

Database Connection

- Steps:
- Task Manager → Services → MySQL (go) stop
→ WAMP MySQL start
 - localhost/phpmyadmin user: "root"
pass: null
 - new DB & tables collation: utf8_bin
engine: innodb

Notes: `trim($x)` to remove outer spaces

Syntax (OOP):

```
$db = new mysqli("localhost", "root", "");
```

 ← gets master access

```
if (mysqli_connect_error()) { //error }
```

```
$query = "... ? ... ?";
```

 ← placeholder

```
$stmt = $db->prepare($query);
```

```
$stmt->bind_param('ssi', $a, $b, $c);
```

 ← string string int

```
$stmt->execute();
```

```
$stmt->store_result();
```

```
$stmt->bind_result($a, $b, ...);
```

 ← fill results in order

```
while ($stmt->fetch()) {  
    // use $a, $b, etc...
```

```
}
```

```
$stmt->free_result();
```

```
$db->close();
```

add 4th parameter dbName to access specific db.
or use `$db->select_db("name");`

extras:

```
$num_results = mysqli_num_rows($stmt);
```