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

   Select selects one item and selectall selects all of a certain kind.

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

   D is the data and i can bes een as a counter

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.

   D3.select("body").append("div").attr("class", "barChart1")

   D3.select("body").append("svg").attr("class", "barChart2").attr("width", dim).attr("height"",dim)

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

   Append adds an item to a existing variable. Update changes the value of the already existing variable. Enter adds a new element and delete deletes it. Selecting all elements of a certain kind and adding the data to it.

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

   With html you create an image that is raster based and svg is vector based. You can easily zoom in and zoom out an svg without losing definition.

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?

   Divs for bars and chart