# BASIC CODING STANDARD

## Basic structure for blocks

### IF STATEMENT

To make a block with a conditional, it must be done in the following way:

if ($condition){

...

}

if you need to make a conditional inside a view, remember that you must use the blade templates

@if ($condition)

...

@elseif ($second\_condition)

...

@endif

Do not forget the indentation within the conditional sequences

### FOR STATEMENT

Follow the following structure for using the for statement

for ($i = 0; $i <= 10; $i++) {  
    ...  
}

Or if you want you can use the foreach

foreach ($products as $product) {  
    ...  
}

remember that the first parameter of the foreach corresponds to the array and the second parameter corresponds to each iteration to be performed

If you need to iterate within the views, you must use the blade template:

@foreach($data["first\_products"] as $product)

...

@endforeach

remember that the first parameter of the foreach corresponds to the array that is received from the controller that calls the view in execution, and the second parameter corresponds to each iteration that is going to be performed

## CLASSES

To name the classes we have the following specifications:

* Without are controller classes must be called the same as the php file and must be in singular referring to the object they represent, add the word Controller and end with extends Controller  
  *Example:*

***file: ProductController.php***

The definition of the class must be done in the following way:  
  
class ProductController extends Controller  
{  
 ...  
}

* If they are Model classes, they must also be called in the same way as the file and must be put in the singular referring to the object it represents and end with extends Model

*Example*

***file: Product.php***

***Class:***

class Produc extends Model

{

...

}

* If it is a Migration class, it is necessary to save the file as follows

***year\_month\_day\_000000\_create\_[table\_name]s\_table.php*** and the class of must be defined as follows:

class Create[table\_name]sTable extends Migration

{

...

}

Where ***[table\_name]*** corresponds to the name of the table

*Example:*

***Table: product***

***File: 2020\_02\_30\_000000\_create\_pruducs\_table.php***

***Class:***

class CreateProductsTable extends Migration

{

...

}

***Don't forget the letter s***

## METHOD DEFINITION

For the definition of methods, the following structure is necessary

public function name\_function($ value1, $ value2, ...)

{

...

}

## STRINGS

For concatenation of variables with strings, the following structure must be considered

$value = "My name is: ". $name;

## COMMENTS

The following structure is used for comments

* If the comment is a single line use ***//***

***Example***

// this is a one-line comment

* If, on the other hand, it is of several lines, it must be done in the following way:

/ \*

\*

\* This is a comment

\* multi-line

\* /