

less memory at the cost of precision. float -> 4 bytes , 7 digits double -> & byter , is digits Date and time date -> YYYY-MM-DD 2023-08-09 time -> FIH : MM: SS 21: 05:32 datetime -> YYYY-MM-DD HH:MM: SS 2023-08-09 21:05:32 curdate() -> it gives today's date custimer) -> it sives consent time now () -> it gives coneut date time y at any place s or filling the data also. SQL Date and time documentation: https://dev.mysgl.com/doc/refman/8. O/en/date-and-time-functions.html formatting dates and time uring function & Name Add time values (intervals) to a date value ADDTIME()

CURRE			
CURRE OUT TO THE COURT OF THE C		CONVERT_TZ()	Convert from one time zone to another
CURRENT TI CURRENT TI CURRENT TI DATE CURRENT TI DATE CURRENT TI DATE CURRENT TI DATE DATE DATE DAYON TERMAN FROM FROM MANEI LOCAL E LOCAL E LOCAL TIMES MARKEL MANEI MANEI MONTE MONTE MONTE DEPTIC QUART SEC T SECON STR T SUBDA SUBTI TIME TIME TIME TIME TIME TIME TIME TI	Ţ	CURDATE ()	Return the current date
CURRE CURRE CURRE CURRE CURTI DATE DATE DATE DATE DATE DAYO DAYOF		CURRENT DATE(), CURRE	Synonyms for CURDATE()
CURRE		CURRENT TIME(), CURRE	Synonyms for CURTIME()
CURRE CURTI DATE DATE DATE DATE DATE DATE DAY DAYON DA		NT TIME	
CURTI DATE DATE DATE DATE DATE DAYON FROM GET F HOUR LAST LOCAL E LOCAL E LOCAL TIMES MARKEL MANNEL MAN		CURRENT TIMESTAMP(),	Synonyms for NOW()
DATE DATE DATE DATE DATE DAYO DAYOR FROM GET F HOUR LAST LOCAL E LOCAL E LOCAL E LOCAL TIME TIME TIME TIME TIME TIME TIME TIME		CURTIME()	Return the current time
DATE DATE DATE DATE DAYON FROM GET F HOUR LAST LOCAL E LOCAL TIMES MARKEL MAR		DATE()	Extract the date part of a date or datetime expression
DATE DATE DAY() DAY() DAY() DAYON DAYON DAYON DAYON DAYON DAYON FROM FROM FROM GET E LOCAL E LOCAL TIMES MAKEL MANNEL MANNEL MONTH NOW() PERIC QUARI SEC 1 SECON STR 1 SUBDA SUBTI SYSDR TIME (TIME (TIME) TIMES		DATE_ADD()	Add time values (intervals) to a date value
DATEL DAY() DAYNA DAYOF FROM FROM FROM FROM FROM FROM HOURI LAST LOCAL TIMES MAKEL MARKEL MARK		DATE FORMAT()	Format date as specified
DAY() DAYON DAYON DAYON DAYON DAYON DAYON DAYON CEXTRA FROM GET F HOUR, LAST LOCAL LOCAL TIMES MAKET MANET MICRO MINUT MONTH MONTH SEC 1 SECON STR 1 SUBDA SUBTI SYSDA TIME TIME TIMES TIM		DATE SUB()	Subtract a time value (interval) from a date
DAYON DAYON DAYON DAYON DAYON DAYON DAYON DAYON DAYON EXTRA FROM FROM GET E HOUR LAST LOCAL E LOCAL TIMES MAKET MICRO MINUT MONTH MONTH MONTH MONTH SECON STR T SUBDA SUBTI SUBDA SUBTI TIME TIME TIME TIME TIME TIME TIME TI		DATEDIFF()	Subtract two dates
DAYOF DAYOF DAYOF DAYOF DAYOF EXTRA FROM FROM GET F HOUR LAST LOCAL LOCAL E LOCAL TIMES MARKET MANUAL MONTE MONTE MONTE SEC T SECON STR T SUBDA SUBTA TIME TIME TIME TIME TIMES TIMES TO DA UNIX UTC I UTC T UTC T UTC T UTC T UTC T UTC T WEEKE		DAY()	Synonym for DAYOFMONTH()
DAYOR DAYOR DAYOR DAYOR DAYOR EXTRA FROM FROM GET F HOUR (LAST LOCAL LOCAL TIMES MARKEL MANNEL MONTH MONTH MONTH MONTH MONTH SEC T SECON STR T SUBDA SUBTI TIME TIME TIME TIME TIME TIMES TIMES TO DA UNIX UTC I UTC T		DAYNAME ()	Return the name of the weekday
DAYOR EXTRA FROM FROM FROM GET F HOURI LAST LOCAL LOCAL TIMES MAKEL MANNET MONTE MONTE MONTE MONTE SEC 1 SECON STR 1 SUBDA SUBTI SYSDA TIME TIME TIME TIME TIME TIME TIMES TO DA TO SE UNIX UTC 1		DAYOFMONTH()	Return the day of the month (0-31)
EXTRA EXTRA FROM FROM GET E HOUR I LAST LOCAL TIMES MAKEL MANNET MONTE MONTE MONTE MONTE SEC T SECON STR T SUBDR SUBTI SYSDR TIME TIME TIME TIME TIME TIME TIMES TO DR TO SE UNIX UTC I UTC T UT		DAYOFWEEK()	Return the weekday index of the argument
FROM FROM GET E HOUR. LAST LOCAL E LOCAL E LOCAL TIMES MARKET MANNET MONTE MONTE MONTE PERIC QUART SEC 1 SECON STR T SUBDR SUBTI SYSDR TIME TIME TIME TIME TIME TIME TIMES TIMES TO DR TO SE UNIX UTC I UTC T UTC T UTC T WEEKET		DAYOFYEAR()	Return the day of the year (1-366)
FROM GET E HOUR I LAST LOCAL E LOCAL E LOCAL TIMES MARKEL MANUE MONTE MONTE MONTE MONTE SEC T SECON STR T SUBDA SUBTI SYSDA TIME I TIME TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC I UTC T UTC T UTC T UTC T WEEKEL WEEKEL		EXTRACT()	Extract part of a date
FROM GET E HOUR I LAST LOCAL E LOCAL E LOCAL TIMES MARKEL MANUE MONTE MONTE MONTE MONTE SEC T SECON STR T SUBDA SUBTI SYSDA TIME I TIME TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC I UTC T UTC T UTC T UTC T WEEKEL WEEKEL		FROM DAYS()	'
GET E GET E GET E HOUR! LAST LOCAL E LOCAL TIMES MAKEL MANNEL MINUT MONTE NOW() PERIC PERIC QUARI SEC 1 SECON STR 1 SUBDA SUBTI SYSDA TIME I TIME TIME TIME TIME TIME TIMES TO DA TO SE UNIX UTC I UTC 1 UTC 1 UTC 1 UTC 1 WEEKC WEEKC		FROM UNIXTIME()	Convert a day number to a date
HOUR I LAST LOCAL E LOCAL TIMES MAKEL MARKEL MANUEL MICKO MINUEL MONTH MONTH MONTH MONTH MONTH MONTH SEC 1 SECON STR 1 SUBDA SUBTI SYSDA TIME I TIME TIME TIME TIMES TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC 1 UTC 2 WEEKC		GET FORMAT()	Format Unix timestamp as a date
LAST LOCAL E E LOCAL TIMES MAKET MICRO MINUT MONTH MON		HOUR()	Return a date format string
LOCAL E LOCAL E LOCAL TIMES MARKET MICRG MENUT MONTH M		LAST DAY	Extract the hour
E LOCAL TIMES MAKET MARET MICRC MINUT MONTE NOW() PERIC QUART SEC T SECON STR T SUBDR SUBTI TIME TIME TIME TIME TIMES TIMES TO DR TO SE UNIX UTC T UTC T UTC T UTC T WEEK WEEKE			Return the last day of the month for the argument
TIMES MARET MARET MICRO MENUT MONTH MON		LOCALTIME(), LOCALTIME	Synonym for NOW()
MAKEL MANUE MINUE MONTE MONTE MONTE MONTE NOW() PERIC QUART SEC T SUBDA SUBTI SYSDA TIME (TIME (TIME) TIMES TIMES TO DA TO SE UNIX UTC T UTC T UTC T WEEKC WEEKC		LOCALTIMESTAMP, LOCAL	Synonym for NOW()
MANNET MICRO MINUT MONTE		TIMESTAMP() MAKEDATE()	
MICRC MINUT MONTE		MAKETIME ()	Create a date from the year and day of year
MINUTE MONTE MONTE NOW() PERIC QUART SEC T SECON STR T SUBDA SUBTI SYSDA TIME (TIME (TIME) TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC T UTC T WEEKE WEEKE		MICROSECOND()	Create time from hour, minute, second
MONTE MONTE MONTE NOW() PERIC PERIC QUARI SEC 1 SECON STR 1 SUBDA SUBTI SYSDA TIME (TIME (TIME) TIMES TIMES TO DA TO SE UNIX UTC 1 UTC 1 UTC 1 UTC 1 WEEKC WEEKC			Return the microseconds from argument
MONTH NOW() PERIC PERIC QUART SEC T SECON STR T SUBDA TIME TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC T UTC T UTC T UTC T WEEKC			Return the minute from the argument
NOW() PERIC PERIC QUART SEC T SECON STR T SUBDA TIME TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC T UTC T UTC T UTC T WEEKC			Return the month from the date passed
PERIC PERIC QUART SEC T SECON STR T SUBDA SUBTI SYSDA TIME TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC I UTC T UTC T UTC T WEEKI WEEKI WEEKI WEEKI VEAR		MONTHNAME ()	Return the name of the month
PERIC QUART SEC T SECON STR T SUBDA SUBTI SYSDA TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC I UTC T UTC T UTC T WEEKI WEEKI WEEKI WEEKI			Return the current date and time
QUART SEC T SECON STR T SUBDA SUBTI SYSDA TIME TIME TIME TIMES TO DA TO SE UNIX UTC I UTC T UTC T WEEK WEEKC		PERIOD ADD()	Add a period to a year-month
SEC T SECON STR T SUBDA SUBTI SYSDA TIME TIME TIME TIMES TO DA TO SE UNIX UTC T UTC T WEEK WEEKC YEAR (1)		PERIOD_DIFF()	Return the number of months between periods
SECON STR T SUBDA SUBTI SYSDA TIME TIME TIME TIMES TO DA TO SE UNIX UTC I UTC T WEEK WEEKC YEAR I		QUARTER()	Return the quarter from a date argument
STR T SUBDAT SUBTAT SYSDA TIME TIME TIME TIMES TIMES TO DA TO SE UNIX UTC I UTC T WEEK WEEKC YEAR		SEC TO TIME()	Converts seconds to 'hh:mm:ss' format
SUBDA SUBTA SUBTA SYSDA TIME (TIME (TIME) TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC I UTC 1 UTC 1 WEEKI WEEKI WEEKI		SECOND()	Return the second (0-59)
SUBTI SYSDA TIME TIME TIME TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC I UTC I WEEKI WEEKI WEEKI		STR TO DATE()	Convert a string to a date
TIME (TIME (TIME) TIMES TIMES TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC I UTC I WEEKI WEEKI WEEKI YEAR (**TIMES **TIM		SUBDATE ()	Synonym for DATE SUB() when invoked with three arguments
TIME TIME TIME TIME TIMES TIMES TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC I UTC I WEEKI WEEKI WEEKI		SUBTIME()	Subtract times
TIME TIME TIMES TIMES TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC. I UTC. I UTC. I WEEK WEEKC YEAR (I		SYSDATE()	Return the time at which the function executes
TIME TIME TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC 1 UTC 1 WEEK WEEKC YEAR (1)		TIME()	Extract the time portion of the expression passed
TIMES TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC I WEEK WEEK WEEK YEAR I		TIME FORMAT()	Format as time
TIMES TIMES TIMES TO DA TO SE UNIX UTC I UTC I WEEK WEEKC YEAR	Ţ	TIME TO SEC()	Return the argument converted to seconds
TIMES TO DA TO SE UNIX UTC 1 UTC 1 WEEK WEEKC YEAR (1)		TIMEDIFF()	Subtract time
TO DA TO SE UNIX UTC I UTC T WEEK WEEK YEAR		TIMESTAMP()	With a single argument, this function returns the date or
TO DA TO SE UNIX UTC I UTC T WEEK WEEK YEAR			datetime expression; with two arguments, the sum of the
TO DA TO SE UNIX UTC I UTC T WEEK WEEK YEAR			arguments
TO DA TO SE UNIX UTC I UTC T UTC T WEEK WEEKC YEAR (1		TIMESTAMPADD()	Add an interval to a datetime expression
UNIX UTC I UTC 1 UTC 1 WEEK WEEK YEAR		TIMESTAMPDIFF()	Return the difference of two datetime expressions, using the
UNIX UTC I UTC 1 UTC 1 WEEK WEEK YEAR		TO DAYS ()	units specified
UNIX UTC I UTC I UTC T WEEK(WEEKC YEAR ()		TO DAYS() TO SECONDS()	Return the date argument converted to days
UTC I UTC I UTC I WEEK(WEEKC YEAR ()		TO SECONDS ()	Return the date or datetime argument converted to seconds since Year O
UTC I UTC I UTC I WEEK(WEEKC YEAR ()		UNIX TIMESTAMP()	
UTC 1 UTC 1 WEEKI WEEKI WEEKI		UTC DATE()	Return a Unix timestamp
UTC 1 WEEK(WEEKC YEAR(UTC TIME()	Return the current UTC date
WEEK (WEEKC WEEKC YEAR (UTC TIME() UTC TIMESTAMP()	Return the current UTC time
WEEKI WEEKI YEAR (Return the current UTC date and time
WEEKC YEAR (Return the week number
YEAR (WEEKDAY()	Return the weekday index
		WEEKOFYEAR()	Return the calendar week of the date (1-53)
YEAR		YEAR()	Return the year
		YEARWEEK ()	Return the year and week
		YEARWEEK ()	

Print eart day of the month and month name.

-> Challenge

Date-format (date, format)

	Specifie r	Description		
	%a	Abbreviated weekday name (SunSat)		
	%b	Abbreviated month name (JanDec)		
	%c	Month, numeric (0.12)		
	%D	Day of the month with English suffix (0th, 1st, 2nd, 3rd,)		
	\$d			
	%e	Day of the month, numeric (0031) Day of the month, numeric (031)		
	%f			
	%H	Microseconds (000000999999)		
	%h	Hour (0023)		
	%I	Hour (0112)		
	8:1	Hour (0112)		
	-	Minutes, numeric (0059)		
	%j	Day of year (001366)		
	%k	Hour (023)		
	%1	Hour (112)		
	%M	Month name (January,December)		
	%m	Month, numeric (00.12)		
	%p	AM OF PM		
	%r	Time, 12-hour (hh:mm:ss followed by AM or PM)		
	%S	Seconds (0059)		
	%s	Seconds (0059)		
	%T	Time, 24-hour (hh:mm:ss)		
	%U	Week (0053), where Sunday is the first day of the week; WEEK () mode O		
	%u	Week (0053), where Monday is the first day of the week; WEEK () mode 1		
	%V	Week (0153), where Sunday is the first day of the week; $\underline{\text{WEEK ()}}$ mode 2; used with $\$x$		
	\$∨	Week (0153), where Monday is the first day of the week; $\underline{\text{WEEK}()}$ mode 3; used with $\$x$		
	&W	Weekday name (SundaySaturday)		
	%w	Day of the week (0=Sunday6=Saturday)		
	&X	Year for the week where Sunday is the first day of the week, numeric, four digits; used with %V		
	%x	Year for the week, where Monday is the first day of the week, numeric, four		
		digits; used with %v		
	%Y	Year, numeric, four digits		
	%y	Year, numeric (two digits)		
	99	A literal % character		
	% x	x, for any "x" not listed above		

mathematics on date