	ACTION	COMMAND	EXAMPLE
D A T A T Y P E S	CHAR	**\<columnname> CHAR(#)**	Fixed length, faster, 0 to 255
	VARCHAR	**\<columnname> VARCHAR(#)**	
	DECIMAL	**\<columnname> DECIMAL(M,D)**	M : MAX(total) no:of digits including decimal : 1 to 65 D : digits after decimal point : 0 to 30" fixed point type exact calculations
	FLOAT	**\<columnname> FLOAT**	Calculations are approximate (have precision issues)
	DOUBLE		
	DATE	**\<columnname> DATE**	yyyy-mm-dd format
	TIME	**\<columnname> TIME**	HH:MM:SS format
	DATETIME	**\<columnname> DATETIME**	store datetime information....yyyy-mm-dd HH:MM:SS format
	CURDATE	**CURDATE()**	Current date
	CURTIME	**CURTIME()**	current time
	NOW	**NOW()**	current datetime
	Formatting Dates	**DAY(\<columnname>)** **DAYNAME(\<columnname>)** **DAYOFWEEK(\<columnname>)** **DAYOFYEAR(\<columnname>)** **MONTH(\<columnname>)** **MONTHNAME(\<columnname>)** **HOUR(\<columnname>)** **MINUTE(\<columnname>)** **DATE_FORMAT(\<columnname>, '@ %W')** **DATE_FORMAT(\<columnname>, '%m/%d/%Y at %h:%i')**	SELECT DAYOFWEEK(CURDATE()); SELECT DAYOFWEEK(NOW()); SELECT DATE_FORMAT(NOW(), '%w') + 1; SELECT DAYNAME(NOW()); SELECT DATE_FORMAT(NOW(), '%W'); SELECT DATE_FORMAT(CURDATE(), '%m/%d/%Y'); SELECT DATE_FORMAT(NOW(), '%M %D at %h:%i');
	Date Math	**DATEDIFF(NOW(), \<columnname>)** **DATE_ADD(\<columnname>, INTERVAL 1 MONTH)** **DATE_ADD(\<columnname>, INTERVAL 10 SECOND)** **DATE_ADD(\<columnname>, INTERVAL 3 QUARTER)** **\<columnname> + INTERVAL 1 MONTH** **\<columnname> - INTERVAL 5 MONTH** **\<columnname> + INTERVAL 15 MONTH + INTERVAL 10 HOUR**	
	TIMESTAMP	**TIMESTAMP DEFAULT NOW()** **TIMESTAMP DEFAULT NOW() ON UPDATE CURRENT_TIMESTAMP**	TIMESTAMP has a smaller range. TIMESTAMP also takes up less space. TIMESTAMP is used for things like meta-data about when something is created or updated.store datetime information