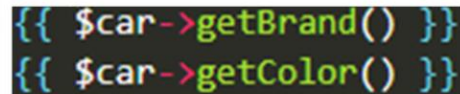# Programming rules

Views

- Do not create SQL queries
- All views must be .blade.php
- To refer to an atribute from an object from the model, you should use the proper methods

```
{{ $car->getBrand() }}
{{ $car->getColor() }}
```

- All non-admin views must extend from layouts/master
- All admin views must extend from layouts/admin.master
- Never open and close php tags within views.

Routes

- Every route must be associated with a controller..
- Routes must be declared in web.php module.
- Api routes must be declared in api.php module.
- Routes can not validate, instead.

Controllers

- The validate method must be in the model
- Never echo a controller.
- Controllers must extend Controller

Models

- The validate method must be in the model

```
class Question extends Model
{
    //attributes id, question, car_id, user_id, created_at, updated_at
    protected $fillable = ['question', 'car_id', 'user_id'];

    public static function validate(Request $request)
    {
        $request->validate([
            "question" => "required",
            "car_id" => "required|numeric|gt:0",
            "user_id" => "required|numeric|gt:0"
        ]);
    }
}
```

- Models should not redirect to any route

Module declaration

- Try to use the migrations system
- Comply with the DRY principle
- All modules should contain a comment on the top specifying it's creator

```
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Http\Request;

// Andrew Pérez
// Juan José Escudero

class Question extends Model
```