

Error handling is the process of catching errors raised by your program and then taking appropriate action. If you would handle errors properly then it may lead to many unforeseen consequences.

Its very simple in PHP to handle an errors.

## Using die() function

While writing your PHP program you should check all possible error condition before going ahead and take appropriate action when required.

Try following example without having **/tmp/test.txt** file and with this file.

```
<?php
    if(!file_exists("/tmp/test.txt")) {
        die("File not found");
    }else {
        $file = fopen("/tmp/test.txt","r");
        print "Opend file sucessfully";
    }
    // Test of the code here.
?>
```

## Possible Error levels

These error report levels are the different types of error the user-defined error handler can be used for. These values can be used in combination using | operator

Sr.No	Constant & Description	Value
1	<b>E_ERROR</b> Fatal run-time errors. Execution of the script is halted	1
2	<b>E_WARNING</b> Non-fatal run-time errors. Execution of the script is not halted	2
3	<b>E_PARSE</b> Compile-time parse errors. Parse errors should only be generated by the parser.	4
4	<b>E_NOTICE</b> Run-time notices. The script found something that might be an error, but could also happen when running a script normally	8
5	<b>E_CORE_ERROR</b> Fatal errors that occur during PHP's initial start-up.	16

This tutorial demonstrates how to create a login page with MySQL Data base. Before enter into the code part, You would need special privileges to create or to delete a MySQL database. So assuming you have access to root user, you can create any database using mysql mysqladmin binary.

## Config.php

Config.php file is having information about MySQL Data base configuration.

```
<?php
define('DB_SERVER', 'localhost:3036');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', 'rootpassword');
define('DB_DATABASE', 'database');
$db = mysqli_connect(DB_SERVER,DB_USERNAME,DB_PASSWORD,DB_DATABASE);
?>
```

## Login.php

Login PHP is having information about php script and HTML script to do login.

```
<?php
include("config.php");
session_start();

if($_SERVER["REQUEST_METHOD"] == "POST") {
    // username and password sent from form

    $myusername = mysqli_real_escape_string($db,$_POST['username']);
    $mypassword = mysqli_real_escape_string($db,$_POST['password']);
```