

PHP

Basics

Variables

```
// Normal Variable  
$variable = 0;
```

```
// POST Variable  
$_POST['Name'];
```

```
// GET Variable  
$_GET['Status'];
```

```
// Session  
$_SESSION['Id'];
```

Arrays

```
$vector = array();
```

Functions

```
function sum(int a, int b)  
{  
    return a + b;  
}  
sum(4, 5)
```

```
// Pass by reference -  
function sum(int a, int b, int &sum)  
{  
    sum = a + b;  
}  
sum(4, 5, sum);
```

Mysql

Connect to Database

```
mysqli_connect("HOST", "USER", "PASSWORD", "DATABASE_NAME");
```

Execute sql commands in the Database

```
$connect = mysqli_connect("HOST", "USER", "PASSWORD",  
"DATABASE_NAME");  
  
$sql = "SELECT * FROM table_name";  
mysqli_query($connect, $sql);
```

Create an array based on the records found

```
$connect = $connect = mysqli_connect("HOST", "USER", "PASSWORD",  
"DATABASE_NAME");  
  
$sql = "SELECT * FROM table_name WHERE id = 1";  
$result = mysqli_query($connect, $sql);  
$array = $result->fetch_assoc();
```

Sanitize the \$_POST["

```
$sanitized = mysqli_real_escape_string($connect, $_POST['Name']);
```