Student Exercise for Introduction to Vue.js

In this exercise you will take everything you learned today and build your own Vue application that contains a custom component. You are going to build a small shopping list application that displays a list of items you need to purchase from the grocery store.

These are some guidelines for building this application:

- Create a new vue project called shopping-list `vue create shopping-list`
- Create a custom component called ShoppingList
    - This will be very similar to the todo list tutorial
    - Should be based on a `<ul></ul>`
    - Should contain more than 1 `<li></li>`
- Import your shopping list component in App.vue
- Display your shopping list
- Run your application and verify that you have a shopping list

Shopping List Styles

If you want to give you shopping list component some style you can use the following. First in `App.vue` add the following style for the body:
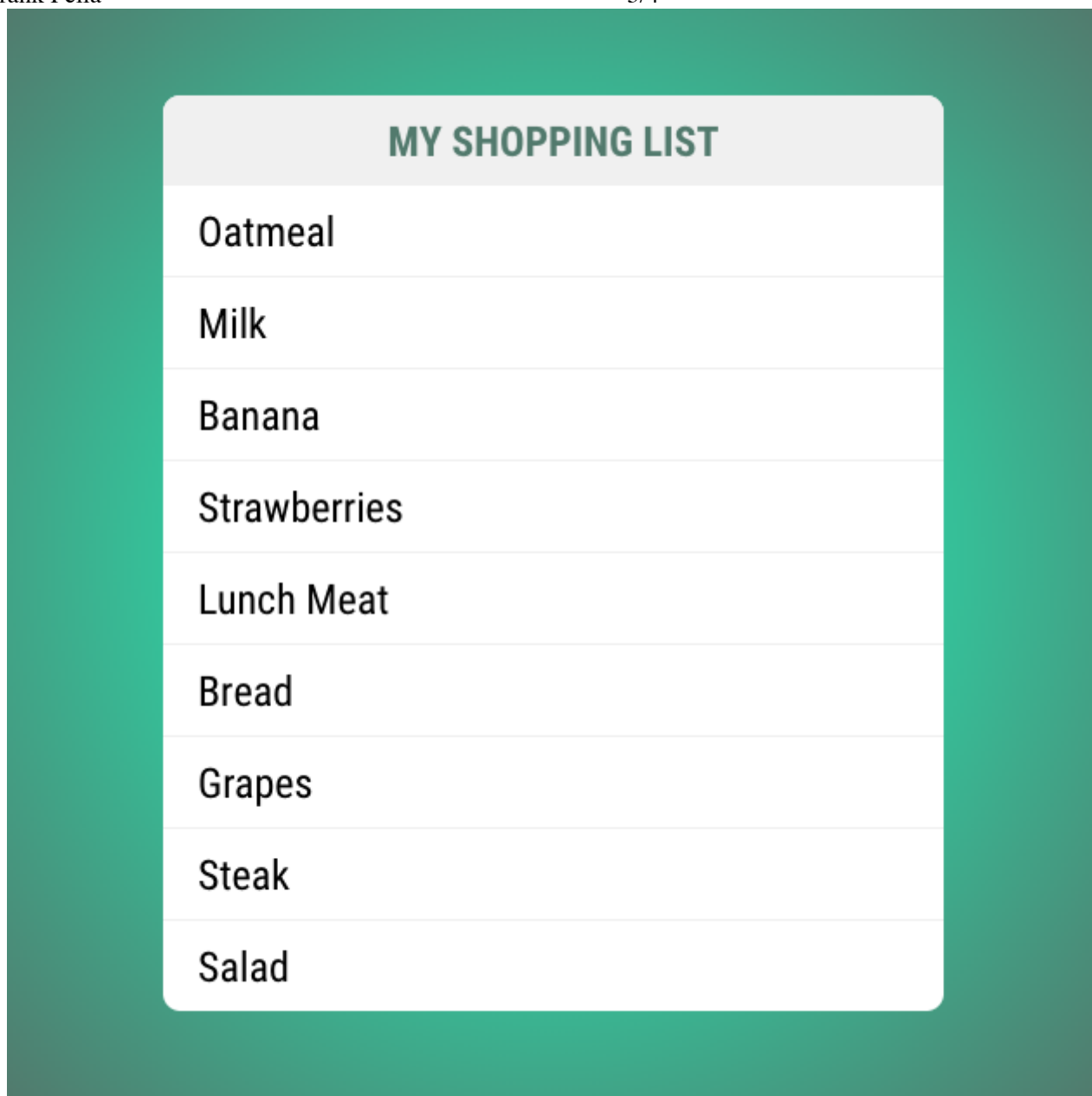
```
<style>
body {
  background: rgb(61,201,164);
  background: radial-gradient(circle, rgba(61,201,164,1) 50%,
rgba(92,133,120,1) 100%);
}
</style>
```

And in `ShoppingList.vue` add the following styles:

```
<style>
.shopping-list {
    width:450px;
    background: #fff;
    margin: 50px auto;
    font-family: 'Roboto Condensed', sans-serif;
    border-radius: 10px;
}
h1 {
    background:#f2f2f2;
    color:#5c8578;
    padding:10px;
    font-size:24px;
    text-transform: uppercase;
    text-align: center;
    margin-bottom: 0px;
    border-top-left-radius: 10px;
```
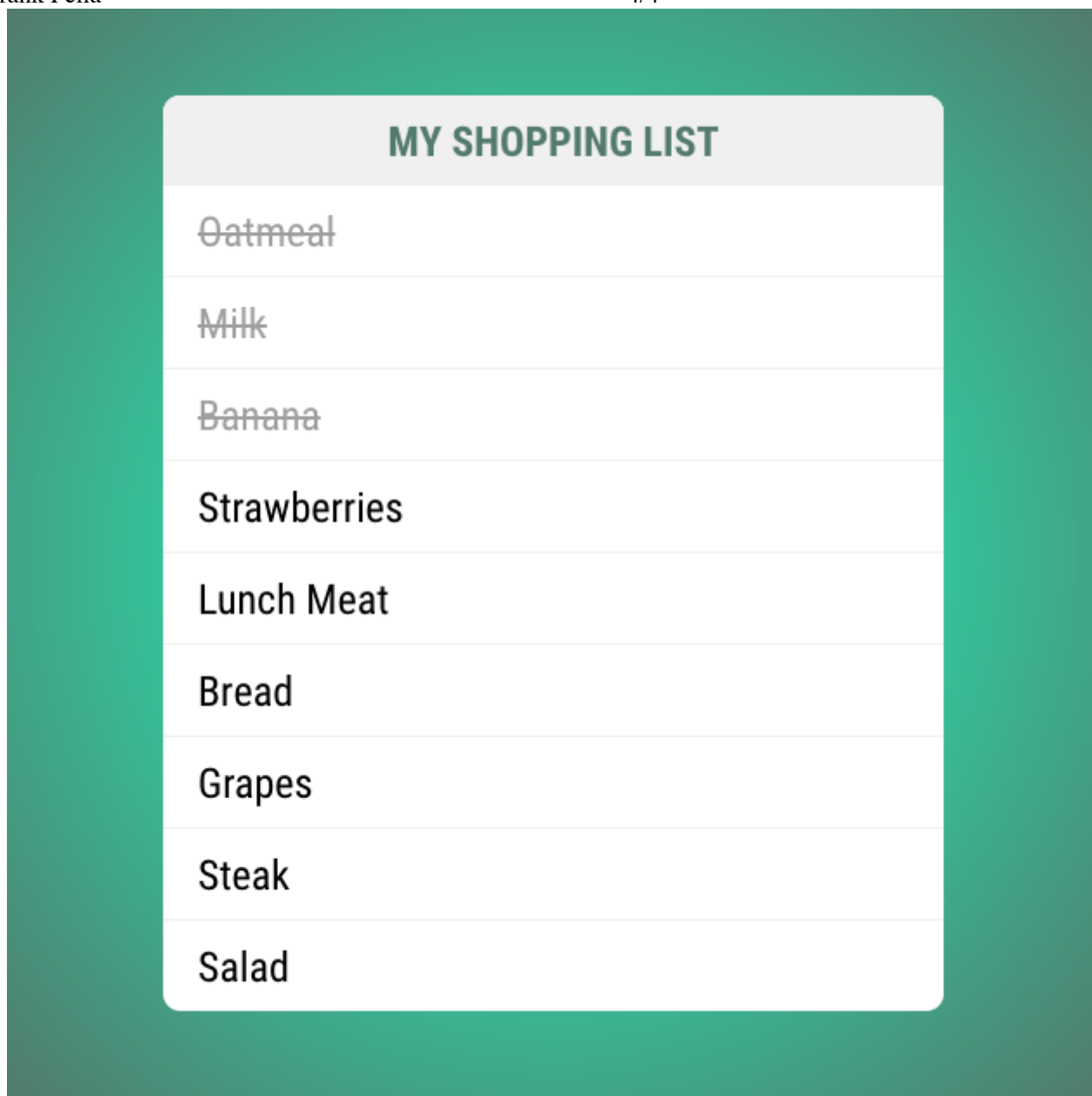
```css
        border-top-right-radius: 10px;
    }
    ul {
        list-style-type: none;
        margin:0px;
        padding:0px;
    }
    li {
        font-size: 24px;
        border-bottom:1px solid #f2f2f2;
        padding:10px 20px;
    }
    li:last-child{
        border:0px;
    }
    li.completed {
        text-decoration: line-through;
        color:darkgrey;
    }
</style>
```

If you completed the exercise you should have a list of items on your shopping list. Here is my shopping list:

Completed Class

To give your shopping list a little style add a class called `completed` to a few of the items. To give it the appearance of completed you will want to change the font color to dark grey and add a line through the item. If everything goes well you should end up with something that looks like this.

Exercise Tests

To consider your exercise a success we will run an automated test against it. Those tests will check for the following criteria.

- You should have a shopping ist on your page that is made up of an `<ul></ul>` and more than 1 `<li></li>`.
- At least 1 of your list items should have a class of `completed`.