

-- ----- SQL Examples ----- --

-- CREATE TABLE:

```
CREATE TABLE `table_name` (  
  `column1` datatype CHAR / VARCHAR / TINYINT / INT / FLOAT / BOOLEAN / DATETIME /  
  TIMESTAMP,  
  `column2` datatype,  
  `column3` datatype,  
  ...  
);
```

-- Turkce karakter destegi icin:

```
-- "... `column` datatype COLLATE utf8_unicode_ci ..."
```

-- ADD DATA:

```
INSERT INTO `table_name` (  
  `column1`,  
  `column2`,  
  `column3`,  
  ...  
) VALUES (  
  data1,  
  data2,  
  data3,  
  ...  
);
```

-- SEARCH DATA:

```
SELECT  
  (statement) DISTINCT() / MIN() / MAX() / COUNT() / AVG() / SUM() AS,  
  `column1`  
  `column2`,  
  `column3`,  
  ...  
FROM `table_name1`  
WHERE  
  `column1` = (operator) data1 AND / OR / NOT  
  `column2` = data2 AND  
  (condition) LIKE '%Value%' / IN () / BETWEEN AND / IS NULL / IS NOT NULL  
  ...  
INNER / LEFT / RIGHT / CROSS JOIN `table_name2`  
ON `table_name1`.`column1` = `table_name2`.`column_N`  
ORDER BY  
  `data1` ASC / DESC,  
  `data2` ASC,  
  ...  
LIMIT 10 (limit_number)  
OFFSET 10 (offset_number)  
;
```

-- UPDATE DATA:

```
UPDATE `table_name`  
  SET  
    `column1` = data1,  
    `column2` = data2,  
    ...  
  
  WHERE  
    `column1` = (Operator) data1 AND / OR  
    `column2` = data2 AND  
    ...  
;
```

-- DELETE DATA:

```
DELETE FROM `table_name`  
  WHERE  
    `column1` = (Operator) data1 AND / OR  
    `column2` = data2 AND  
    ...  
;
```

-- DELETE TABLE:

```
DROP TABLE `table_name`  
;
```

-- STRING FUNCTIONS:

LEFT: Extracts a number of characters from a string (starting from left)
RIGHT: Extracts a number of characters from a string (starting from right)

-- NUMERIC FUNCTIONS:

ABS: Returns the absolute value of a number
AVG: Returns the average value of an expression
COUNT: Returns the number of records returned by a select query
MAX: Returns the maximum value in a set of values
MIN: Returns the minimum value in a set of values
SUM: Calculates the sum of a set of values
CEILING: Returns the smallest integer value that is >= to a number
FLOOR: Returns the largest integer value that is <= to a number

-- DATE FUNCTIONS:

CURRENT_TIMESTAMP / NOW: Returns the current date and time
DATE: Extracts the date part from a datetime expression
DATE_FORMAT: Formats a date like %d. %m. %Y %H: %i: %s

-- ADVANCED FUNCTIONS:

CURRENT_USER: Returns the user name and host name for the MySQL account that the server used to authenticate the current client