

## PHP/MYSQL Cheat Sheet

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### SETUP INSTRUCTION:

- Download and install WAMP (Windows Apache MySQL PHP) Server at [www.wampserver.com/en](http://www.wampserver.com/en) or you can use other server package that supports MySQL and PHP applications (ex. AppServ, LAMP, etc.)
- Once installed, make sure that your localhost is up and running and try to access <http://localhost>
- Read the manual on how to create and where to save your PHP webpages. For WAMP, go to the installation directory and locate the "www" folder.
- Enjoy creating dynamic web applications using PHP & MySQL.

### COMMON PHP/MYSQL FUNCTIONS:

MySQL Function	Description	Example
<b>mysql_connect(host, username, password)</b>	Initiates connection to the MySQL Server	<code>mysql_connect("localhost", "root", "admin");</code>
<b>mysql_select_db(database_name)</b>	Selects the database you wish to access	<code>mysql_select_db("accounts");</code>
<b>mysql_query(query_statement)</b>	Retrieves information from table or execute an operation	<code>mysql_query("SELECT * FROM users");</code>
<b>mysql_fetch_array(query_result)</b>	Access data stored in the result returned from a successful <code>mysql_query()</code> statement	<pre>\$query = "SELECT * FROM users"; \$result = mysql_query(\$query) or die(mysql_error()); while(\$row = mysql_fetch_array(\$result)) {     echo \$row['fname']. " ". \$row['lname'];     echo "&lt;br /&gt;"; }</pre>
<b>mysql_affected_rows()</b>	Returns the number of affected rows from the previously issued <code>mysql_query()</code> statement	<pre>\$query = "SELECT * FROM users WHERE age&gt;18"; \$rows = mysql_affected_rows(); echo "Total Records: ".\$rows;</pre>
<b>mysql_close(identifier)</b>	Closes an active MySQL connection	<pre>\$connection = mysql_connect("localhost", "root", "admin"); mysql_close(\$connection);</pre>

**Note:** For more details MySQL functions for PHP, visit <http://www.php.net/manual/en/ref.mysql.php>

### MYSQL STATEMENTS:

MySQL Statement	Format	Example
<b>INSERT</b>	<code>INSERT INTO table_name(fields) VALUES(values)</code>	<code>mysql_query("INSERT INTO users(name, age) VALUES('Jerome Locson', '27' )");</code>
<b>SELECT</b>	<code>SELECT fields FROM table_name [additional_conditions]</code>	<code>mysql_query("SELECT * FROM users WHERE age&gt;18")</code>
<b>UPDATE</b>	<code>UPDATE table_name SET conditions</code>	<code>mysql_query("UPDATE users SET age='22' WHERE age='21'");</code>
<b>DELETE</b>	<code>DELETE FROM table_name WHERE conditions</code>	<code>mysql_query("DELETE FROM users WHERE name='Jerome Locson'");</code>