JavaScript test.

Using the included JSON data, please demonstrate the following operations:

- Display the data in a table, using the keys of the objects as columns names.

- Using a trigger element (input or select), provide the option to sort the table according to the value of each column. It should work ascending and descending.

- Create an option to delete a row.

- Create an option to add a row with custom values.

- Create an option to add a row with random values.

- Create an option to edit fields (clicking on a field makes it editable).

- Create a filter by using trigger elements (input or select). The user can select a column and select a range of possible values (eg. display only the rows where the field 'a' contains values from 2 to 5).

For the purpose of the exercise don't worry about how you receive the data. You can use a function like the following:

```
var data;
$.ajax({
  url: '/data/data.json',
  async: false
})
.done(function(response) {
  data = response;
});
```

This will require a "server". Simply cd to the folder and run a python server:

```
$ python -m SimpleHTTPServer
```

If you want to regenerate the data:

```
$ cd data
$ python get_data.py
```

Use any javascript/coffeescript model-view framework, preferably Backbone. You can use underscore and jquery as well (/js/lib/).

Good luck!
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