

MIS 233

PHP-5

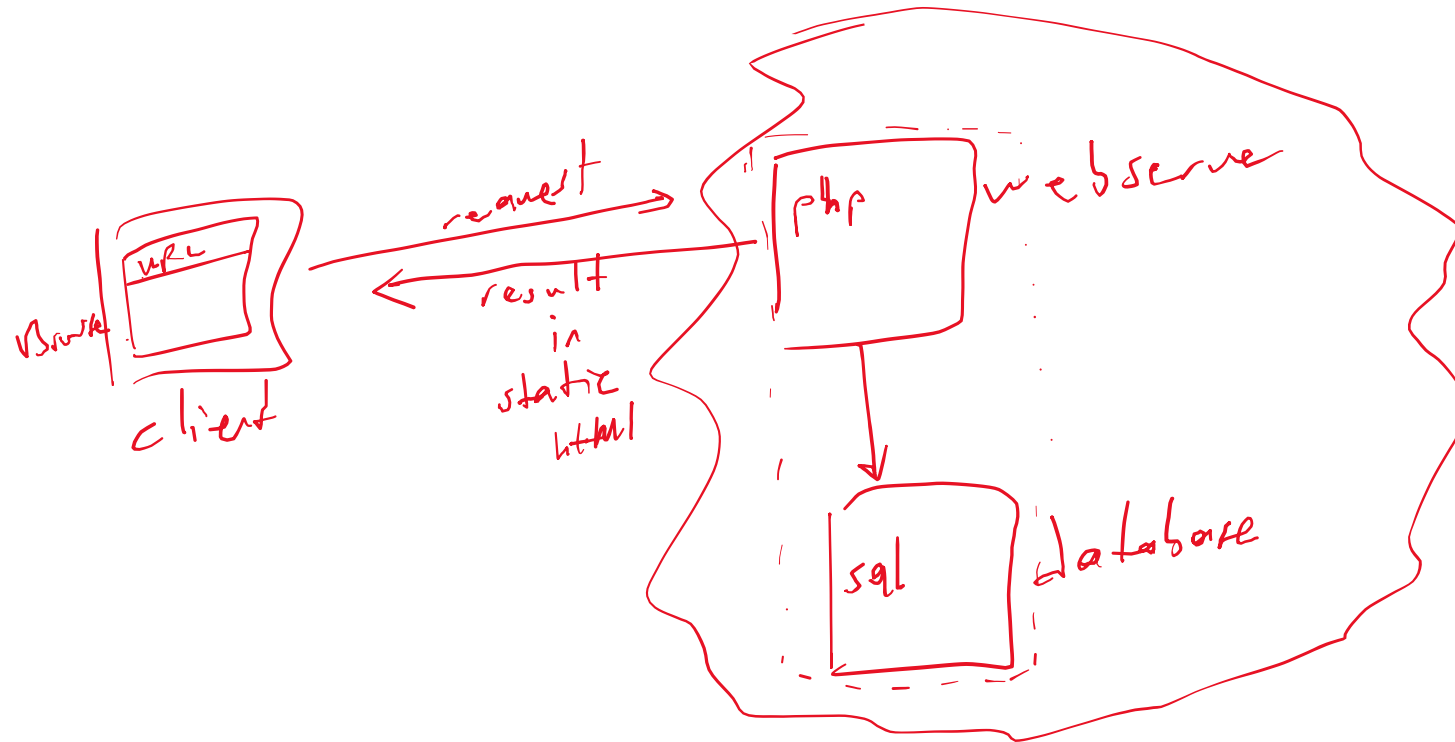
(MYSQL)

08/12/2021

Brief Information

- 8 December -> MYSQL
- 15 December -> Ajax
- 22 December -> Midterm 2 – Online
 - multiple, true-false
 - coderunners
 - navigation will not be allowed
- 29 December -> Data collection from web by API or curl
- project 2 -> 9 January
 - management system (school, office, project etc)
 - registration, login, insertion to db, delete, admin panel etc.
- Final -> 18 January (not sure) Face to face
 - %60 attendance to the lectures is obligatory
- grades will be given by catalogue method

MYSQL and PHPMYADMIN



connect database by PHP

- mysqli
 - for MYSQL db only
 - **mysql** command is old form of **mysqli**
 - i means improved at the end
 - two forms of usage
 - procedural
 - object oriented
- PDO (PHP data objects)
 - for more than 10 different kind of dbs

mysqli command

`new mysqli(host, username, password, dbname, port, socket);`

example

```
$db = new mysqli("127.0.0.1","root","","school");
```

\$db object

object -> method ();

eg:

```
$db -> query("select * from students");
```

you can write any mysql query inside of the paranthesis. of course without semi-colon at the end.

fetch_row()

gives the results of a query object in numbering format

```
while($row=$result -> fetch_row()) // $row is a one dimensional array
{
    echo $row[0]." ".$row[1]." ".$row[2]." ".$row[3]." ".$row[4]."
    ".$row[5]." ".$row[6]."<br>";
}
```

fetch_assoc()

this method will give you the results of query in naming format of array

eg:

```
while($row=$result -> fetch_assoc()) // $row is a one dimensional array
{
    echo $row["stdId"]." ".$row["stdName"]."
    ".$row["stdSurname"]."<br>";
}
```


query result functions that can be used after queries

`$result->num_rows`

returns the number of rows in the query `$result`.

`$result->affected_rows`

gives the number of affected rows by the last INSERT, DELETE, UPDATE, or REPLACE query.

`$result->insert_id`

returns the ID generated by the AUTO_INCREMENT of the most recent query if there was one, or '0' if there was no AUTO_INCREMENT value.