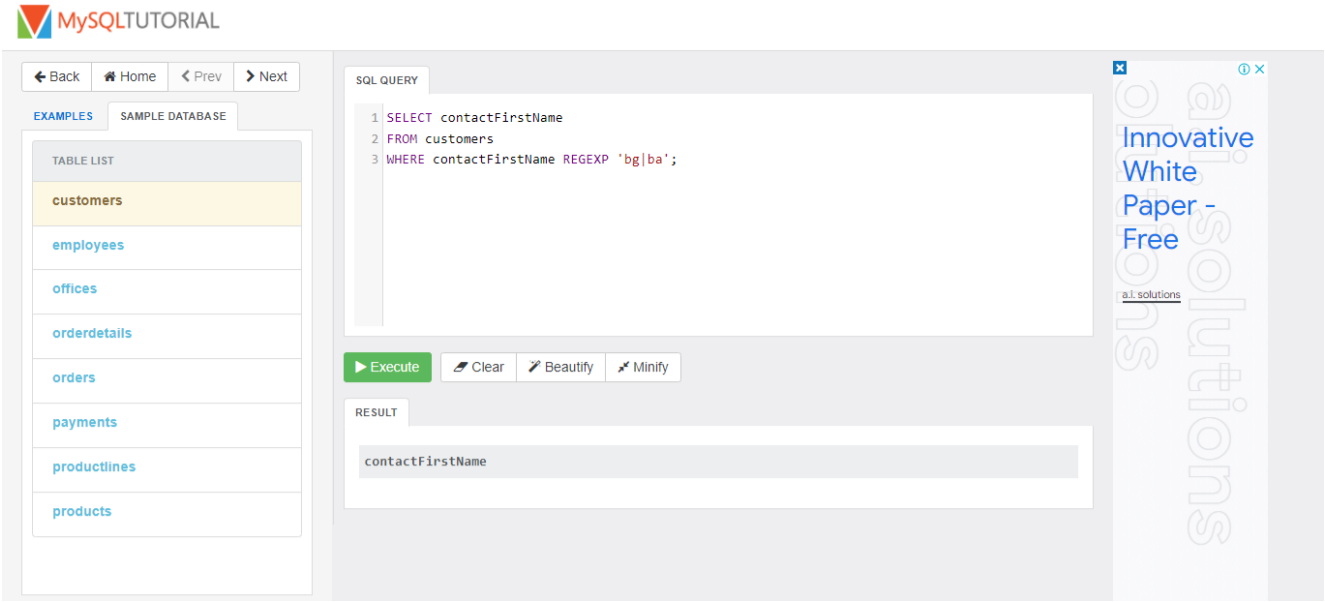
a.i. solutions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2 FROM customers
3 WHERE contactFirstName REGEXP 'bg|ba';
Execute
Clear
Beautify
Minify
RESULT
contactFirstName
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