Review

app.js

```
App.ProductsController = Ember.ArrayController.extend({
  sortProperties: ['title']
});
```
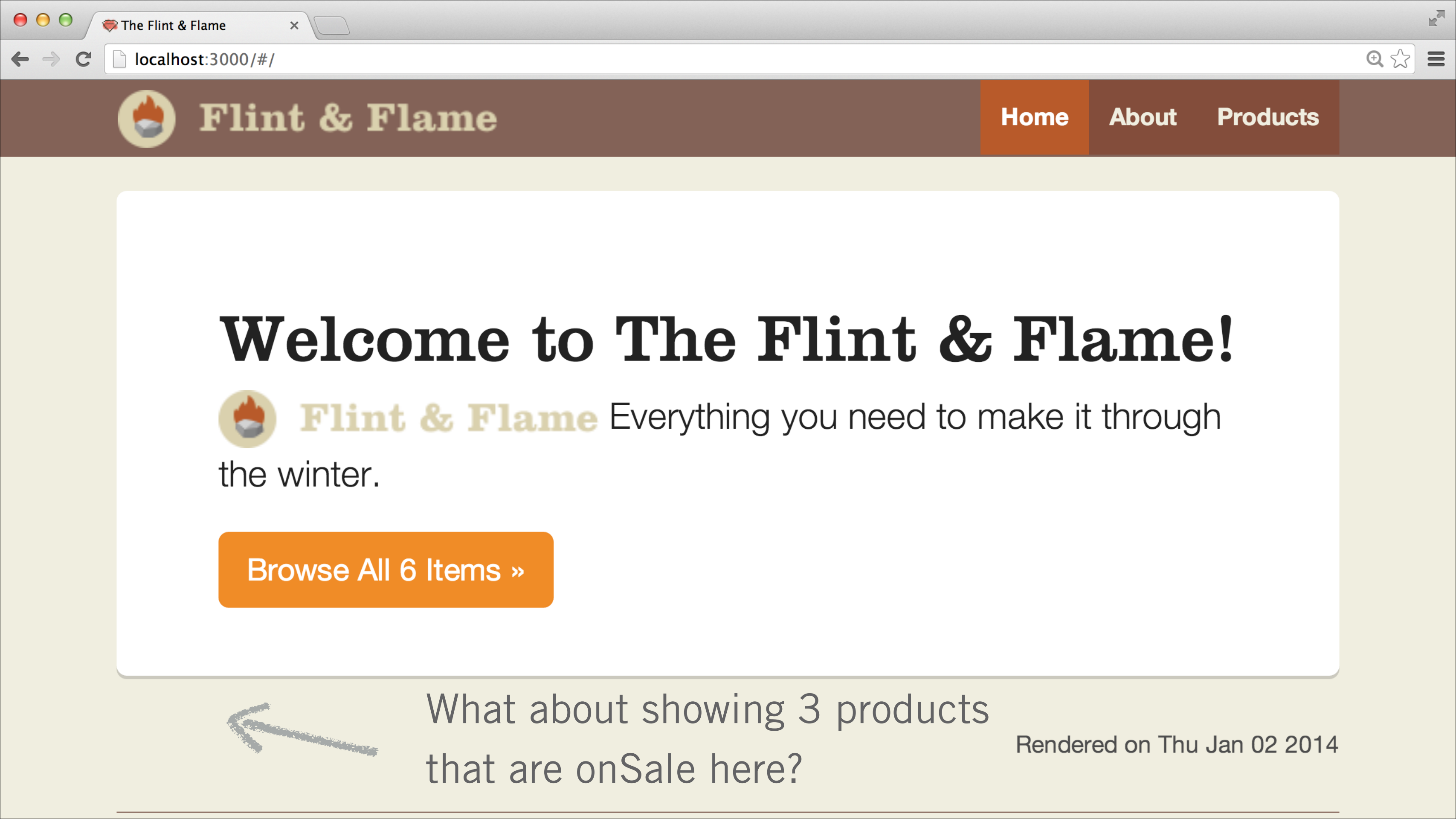
Sort the array of products

```
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length')
});
```

Create a property tied to a method on the model

Flint & Flame

Welcome to The Flint & Flame!

Flint & Flame Everything you need to make it through the winter.

Browse All 6 Items »

What about showing 3 products that are onSale here?

Rendered on Thu Jan 02 2014

onSale Property

app.js

```
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    // Return only 3 products that are on sale
  }.property()
});
```
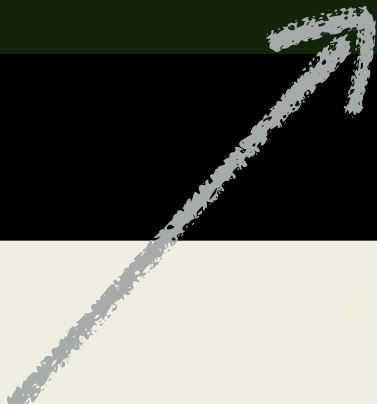
We can filter down the model and use
that property in our template

filter in A Controller

app.js

```
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filter(function(product) {
      // Return true if the product is on sale
    });
  }.property()
});
```

Filter loops over all products and returns only those that return true in the function.

Returning in a filter

app.js

```
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filter(function(product) {
      return product.get('isOnSale');
    });
  }.property()
});
```
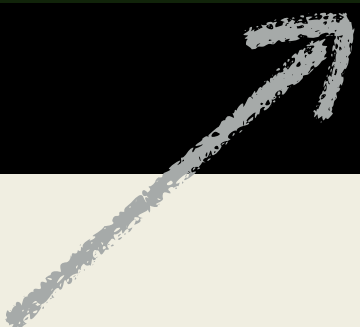
We have access to the product in the loop,

so we can use the isOnSale property

filterBy in A Controller

app.js

```javascript
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filterBy('isOnSale', true);
  }.property()
});
```

We can filter by a property the same way we filtered by title earlier

filterBy Defaults

app.js

```javascript
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filterBy('isOnSale');
  }.property()
});
```

filterBy defaults to true, so we can remove that argument

Still need to limit the result to 3 products

Limiting a Result

app.js

```js
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filterBy('isOnSale').slice(0,3);
  }.property()
});
```
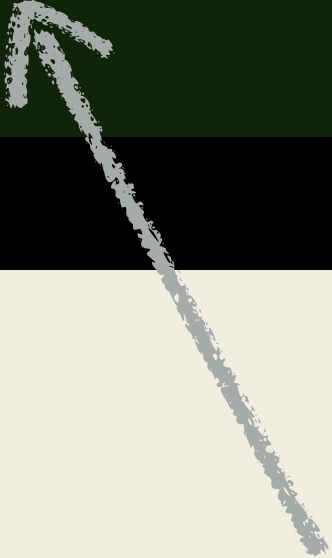
Use JavaScript to limit the result to the first 3

Updating Our index Template

index.html

```
<script type="text/x-handlebars" data-template-name="index">
  ...
  {{#each onSale}}

  {{/each}}
</script>
```

Loop over the 3 products from our the
onSale property in our IndexController

Product Details

index.html

```html
<script type="text/x-handlebars" data-template-name="index">
  ...
  {{#each onSale}}
    <div class='col-sm-4'>
      <img {{bind-attr src='image'}} class='img-thumbnail col-sm-5'/>
      <div class='col-sm-7'>
        <h2>{{title}}</h2>
        <p class="product-description">{{description}}</p>
        <p>{{#link-to 'product' this class='btn btn-success'}}
          Buy for ${{price}}{{/link-to}}</p>
      </div>
    </div>
  {{/each}}
</script>
```
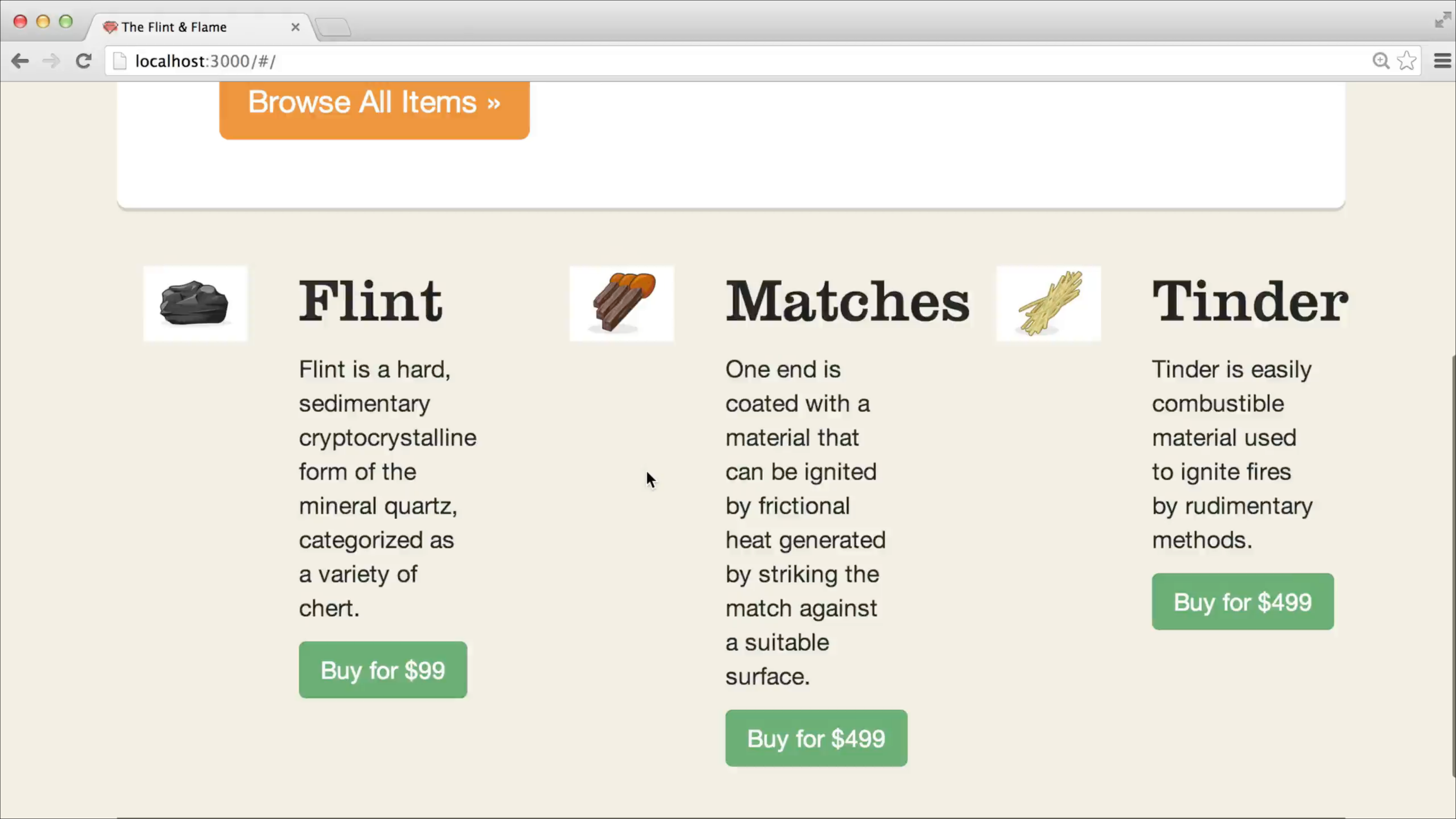
Give some details about the product

localhost:3000/#/

Browse All Items »

Flint

Flint is a hard, sedimentary cryptocrystalline form of the mineral quartz, categorized as a variety of chert.

Buy for $99

Matches

One end is coated with a material that can be ignited by frictional heat generated by striking the match against a suitable surface.

Buy for $499

Tinder

Tinder is easily combustible material used to ignite fires by rudimentary methods.

Buy for $499

Watching for Changes

app.js

```
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filterProperty('isOnSale', true).slice(0,3);
  }.property('@each.isOnSale')
});
```

Update this property if the isOnSale

attribute changes on any product

localhost:3000/#/

Flint

Flint is a hard, sedimentary cryptocrystalline form of the mineral quartz, categorized as a variety of chert

Matches

One end is coated with a material that can be ignited by frictional heat generated by striking the match against

Tinder

Tinder is easily combustible material used to ignite fires by rudimentary methods.

Buy for $499

| Elements | Resources | Network | Sources | Timeline | Profiles | Audits | Console | Ember |

View Tree

/# Routes

Data

Model Type

App.Product

App.Review

»

title: Flint

price: 99

description: Flint is a hard, sedimentary c...

isOnSale: true

>$E

image: /assets/products/flint.png

⚠ 11