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

   D3 takes the first element when you just select, but when you selectall d3 takes al the elements you call by the same name.

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

   The d is for the associated data with a given selection. In the second function i stands fort he 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.**

   var $barchart = $('.barchart');
        $("#barchart1")
    .append('<div id="id' +
       ($barchart.length + 1) +
       '" class="barchart">….</div>')
   <rect class="jimmy" id="p5" x="200" y="200" width="100" height="100" />

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

   Append is adding to some code. Update persistent elements, staying on stage.

   Enter adding node slot manually. Exit is to exit the nodes.

5. **What are the main differences between drawing a bar chart with HTML and SVG?**

   For svg ant html use different tools. Svg elements can be inspected with the development tool.

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?**

   Data was appended for the length of the bars and the axis.