

# MYSQL - SELECT Query

Topics : [MYSQL](#)

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MYSQL SELECT Query is used to fetch existing records from database.

- You can fetch one or more data from table.
- If You specify star (\*) in place of fields, SELECT will return all the fields.
- You can use any condition using the WHERE clause.
- You can limit the number of returns record using the LIMIT attribute.
- You can display records in ascending and descending order by ORDER BY Clause.
- The GROUP BY Clause is often used with aggregate functions (COUNT, MAX, MIN, SUM, AVG) to group the result set by one or more columns.

## MYSQL Syntax :

```
SELECT column1, column2, column3, .....  
FROM table_name  
[WHERE Clause] [GROUP BY FIELD][ORDER BY FIELD][LIMIT 0,N];
```

## MYSQL Query Example :

```
SELECT * FROM tblstudent
```

## Shell command script:

Also you can run select query using mysql command Prompt.

```
[root@host]# mysql -u root -p
```

```
Enter password:*****
```

```
mysql> use aryatechno;
```

```
Database changed
```

```
mysql> SELECT * FROM tblstudent
```

```
Query OK, 1 row affected (0.006 sec)
```

## PHP SCRIPT :

You can fetch records from table using php code as per as below.

```
<?php  
$hostname="localhost";  
$username="root";  
$password="*****";
```

```
$link= mysqli_connect($hostname, $username, $password);
mysqli_select_db($link,DATABASE);
$rs = mysqli_query($link,"SELECT * FROM tblstudent");
while($row=mysqli_fetch_array($rs)) {
    echo "<br>Student Name : ".$row['stud_name'];
    echo "<br>Student Mobile : ".$row['stud_mobile'];
    echo "<br>Student Address: ".$row['stud_address'];
    echo "<br>Student Birthdate: ".$row['Stud_birthdate'];
    echo "<br>-----";
}
mysqli_close($link);
?>
```

**Explain :**

We can use below four php function to fetch records from table.

1. `mysqli_fetch_array(resultset)`; - It returns the row as a numeric array and as an associative array
2. `mysqli_fetch_assoc(resultset)`; - It returns the row as an associative array.
3. `mysqli_fetch_object(resultset)`; - It returns the row as an object.
4. `mysqli_fetch_row(resultset)`; - it returns the row as an enumerated array.

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