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LISTA	TIIN	CTIONS	ın	m۱	/cai
Date	IUII	ctions		1111	ysai

1.	To get the current d	ate and time, yo	ou use NOW() functio	n. This will print date	and time both
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Mysql >SELECT NOW();

2. To get only date part of a DATETIME value, you use the DATE() function. Removes time portion

SELECT DATE(NOW());

3. To get the current system date, you use CURDATE() function as follows:

SELECT CURDATE();

4. To format a date value, you use DATE_FORMAT function. The following statement formats the date as mm/dd/yyyy using the date format pattern %m/%d/%Y:

SELECT DATE_FORMAT(CURDATE(), '%M, %D %y') today; ----- y will show 2 digit year

Y --- will display 4 digit year

M- month name in character

m-month in number

d- date in number

```
D- display th or st after date
| today |
+----+
| September, 21st 18 |
+----+
1 row in set (0.00 sec)
   5. To calculate the number of days between two date values, you use the DATEDIFF function as
       follows:
SELECT DATEDIFF('2015-11-04','2014-11-04') days;
+----+
| days |
+----+
| 365 |
+----+
1 row in set (0.02 sec)
   6. To add a number of days, weeks, months, years, etc., to a date value, you use the DATE_ADD
       function:
SELECT
  '2015-01-01' start,
  DATE_ADD('2015-01-01', INTERVAL 1 DAY) 'one day later',
  DATE_ADD('2015-01-01', INTERVAL 1 WEEK) 'one week later',
  DATE_ADD('2015-01-01', INTERVAL 1 MONTH) 'one month later',
  DATE_ADD('2015-01-01', INTERVAL 1 YEAR) 'one year later';
Date_add(DATE_ADD('2015-01-01', INTERVAL 2 YEAR), INTERVAL 6 MONTH)
   7. Similarly, you can subtract an interval from a date using the DATE_SUB function:
```

SELECT

'2015-01-01' start,

```
DATE_SUB('2015-01-01', INTERVAL 1 DAY) 'one day before',

DATE_SUB('2015-01-01', INTERVAL 1 WEEK) 'one week before',

DATE_SUB('2015-01-01', INTERVAL 1 MONTH) 'one month before',

DATE_SUB('2015-01-01', INTERVAL 1 YEAR) 'one year before';
```

8. If you want to get the day, month, quarter, and year of a date value, you can use the corresponding function DAY, MONTH, QUARTER, and YEAR as follows:

```
SELECT DAY('2000-12-31') day,

MONTH('2000-12-31') month,

QUARTER('2000-12-31') quarter,

YEAR('2000-12-31') year;

+----+
| day | month | quarter | year |

+----+
| 31 | 12 | 4 | 2000 |

+----+
1 row in set (0.00 sec)
```

9. To get the week information week related functions. For example, WEEK function returns the week number, WEEKDAY function returns the weekday index, and WEEKOFYEAR function returns the calendar week.

SELECT

```
WEEKDAY('2000-12-31') weekday,

WEEK('2000-12-31') week,

WEEKOFYEAR('2000-12-31') weekofyear;

+-----+

| weekday | week | weekofyear |

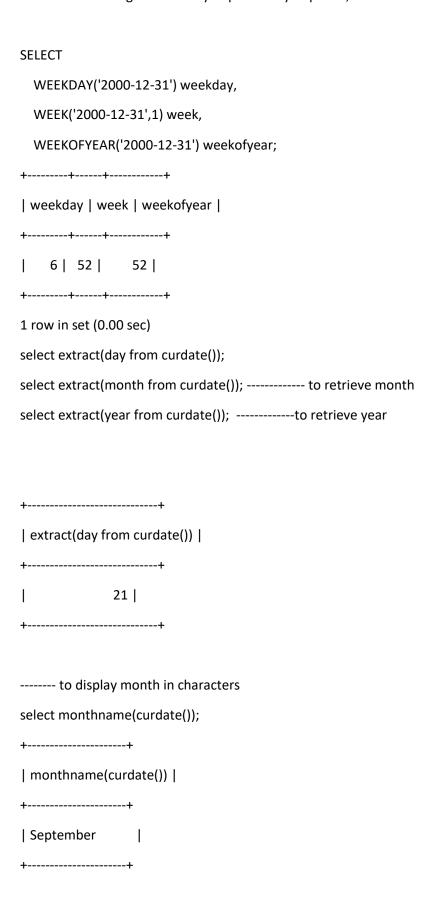
+-----+

| 6 | 53 | 52 |

+-----+

1 row in set (0.04 sec)
```

10. The week function returns the week number with the zero-based index if you don't pass the second argument or if you pass 0. If you pass 1, it will return week number with 1-indexed.



1 row in set (0.00 sec)
mysql> select dayname(curdate());
++
dayname(curdate())
++
Friday
++
1 row in set (0.00 sec)