

Create a webpage where I can see all companies in a card view.

During the implementation, you should use concepts that we have learned so far.

- Use constructor function for cards data
- Add at least one method in constructor function (example: get URL for location button)

HINT:

Collapse array with data so it's easier to work.

```
Users > ivan.skurdija > Desktop > JS index.js > data
1 > const data = [ ...
232 ]
233
234 /*
235
236 my code here...
237
238 */
239
```

Example of the page (design doesn't need to be the same, design it as you want)

Search:

Sort: No sorting

<div><div>Romaguera-Crona</div><div>Leanne Graham</div><div>Kulas Light, Gwenborough 1-770-736-8031 x56442 Sincere@april.biz hikdegard.org</div></div>	<div><div>Deckow-Crist</div><div>Ervin Howell</div><div>Victor Plains, Wisokyburgh 010-692-6593 x09125 Shanna@melissa.tv amustasia.net</div></div>	<div><div>Romaguera-Jacobson</div><div>Clementine Bauch</div><div>Douglas Extension, McKenziehaven 1-463-123-4447 Nathan@yesenia.net ramiro.info</div></div>
<div><div>Robel-Corkery</div><div>Patricia Lebsack</div><div>Hoeger Mall, South Elvis 493-170-9623 x156 Julianne.OConner@kory.org kale.biz</div></div>	<div><div>Keebler LLC</div><div>Chelsey Dietrich</div><div>Skiles Walks, Roscoeview (254)954-1289 Lucio_Hettinger@annie.ca demarco.info</div></div>	<div><div>Considine-Lockman</div><div>Mrs. Dennis Schulist</div><div>Norberto Crossing, South Christy 1-477-935-8478 x6430 Karley_Dach@jasper.info ola.org</div></div>
<div><div>Johns Group</div><div>Kurtis Weissnat</div><div>Rex Trail, Howemouth 210.067.8132 Telly.Hoeger@billy.biz elvis.io</div></div>	<div><div>Abernathy Group</div><div>Nicholas Runolfsdottir V</div><div>Ellsworth Summit, Aliyaview 586.493.6943 x140 Sherwood@rosamond.me jacynthe.com</div></div>	<div><div>Yost and Sons</div><div>Glenna Reichert</div><div>Dayna Park, Bartholomewbury (775)976-6794 x41206 Chaim_McDermott@dana.io conrad.com</div></div>
<div><div>Hoeger LLC</div><div>Clementina DuBuque</div><div>Kattie Turnpike, Lebsackbury 024-648-3804 Rey.Padberg@karina.biz ambrose.net</div></div>		

Card content data

The diagram illustrates the data structure for a card. The card content includes:

- Romaguera-Crona** (Company name)
- Leanne Graham** (Owner name)
- Kulas Light, Gwenborough** (Address)
- 1-770-736-8031 x56442** (Phone)
- Sincere@april.biz** (Email)
- hildegard.org** (Website)

The corresponding JSON object is:

```
{
  "id": 1,
  "name": "Leanne Graham",
  "username": "Bret",
  "email": "Sincere@april.biz",
  "address": {
    "street": "Kulas Light",
    "suite": "Apt. 556",
    "city": "Gwenborough",
    "zipcode": "92998-3874",
    "geo": {
      "lat": "-37.3159",
      "lng": "81.1496"
    }
  },
  "phone": "1-770-736-8031 x56442",
  "website": "hildegard.org",
  "company": {
    "name": "Romaguera-Crona",
    "catchPhrase": "Multi-layered client-server neural-net",
    "bs": "harness real-time e-markets"
  }
},
```

The whole card is clickable, on click modal opens and we can see additional data for this company.

The modal window displays the following information:

- Romaguera-Crona** (Company name)
- Multi-layered client-server neural-net harness real-time e-markets** (Catchphrase)
- LOCATION** (Button)

The JSON object is the same as in the previous diagram, with the location button linked to the 'geo' object's 'lat' and 'lng' values.

The location button will use „lat“ and „lng“ from the „geo“ object to construct this URL:
[https://www.google.com/maps/dir/?api=1&destination=\\${lat},\\${lng}&travelmode=driving](https://www.google.com/maps/dir/?api=1&destination=${lat},${lng}&travelmode=driving)

Search and sort

Users have an option to search for cards and sort them.

Search should be done on company name and owner name.

Users can sort by company name or by the owner name. If no sorting is selected nothing happens.

The interface includes a search bar and a sort dropdown menu. The sort menu is open, showing options: "No sorting" (selected), "Sort by company", and "Sort by owner". Below the menu, a card for "Romaguera-Crona" is displayed, with "Leanne Graham" as the owner name. The card is labeled with "Company name" and "Owner name" in red text.