Chapter 9

1)

USE ap;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) invoice\_total, ROUND(invoice\_total, 1) AS one\_digit, ROUND(invoice\_total, 0) AS zero\_digits\_round, [TRUNCATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/mathematical-functions.html#function_truncate)(invoice\_total, 0) AS zero\_digits\_truncate FROM invoices

2)

USE ex;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) start\_date, DATE\_FORMAT(start\_date, '%b/%d/%y') AS format1, DATE\_FORMAT(start\_date, '%c/%e/%y') AS format2, DATE\_FORMAT(start\_date, '%l:%i %p') AS twelve\_hour, DATE\_FORMAT(start\_date, '%c/%e/%y %l:%i %p') AS format3 FROM date\_sample

3)

USU ap;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html" \t "mysql_doc) vendor\_name, UPPER(vendor\_name) AS vendor\_name\_upper, vendor\_phone, SUBSTRING(vendor\_phone, 11) AS last\_digits, [REPLACE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/replace.html)([REPLACE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/replace.html)([REPLACE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/replace.html)(vendor\_phone, '(', ''), ') ', '.'), '-', '.') AS phone\_with\_dots, [IF](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/control-flow-functions.html#function_if)(LOCATE(' ', vendor\_name) = 0, '', [IF](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/control-flow-functions.html#function_if)(LOCATE(' ', vendor\_name, LOCATE(' ', vendor\_name) + 1) = 0, SUBSTRING(vendor\_name, LOCATE(' ', vendor\_name) + 1), SUBSTRING(vendor\_name, LOCATE(' ', vendor\_name) + 1, LOCATE(' ', vendor\_name, LOCATE(' ', vendor\_name) + 1) - LOCATE(' ', vendor\_name)))) AS second\_word FROM vendors

4)

USE ap;

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) invoice\_number, invoice\_date, DATE\_ADD(invoice\_date, [INTERVAL](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#function_interval) 30 DAY) AS date\_plus\_30\_days, payment\_date, DATEDIFF(payment\_date, invoice\_date) AS days\_to\_pay, MONTH(invoice\_date) AS "month", [YEAR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html)(invoice\_date) AS "year" FROM invoices WHERE invoice\_date > '2014-04-30' [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) invoice\_date < '2014-06-01'