

## ☞ Connection to the database

```
<?php
$db = new PDO('mysql:host=localhost;dbname=LearnPhp','root','root');
```

database name      login      mdp

## ☞ PDO::query : Executes an SQL statement, returning

```
$result = $db->query('SELECT * FROM tableOfDB');
```

SQL request

## ☞ PDOStatement::fetch : Fetches the next row from a result set

```
echo '<p>'. $result->fetch()['colName']. '</p>';
```

result of the SQL request      a column name

## ☞ PDO::prepare : Prepares a statement for execution and returns a statement object

```
$request = $db->prepare('SELECT * FROM tableOfDB WHERE colName = ?');
```

Replace ? by 'Super Mario Bros'

```
$request->execute(array('Super Mario Bros'));
```

```
<?php
$db = new PDO('mysql:host=localhost;dbname=LearnPhp','root','root');

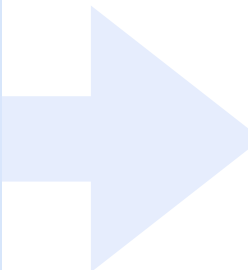
$result = $db->query('SELECT console, colName FROM tableOfDB');

echo '<p> 1, '.$result->fetch()['colName'].'</p>';

$oneRow = $result->fetch();
echo '<p> 2, '.$oneRow['colName'].'</p>';

$anotherRow = $result->fetch();
echo '<p> 3, '.$anotherRow['colName'].'</p>';

$request = $db->prepare('SELECT * FROM tableOfDB WHERE colName = ?');
$request->execute(array('Super Mario Bros'));
echo '<p> 4, '.$request->fetch()['colName'].'</p>';
```

- 
- 1, Super Mario Bros
  - 2, Sonic
  - 3, Zelda : ocarina of time
  - 4, Super Mario Bros