```
<div role="main" class="container">

    <br/><br/>

    <h2>CR Example</h2>


    <br/>

    <div class="row" data-bind="if: error">

        <div class="col-sm-12">

        <div class="alert alert-danger" role="alert">

            <strong>Warning!</strong>  <span data-bind="text: error()"></span>

        </div>

        </div>

    </div>


    <div class="row">

        <div class="col-sm-6">

            <div class="card card-inverse" style="background-color: #333; border-color:
#333; color: white;">

                <div class="card-block p-3">

                    <h3 class="card-title">Grocery List</h3>

                    <div class="card-text">

                        <div class="form-group row">

                            <label for="txtFruit" class="col-2 col-form-label">Fruit: </label>

                            <div class="col-6">
```

```html
                    <input type="text" data-bind="value: fruitToAdd, valueUpdate:
'afterkeydown'"

                        class="form-control" id="txtFruit"/>

                </div>

                <div class="col-4">

                    <a href="#" data-bind="click: add" class="btn btn-
primary">Add</a>

                </div>

            </div>


            <div class="form-group">

                <label for="txtShoppingCart">Shopping Cart: </label>

                <select size="10" class="form-control" data-bind="options: cart"

                    id="txtShoppingCart"></select>

            </div>

        </div>

    </div>

  </div>

 </div>
</div>

<script>
```

```javascript
    function ShoppingCartViewModel() {

        this.fruitToAdd = ko.observable("");

        this.cart = ko.observableArray(["Apple", "Orange"]);

        this.error = ko.observable("");


        this.add = function () {
            if ((this.fruitToAdd() !== "") && (this.cart.indexOf(this.fruitToAdd()) < 0)) {

                this.error("");

                this.cart.push(this.fruitToAdd());

            }
            else {

                this.error("Duplicate or Invalid Entry.");

            }


            this.fruitToAdd("");

        }

    }

    ko.applyBindings(new ShoppingCartViewModel());
</script>
```