Projeto AngularJS para Zumbis

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Cronograma

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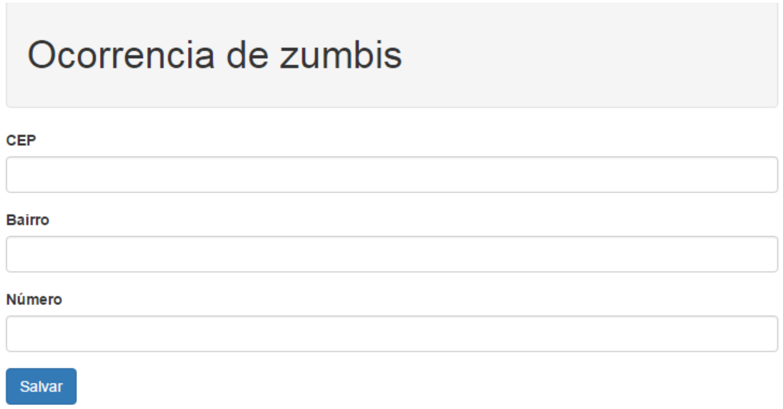
Funcionamento da página

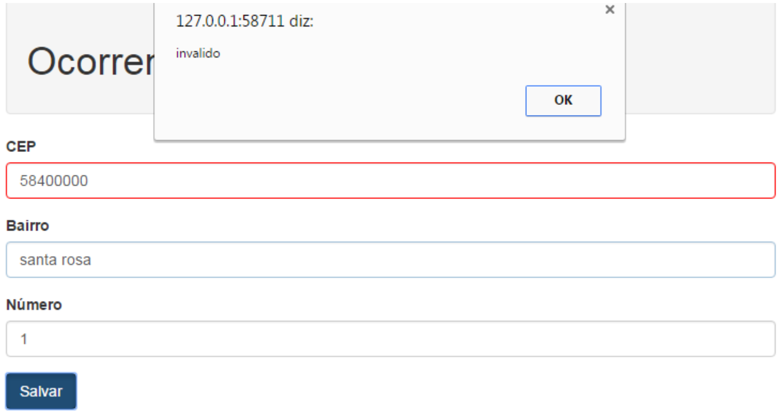


Ocorrencia de zumbis

CEP

Bairro

Número



Ocorrer

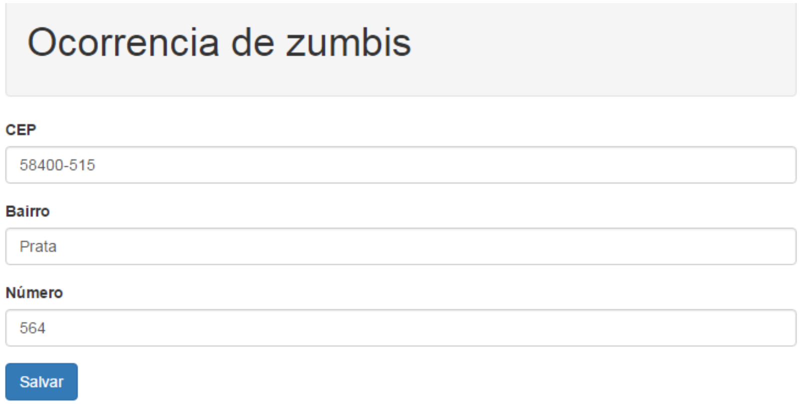
127.0.0.1:58711 diz:

invalido

CEP: 58400000

Bairro: santa rosa

Número: 1

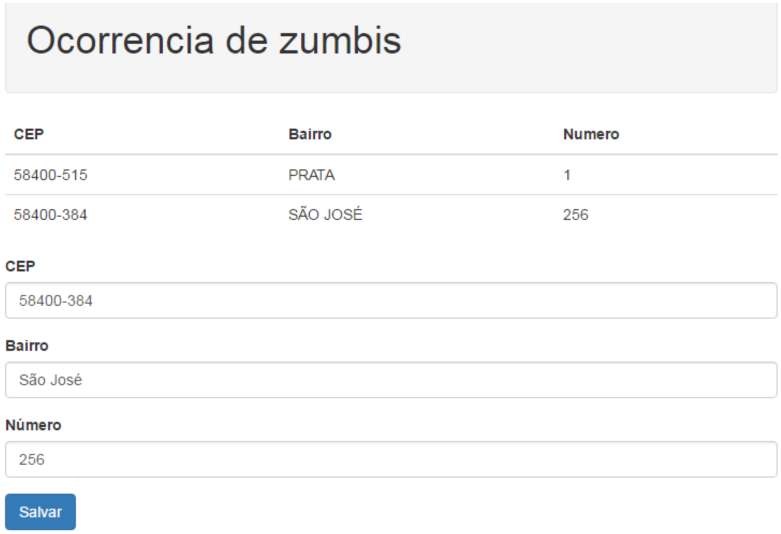


Ocorrencia de zumbis

CEP: 58400-515

Bairro: Prata

Número: 564



Ocorrencia de zumbis

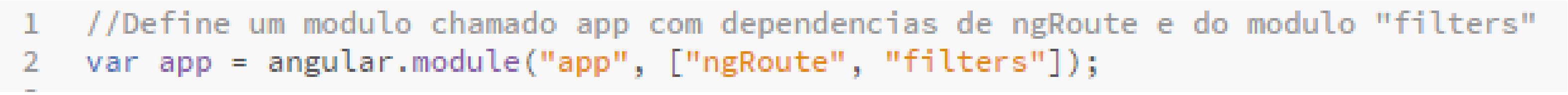
CEP	Bairro	Numero
58400-515	PRATA	1
58400-384	SÃO JOSÉ	256

CEP: 58400-384

Bairro: São José

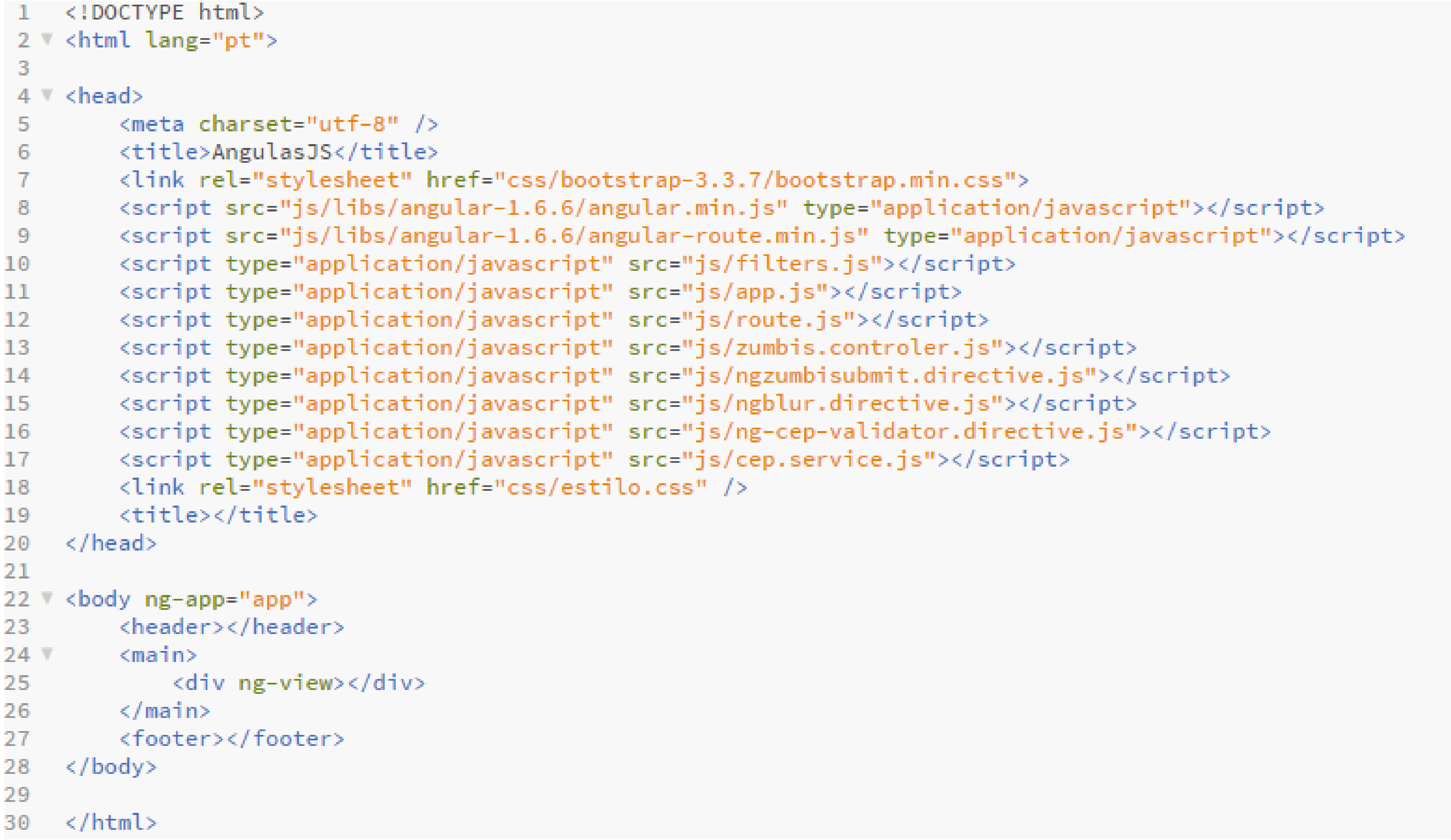
Número: 256

app.js



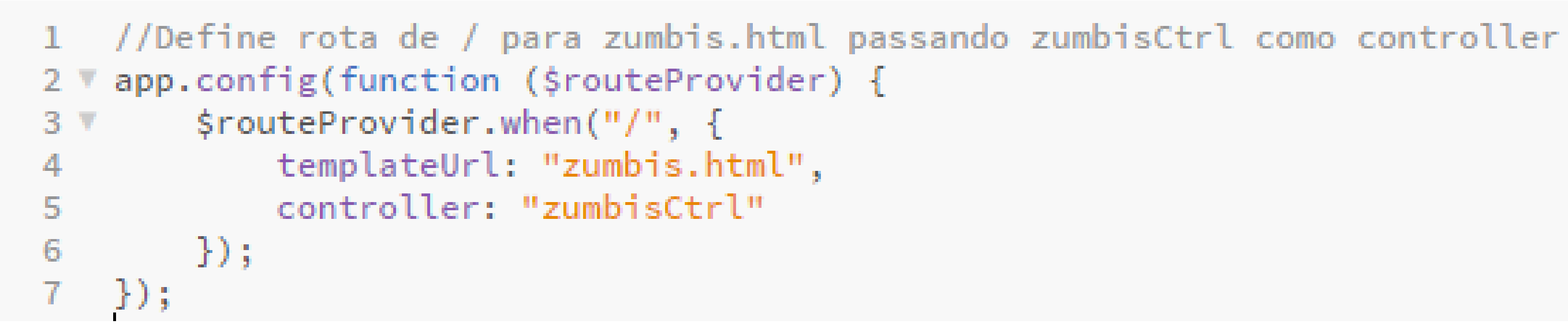
```
//Define um modulo chamado app com dependencias de ngRoute e do modulo "filters"
var app = angular.module("app", ["ngRoute", "filters"]);
```

index.html



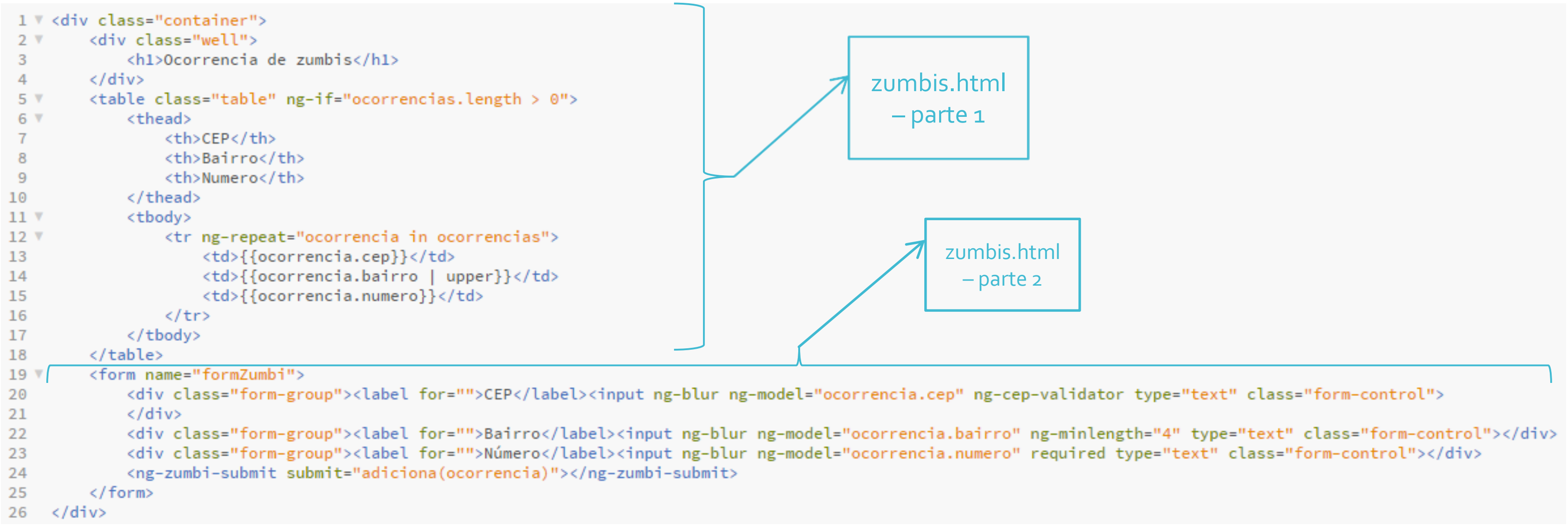
```html
<!DOCTYPE html>
<html lang="pt">

<head>
    <meta charset="utf-8" />
    <title>AngulasJS</title>
    <link rel="stylesheet" href="css/bootstrap-3.3.7/bootstrap.min.css">
    <script src="js/libs/angular-1.6.6/angular.min.js" type="application/javascript"></script>
    <script src="js/libs/angular-1.6.6/angular-route.min.js" type="application/javascript"></script>
    <script type="application/javascript" src="js/filters.js"></script>
    <script type="application/javascript" src="js/app.js"></script>
    <script type="application/javascript" src="js/route.js"></script>
    <script type="application/javascript" src="js/zumbis.controler.js"></script>
    <script type="application/javascript" src="js/ngzumbisubmit.directive.js"></script>
    <script type="application/javascript" src="js/ngblur.directive.js"></script>
    <script type="application/javascript" src="js/ng-cep-validator.directive.js"></script>
    <script type="application/javascript" src="js/cep.service.js"></script>
    <link rel="stylesheet" href="css/estilo.css" />
    <title></title>
</head>

<body ng-app="app">
    <header></header>
    <main>
        <div ng-view></div>
    </main>
    <footer></footer>
</body>

</html>
```

route.js



```
//Define rota de / para zumbis.html passando zumbisCtrl como controller
app.config(function ($routeProvider) {
    $routeProvider.when("/", {
        templateUrl: "zumbis.html",
        controller: "zumbisCtrl"
    });
});
```

zumbis.html

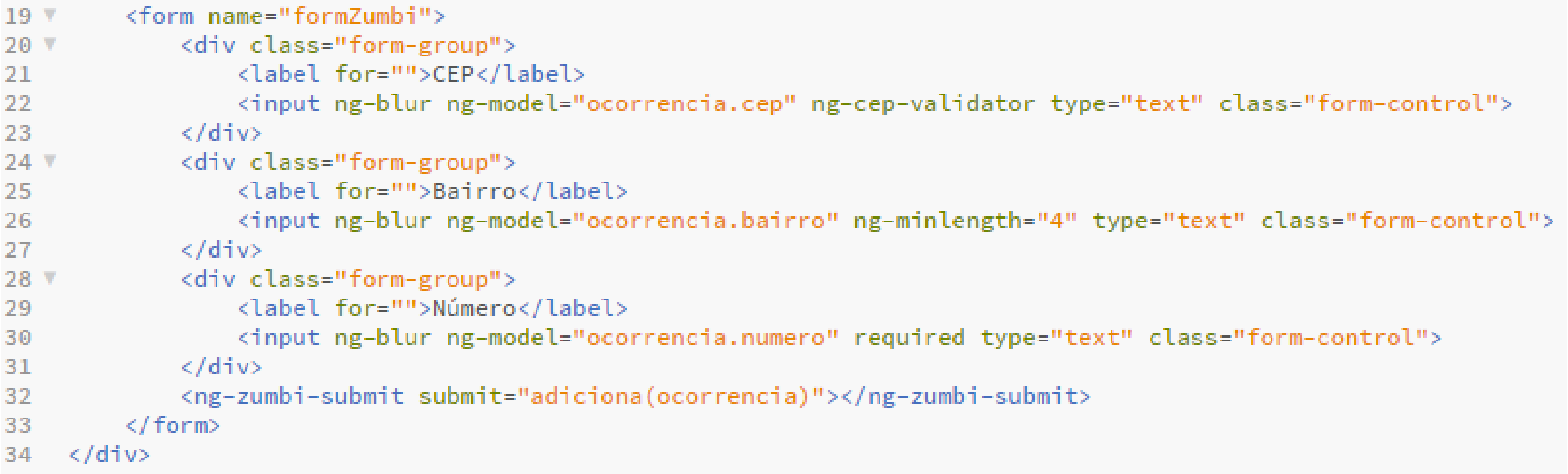


```html
<div class="container">
    <div class="well">
        <h1>Ocorrencia de zumbis</h1>
    </div>
    <table class="table" ng-if="ocorrencias.length > 0">
        <thead>
            <th>CEP</th>
            <th>Bairro</th>
            <th>Numero</th>
        </thead>
        <tbody>
            <tr ng-repeat="ocorrencia in ocorrencias">
                <td>{{ocorrencia.cep}}</td>
                <td>{{ocorrencia.bairro | upper}}</td>
                <td>{{ocorrencia.numero}}</td>
            </tr>
        </tbody>
    </table>
    <form name="formZumbi">
        <div class="form-group"><label for="">CEP</label><input ng-blur ng-model="ocorrencia.cep" ng-cep-validator type="text" class="form-control">
        </div>
        <div class="form-group"><label for="">Bairro</label><input ng-blur ng-model="ocorrencia.bairro" ng-minlength="4" type="text" class="form-control"></div>
        <div class="form-group"><label for="">Número</label><input ng-blur ng-model="ocorrencia.numero" required type="text" class="form-control"></div>
        <ng-zumbi-submit submit="adiciona(ocorrencia)"></ng-zumbi-submit>
    </form>
</div>
```

zumbis.html – parte 1

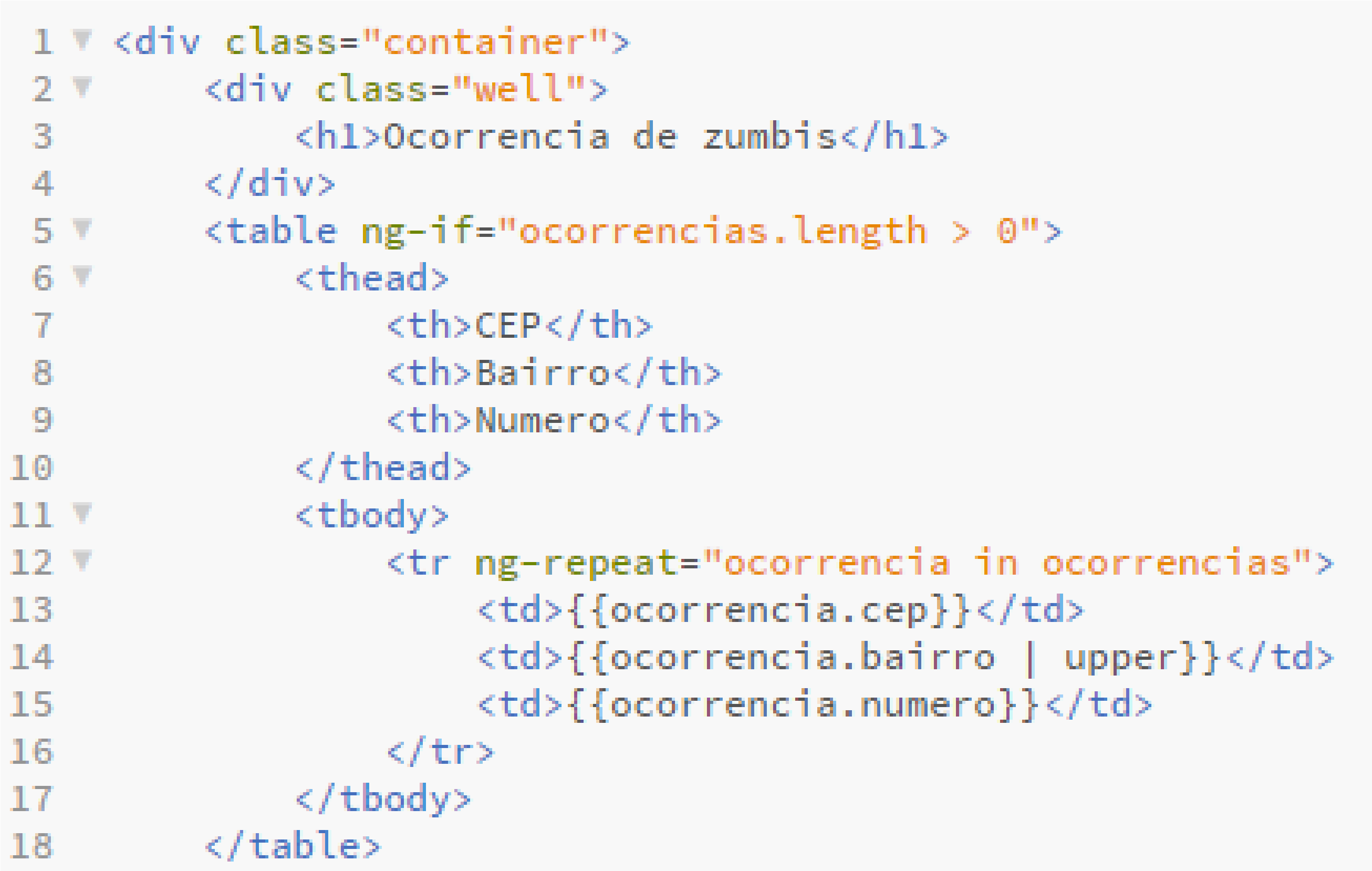
zumbis.html – parte 2

zumbis.html Parte 2



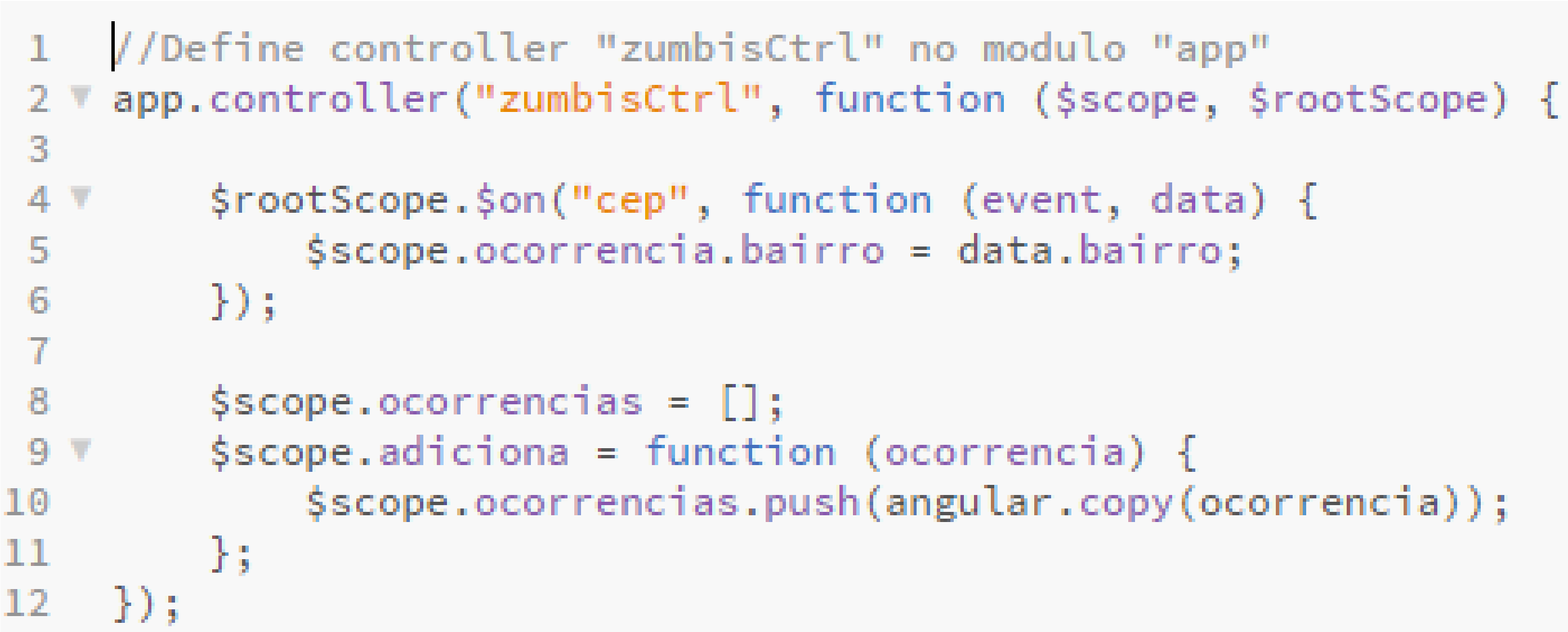
```html
    <form name="formZumbi">
        <div class="form-group">
            <label for="">CEP</label>
            <input ng-blur ng-model="ocorrencia.cep" ng-cep-validator type="text" class="form-control">
        </div>
        <div class="form-group">
            <label for="">Bairro</label>
            <input ng-blur ng-model="ocorrencia.bairro" ng-minlength="4" type="text" class="form-control">
        </div>
        <div class="form-group">
            <label for="">Número</label>
            <input ng-blur ng-model="ocorrencia.numero" required type="text" class="form-control">
        </div>
        <ng-zumbi-submit submit="adiciona(ocorrencia)"></ng-zumbi-submit>
    </form>
</div>
```

zumbis.html
Parte 1



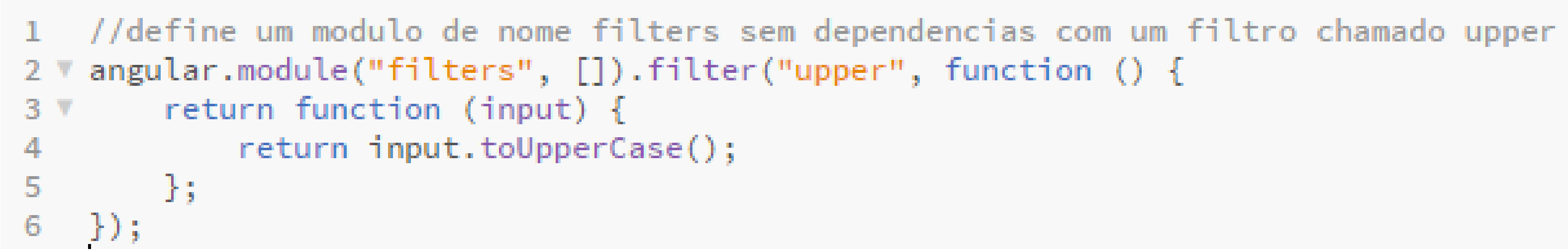
```
<div class="container">
    <div class="well">
        <h1>Ocorrencia de zumbis</h1>
    </div>
    <table ng-if="ocorrencias.length > 0">
        <thead>
            <th>CEP</th>
            <th>Bairro</th>
            <th>Numero</th>
        </thead>
        <tbody>
            <tr ng-repeat="ocorrencia in ocorrencias">
                <td>{{ocorrencia.cep}}</td>
                <td>{{ocorrencia.bairro | upper}}</td>
                <td>{{ocorrencia.numero}}</td>
            </tr>
        </tbody>
    </table>
```

zumbis.controller .js



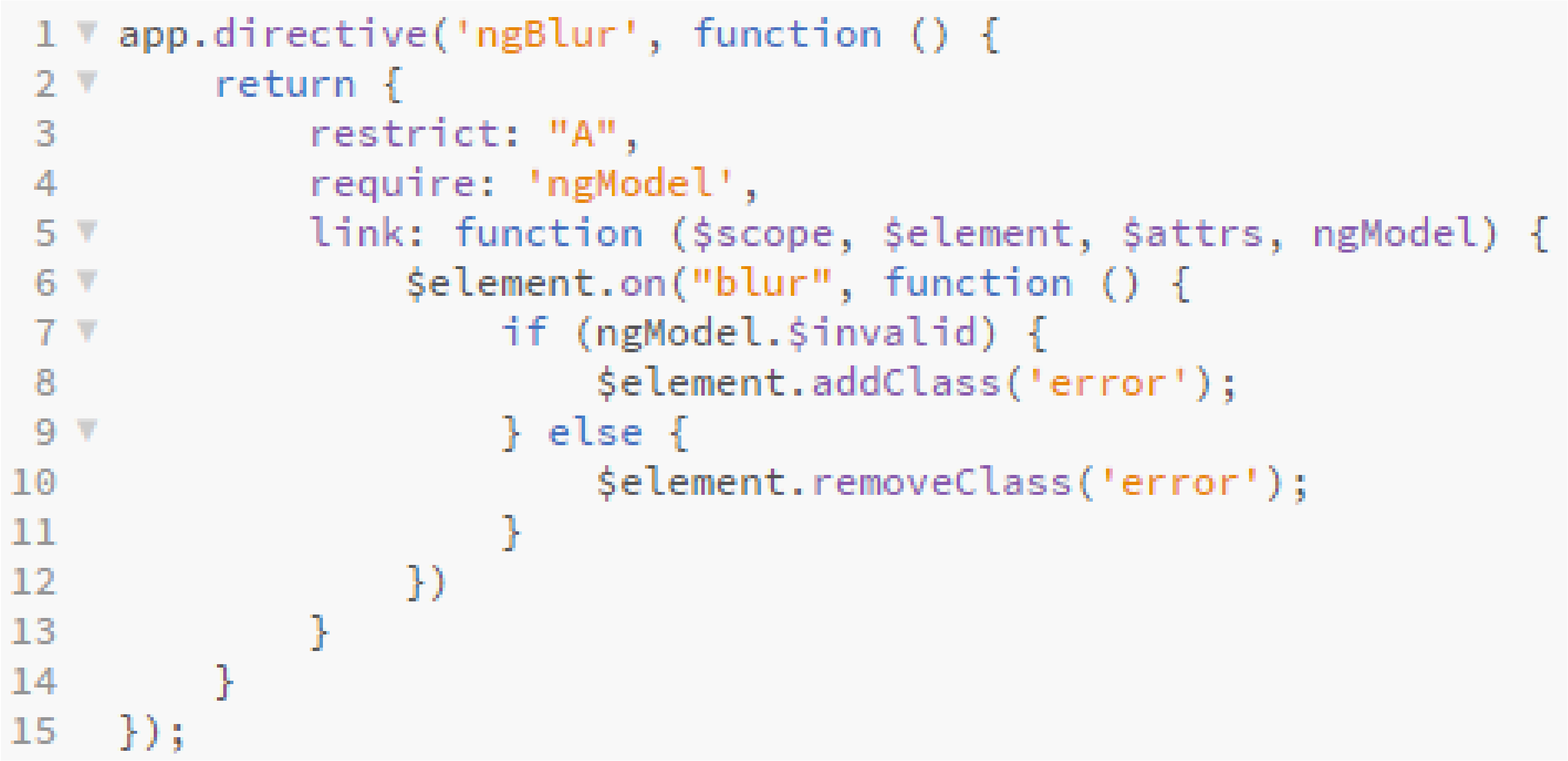
```
//Define controller "zumbisCtrl" no modulo "app"
app.controller("zumbisCtrl", function ($scope, $rootScope) {

    $rootScope.$on("cep", function (event, data) {
        $scope.ocorrencia.bairro = data.bairro;
    });

    $scope.ocorrencias = [];
    $scope.adiciona = function (ocorrencia) {
        $scope.ocorrencias.push(angular.copy(ocorrencia));
    };
});
```

filters.js



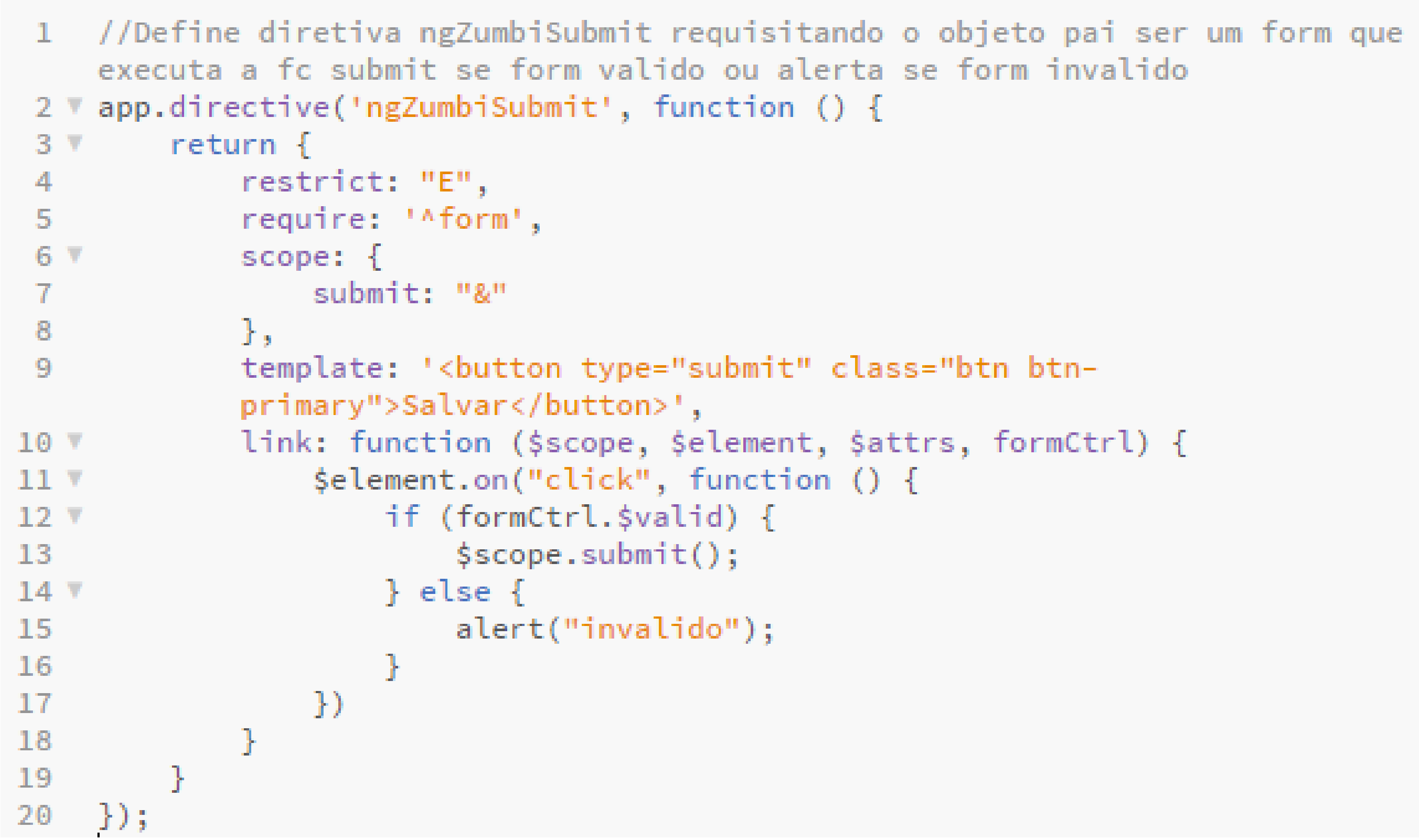
```
//define um modulo de nome filters sem dependencias com um filtro chamado upper
angular.module("filters", []).filter("upper", function () {
    return function (input) {
        return input.toUpperCase();
    };
});
```

ngblur.directive .js



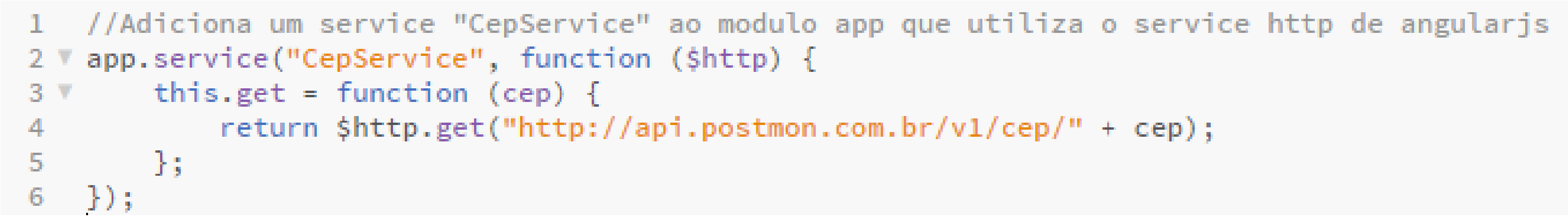
```
app.directive('ngBlur', function () {
    return {
        restrict: "A",
        require: 'ngModel',
        link: function ($scope, $element, $attrs, ngModel) {
            $element.on("blur", function () {
                if (ngModel.$invalid) {
                    $element.addClass('error');
                } else {
                    $element.removeClass('error');
                }
            })
        }
    }
});
```

ngzumbisubmit.directive.js



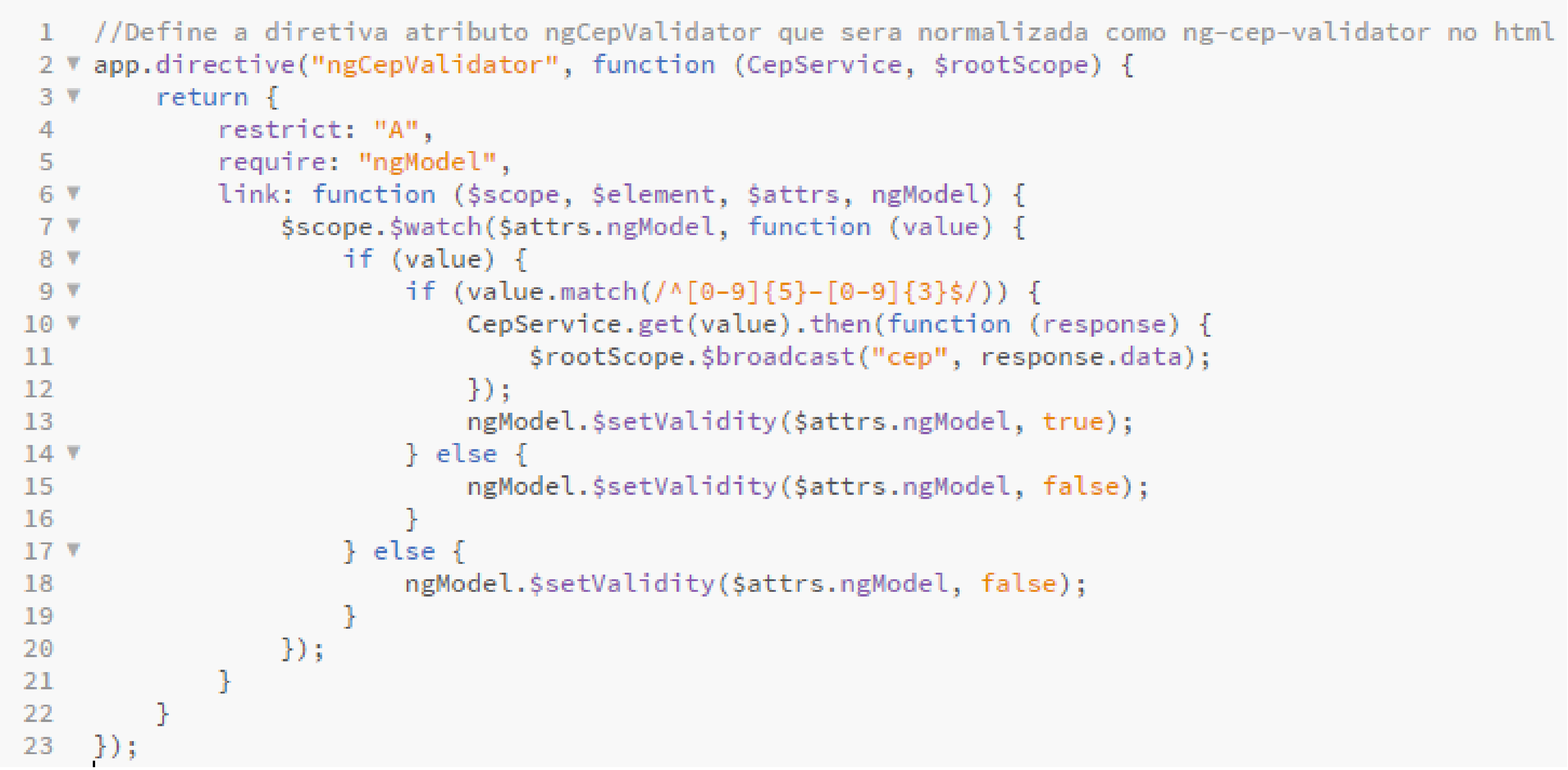
```
//Define diretiva ngZumbiSubmit requisitando o objeto pai ser um form que executa a fc submit se form valido ou alerta se form invalido
app.directive('ngZumbiSubmit', function () {
    return {
        restrict: "E",
        require: '^form',
        scope: {
            submit: "&"
        },
        template: '<button type="submit" class="btn btn-primary">Salvar</button>',
        link: function ($scope, $element, $attrs, formCtrl) {
            $element.on("click", function () {
                if (formCtrl.$valid) {
                    $scope.submit();
                } else {
                    alert("invalido");
                }
            })
        }
    }
});
```

cep.service.js



```
//Adiciona um service "CepService" ao modulo app que utiliza o service http de angularjs
app.service("CepService", function ($http) {
    this.get = function (cep) {
        return $http.get("http://api.postmon.com.br/v1/cep/" + cep);
    };
});
```

ng-cep-validator.directive.js



```javascript
//Define a diretiva atributo ngCepValidator que sera normalizada como ng-cep-validator no html
app.directive("ngCepValidator", function (CepService, $rootScope) {
    return {
        restrict: "A",
        require: "ngModel",
        link: function ($scope, $element, $attrs, ngModel) {
            $scope.$watch($attrs.ngModel, function (value) {
                if (value) {
                    if (value.match(/^[0-9]{5}-[0-9]{3}$/)) {
                        CepService.get(value).then(function (response) {
                            $rootScope.$broadcast("cep", response.data);
                        });
                        ngModel.$setValidity($attrs.ngModel, true);
                    } else {
                        ngModel.$setValidity($attrs.ngModel, false);
                    }
                } else {
                    ngModel.$setValidity($attrs.ngModel, false);
                }
            });
        }
    }
});
```

Fim!