

1. D3 can adjust the elements (like a SVG) of a DOM element.
Select picks a single element with a certain value, while selectAll picks every element with the corresponding value (ID).

2. d: name of function
i: index to iterate over values in the function

3.

```
var body = d3.select("body")
    .append("div")
    .attr("class", "barChart1")
```

```
Var svgBody = d3.select("body")
    .append("svg")
    .attr("class", "barChart2")
    .attr("width", 100)
    .attr("height", 100)
```

4. Append adds a new tag, update updates the data, enter moves to a certain tag, exit deletes remaining objects.
5. SVG can, like the name indicates, be resized/scaled due to their vectors, while HTML uses pixels.
6. The chart and bar were appended. These belong the class chart. In chart are width and height stored.