

1. D3 is able to select a part of the nodes or all of the nodes of the DOM. SelectAll is able to select all of the nodes and select is able to select just one node.
2. The first element in the array (d) is passed to the first node (i) of the selection. The second element to the second node, and so on.
3. 

```
var body = d3.select("body")
var div = body.append("div");
div.html("barChart1");

var body = d3.select("body");
var svg = body.append("svg");
svg.html("barChart2");
```
4.
  - append = puts an element in a selector
  - update = this makes sure that the selected DOM elements are successfully bound to the specified data elements.
  - enter = if you need more elements to present your data, you need enter to create them
  - exit = the exit selection is the contrary of the enter selection. It selects the leftover elements for which there is no corresponding data.
5. SVG has much more options than HTML does. SVG supports powerful drawing primitives like Bézier curves, gradients, clipping and masks.