Internet Engineering
PHP - 3
مهندسی اینترنت

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Using Array

Array

```
<!DOCTYPE html>
<html>
<head>
    <title>Array</title>
</head>
<body>
<?php
$data = array();
$data[] = "John";
echo $data[];

?>

</body>
</html>
```

John

print_r

```php
<html>
<head>
    <title>Array</title>
</head>
<body>
<?php
$data = array();
$data[] = "John";
echo $data[0];

print_r($data);
```

JohnArray ([0] => John)

Array_push

```php
<html>
<head>
    <title>Array Push</title>
</head>
<body>
<?php
$data = array();
array_push($data, "John");
array_push($data, 10);

print_r($data);
```

Array ([0] => John [1] => 10)

Array_push …

```php
<?php
$data = array();
array_push($data, "John","Doa",10);
```

Array ([0] => John [1] => Doa [2] => 10)

```php
<?php
$data = array("first", "second");
array_push($data,"John","Doa",10);
```
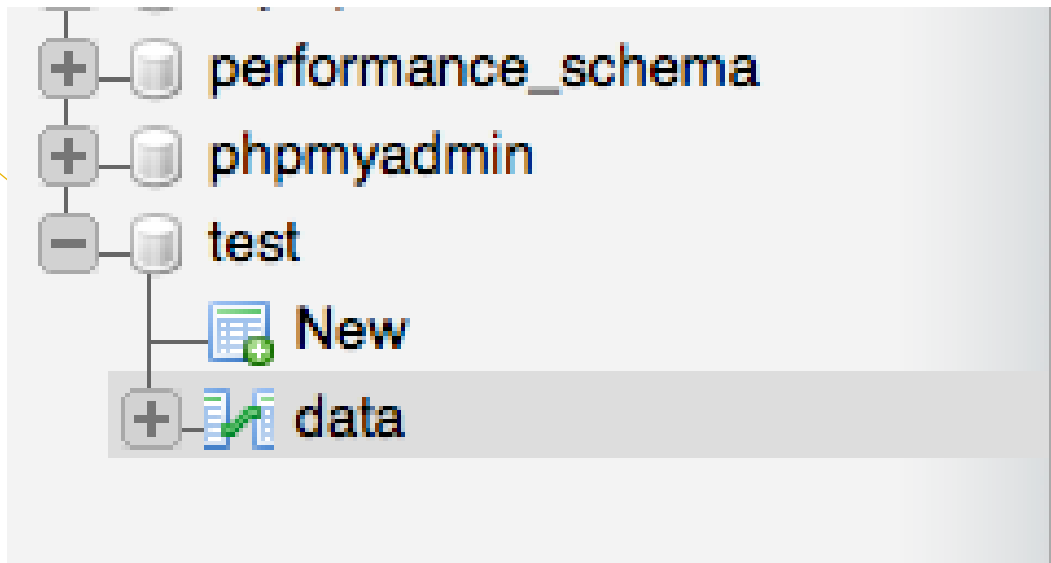
In Array from DB

Put data in an Array from DB

1. Create a database (test)

2. Create a table (data)

```php
array1.php          ●        dbh.php          ×

<?php
include 'dbh.php';
?>

<!DOCTYPE html>
<html>
<head>
    <title>Put data in Arrays from database
</head>
<body>
<?php
$sql = "SELECT * FROM data;";
$result = mysqli_query($conn, $sql);
$resultCheck = mysqli_num_rows($result);
$datas = array();
if ($resultCheck > 0){

    while ($row = mysqli_fetch_assoc($result)) {
        $datas[] = $row;
    }

}

print_r($datas);
?>
```

```php
<?php

$dbServername = "localhost";
$dbUsername = "root";
$dbPassword = "";
$dbName = "test";


$conn = mysqli_connect($dbServername, $dbUsername, $dbPassword, $dbName);

if (!$conn){
    die("Connection Failed:". mysqli_connect_error());
}
?>
```

Array ([0] => Array ([id] => 1 [text] => John) [1] => Array ([id] => 2 [text] => Hi) [2] => Array ([id] => 3 [text] => There!))

Multidimensional Array

```php
<?php
$sql = "SELECT * FROM data;";
$result = mysqli_query($conn, $sql);
$resultCheck = mysqli_num_rows($result);
$datas = array();
if ($resultCheck > 0){

    while ($row = mysqli_fetch_assoc($result)) {
        $datas[] = $row;
    }
}

//print_r($datas);

foreach ($datas as $data) {
    echo $data['text']." ";
    # code...
}

?>
```

John Hi There!

Upload Images

Upload Image to Webpage

1. Create a file (image.php) to have upload form.

```html
<!DOCTYPE html>
<html>
<head>
    <title>Upload Image</title>
</head>
<body>
    <form action="upload.php" method = "POST" enctype="multipart/form-data"></form>
    <input type="file" name="file">
    <button type="submit" name="submit"> UPLOAD </button>

</body>
</html>
```

Choose File utah.jpg   UPLOAD

2. Create upload file

```php
<?php

if (isset($_POST['submit'])) {
    $file = $_FILES['file'];

    $fileName = $_FILES['file']['name'];
    $fileTmpName = $_FILES['file']['tmp_name'];
    $fileSize = $_FILES['file']['size'];
    $fileError = $_FILES['file']['error'];
    $fileType = $_FILES['file']['type'];

    $fileExt = explode('.', $fileName);
    $fileActualExt = strtolower(end($fileExt));

    $allowed = array('jpg', 'jpeg', 'png', 'pdf');

    if (in_array($fileActualExt, $allowed)) {
        if ($fileError === 0) {
            if($fileSize < 1000000){
                $fileNameNew = uniqid('', true).".".$fileActualExt;

                $fileDestination = 'uploads/'.$fileNameNew;
                move_uploaded_file($fileTmpName, $fileDestination);
                header("Location: image.php?uploadsuccess");

            }else{
                echo "Your File is too Big!";
            }
        }else{
            echo "There was an error";
        }
    }
    else{
        echo "You can not files of this Type";
    }
```

Choose File no file selected UPLOAD

```html
<!DOCTYPE html>
<html>
<head>
    <title>Upload Image</title>
</head>
<body background="utah.jpg">
    <form action="upload.php" method = "POST" enctype="multipart/form-data"></form>
    <input type="file" name="file">
    <button type="submit" name="submit"> UPLOAD </button>

</body>
</html>
```

از توجه شما به این بخش سپاسگزارم.