STATS 401 Lab 7 Exercises

Exercise 1: Fill in the code to add labels for each line

In Task 3, we use the lengths of lines to represent the number of DKU undergraduate students in each class (freshman to senior from the bottom to the top).

Now, we want to add text labels as shown in figure 1.

Figure 1. The expected outcome for exercise 1

You are required to finish this task by filling out the blanks below.
Hint: function (d, i)

```
var fixedX = 1040;
var textArray = ['senior', 'junior', 'freshman', 'sophomore'];

svg.append('text').selectAll('tspan')
    .data(textArray)
    .enter().append('tspan')
    .attr('x',      )
    .attr('y',      )
    .attr('font-size', 30)
    .attr('fill', '#a4baff')
    .text(                );
```

Show the result in your index.js file.

Exercise 2: Creative challenge

Please design a complex meaningful shape (e.g., house, animals, plants). Code it in a new .js file and submit it together with the tutorial files (index.js, etc.).