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D3 questions

1. How can D3 access and change the DOM? What do `select` and `selectAll` do?

By the use of `select` and `selectAll` the nodes in the DOM can be accessed. Then style etc. can be altered.

`selectAll()` is an shortcut to reach all paragraph elements. Then there is no `getElementById` needed.

`Select()` is used to manipulate individual nodes in the document.

2. What are the `d` and `i` in `function(d){}` and `function(d, i){}`?

The data and the index.

3. Write sample lines of JavaScript to add a `div` element with class “barChart1” and to add an `svg` element with class “barChart2” with square dimensions.

```
<div class= "barChart1" >
```

```
</div>
```

4. Describe `append`, `update`, `enter`, and `exit` at a high level. What does “`selectAll + data + enter + append`” refer to?

It refers to getting into the html and placing data into it, by `data()`, and then enter the selected paragraph for instance, `append` means adding some paragraph or whatever denoted. So it are the tools to write/shape the html.

5. What are the main differences between drawing a bar chart with HTML and SVG?
6. In drawing the simple bar chart with D3 and SVG, what elements were appended, and what parts of the graph did these elements correspond to?