


```
[{"x":3,"y":370853178.74},
{"name":2014,"data":403272964.28},
{"x":4,"y":217294031.36},
{"name":2013,"data":224715039.94},
{"x":4,"y":249034460.23},
{"name":2012,"data":215978054.15},
{"x":5,"y":241211810.92}]&rsquo;;
```

Next, we need some UI elements. Am I right?

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```
<div id=&ldquo;unsorted&rdquo;></div>
<div id=&ldquo;sorted&rdquo;></div>
<button id=&ldquo;makemesort&rdquo;>Make Me Sort</button>
```

What next? We need to show this data to our UI, right? For that, I am calling a function in our document ready function.

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```
var jsonObject;
$(function () {
    $('#sorted&rsquo;).hide();
    loadUnsorted();
    $('#makemesort&rsquo;).click(function () {
        loadSorted();
        $('#makemesort&rsquo;).hide();
        $('#sorted&rsquo;).show();
    });
});
```

The following is the function definition for the **loadUnsorted()** function.

[Hide](#) [Copy Code](#)

```
function loadUnsorted() {
    jsonObject = $.parseJSON(data);
    var html = &ldquo;<table><th>Year</th>
```

What we are doing here is parsing our data and appending the data to our UI element using a **for** loop.

Now if you run it, you will get output as follows:



Now we have successfully formatted our data and shown it to our UI. Cool, right?
So shall we go and sort our data? I guess you said "Yes". Awesome.
Now, we will create a click event for our "Make me sort" button as in the following:

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```
$('#makemesort').click(function () {  
    loadSorted();  
    $('#makemesort').hide();  
    $('#sorted').show();  
});
```

So here is the definition for the `loadSorted()` function.

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```
function loadSorted() {  
    jsonObject.sort(SortMe);  
    var html = '<table><th>Year</th>
```

Now, I guess you could determine the difference of both the `loadSorted()` and `loadUnsorted()` functions. Yeah, you are right. I am calling a sort function "`sortMe`" there.

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```
function SortMe(a, b) {  
    if (b.name != null && b.name != undefined && a.name != null && a.name != undefined) {  
        var First = a.name.toString().toLowerCase();  
        var Second = b.name.toString().toLowerCase();  
        return ((First < Second) ? -1 : ((First > Second) ? 1 : 0));  
    }  
}
```

What our "`sortMe`" function does is, it will take two objects at a time and compare those by the property "`name`" of each object.

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```
((First < Second) ? -1 : ((First > Second) ? 1 : 0))
```

Now, shall we look into the complete code? We have done everything folks.

Complete Code

```

<!DOCTYPE html>
<html>
<head>
  <title>Sort JSON Object by its property and show demo &ndash; Sibeesh Passion</title>
  <script src=&ldquo;jquery-2.1.4.min.js&rdquo;></script>
  <style>
    #unsorted {
      border: 1px solid #999;
      width:220px;
      padding:10px;
      float:left;
    }
    #sorted {
      border: 1px solid #999;
      width:220px;
      padding:10px;
      float:left;
    }
    td {
      border: 1px solid #ccc;
      padding: 5px;
      text-align: center;
    }
  </style>
</script>
  var data = &lsquo;[{&ldquo;name&rdquo;:2014,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;1&Prime;,&rdquo;y&rdquo;:222808746.81}],
  {&ldquo;name&rdquo;:2013,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;2&Prime;,&rdquo;y&rdquo;:289647045.18}],
  {&ldquo;name&rdquo;:2014,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;2&Prime;,&rdquo;y&rdquo;:285136890.07}],
  {&ldquo;name&rdquo;:2013,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;3&Prime;,&rdquo;y&rdquo;:370853178.74}],
  {&ldquo;name&rdquo;:2014,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;3&Prime;,&rdquo;y&rdquo;:403272964.28}],
  {&ldquo;name&rdquo;:2012,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;4&Prime;,&rdquo;y&rdquo;:217294031.36}],
  {&ldquo;name&rdquo;:2013,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;4&Prime;,&rdquo;y&rdquo;:224715039.94}],
  {&ldquo;name&rdquo;:2014,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;4&Prime;,&rdquo;y&rdquo;:249034460.23}],
  {&ldquo;name&rdquo;:2012,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;5&Prime;,&rdquo;y&rdquo;:215978054.15}],
  {&ldquo;name&rdquo;:2013,&rdquo;data&rdquo;:
[&ldquo;x&rdquo;:&rdquo;5&Prime;,&rdquo;y&rdquo;:241211810.92]]&rsquo;;
  var jsonObject;
  $(function () {
    $(&lsquo;#sorted&rsquo;).hide();
    loadUnsorted();
    $(&lsquo;#makemesort&rsquo;).click(function () {
      loadSorted();
      $(&lsquo;#makemesort&rsquo;).hide();
      $(&lsquo;#sorted&rsquo;).show();
    });
  });
  function loadUnsorted() {
    jsonObject = $.parseJSON(data);
    var html = &lsquo;<table><th>Year</th>
<th>X Value</th><th>Y Value</th>&rsquo;;
    for (i = 0; i < jsonObject.length; i++) {
      html += &lsquo;<tr><td>&rsquo; + jsonObject[i].name +
&lsquo;</td><td>&rsquo; +
      jsonObject[i].data[0].x + &lsquo;</td><td>&rsquo; +
      jsonObject[i].data[0].y + &lsquo;</td></tr>&rsquo;;
    }
    html += &lsquo;</table>&rsquo;;
    $(&lsquo;#unsorted&rsquo;).append(html);
  }
  function loadSorted() {
    jsonObject.sort(SortMe);
    var html = &lsquo;<table><th>Year</th>
<th>X Value</th><th>Y Value</th>&rsquo;;
    for (i = 0; i < jsonObject.length; i++) {

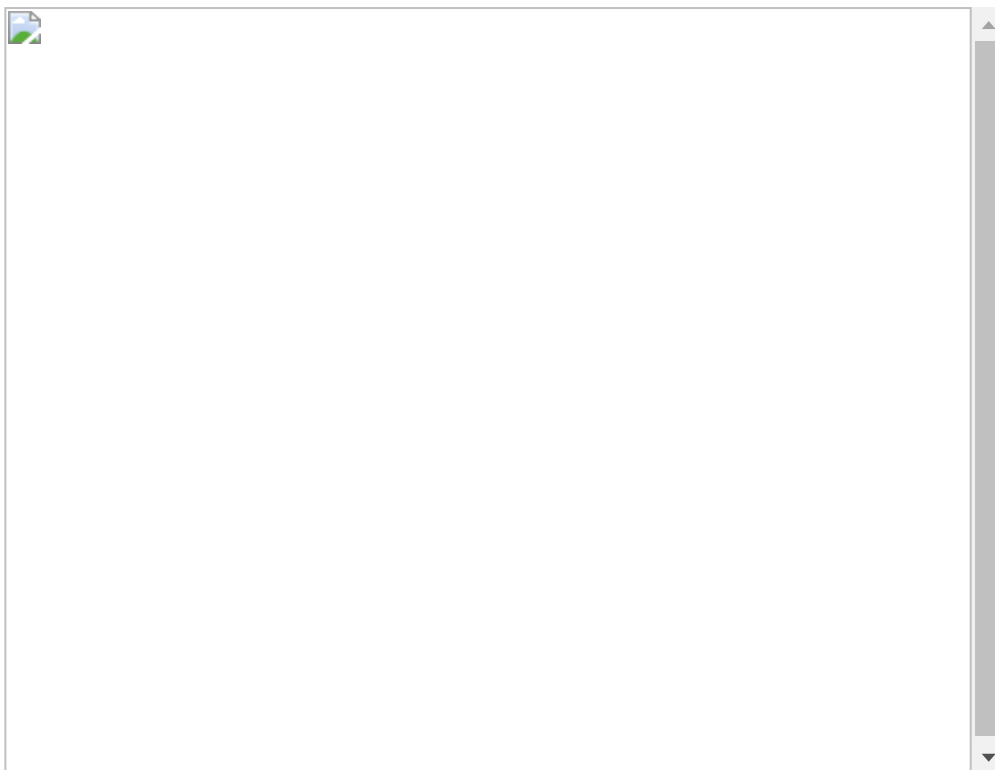
```

```

        html += '<tr><td></td></tr>'; +
        jsonObject[i].name + '</td><td></td></tr>'; +
        jsonObject[i].data[0].x + '</td><td></td></tr>'; +
        jsonObject[i].data[0].y + '</td></tr>';
    }
    html += '</table>';
    $('#sorted').append(html);
}
function SortMe(a, b) {
    if (b.name != null && b.name != undefined &&
        a.name != null && a.name != undefined) {
        var First = a.name.toString().toLowerCase();
        var Second = b.name.toString().toLowerCase();
        return ((First < Second) ? -1 : ((First > Second) ? 1 : 0));
    }
}
</script>
</head>
<body>
    <div id="unsorted"></div>
    <div id="sorted"></div>
    <button id="makemesort">Make Me Sort</button>
</body>
</html>

```

So now, it is time to see our output. I am eager to see it.



You can find we have sorted our object and shown it in a separate table. Cool. That is all for the day. I will return with another article soon.

Conclusion

I hope you liked this article. Please share your valuable thoughts and comments. Your feedback is always welcome. Thanks in advance. Happy coding!.

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Sibeesh Passion 19-Jun-15 21:39

Thanks a lot dear 😊



=====!!!=====!!!=====

So much complexity in software comes from trying to make one thing do two things.

Kindest Regards

Sibeesh

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