Groups of three:

Person 1: Put an index card on the table

Person 2: Choose two crayons from the box

Person 3: Draw two circles on the index card

Person 1: Put an index card on the table ← HTML

Person 2: Choose two crayons from the box

Person 3: Draw two circles on the index card

HTML defines the ***structure*** of a document, using tags:

```
<body>

    <div  class="testDiv"  id="div1"> </div>

    <div class="testDiv"  id="div2"> >
            <p> This is a paragraph of text for a website.
            </p>
    </div>

</body>
```

Person 1: Put an index card on the table

Person 2: Choose two crayons from the box  CSS

Person 3: Draw two circles on the index card

CSS defines the ***style*** of a document, based on class and id:

```
.testDiv {
    background: green;
}

#div1{
    margin: 10px;
    border: 2px;
    padding: 10px;
}
```

Person 1: Put an index card on the table

Person 2: Choose two crayons from the box

Person 3: Draw two circles on the index card ← Javascript

Javascript defines the ***behavior*** of a document:

```
for (i=0; i<10; i++){
        svg.append('circle')
            .attr('cx', 100)
            .attr('cy', 100)
            .attr('r', 10)
            .attr('stroke', 'purple');
}
```

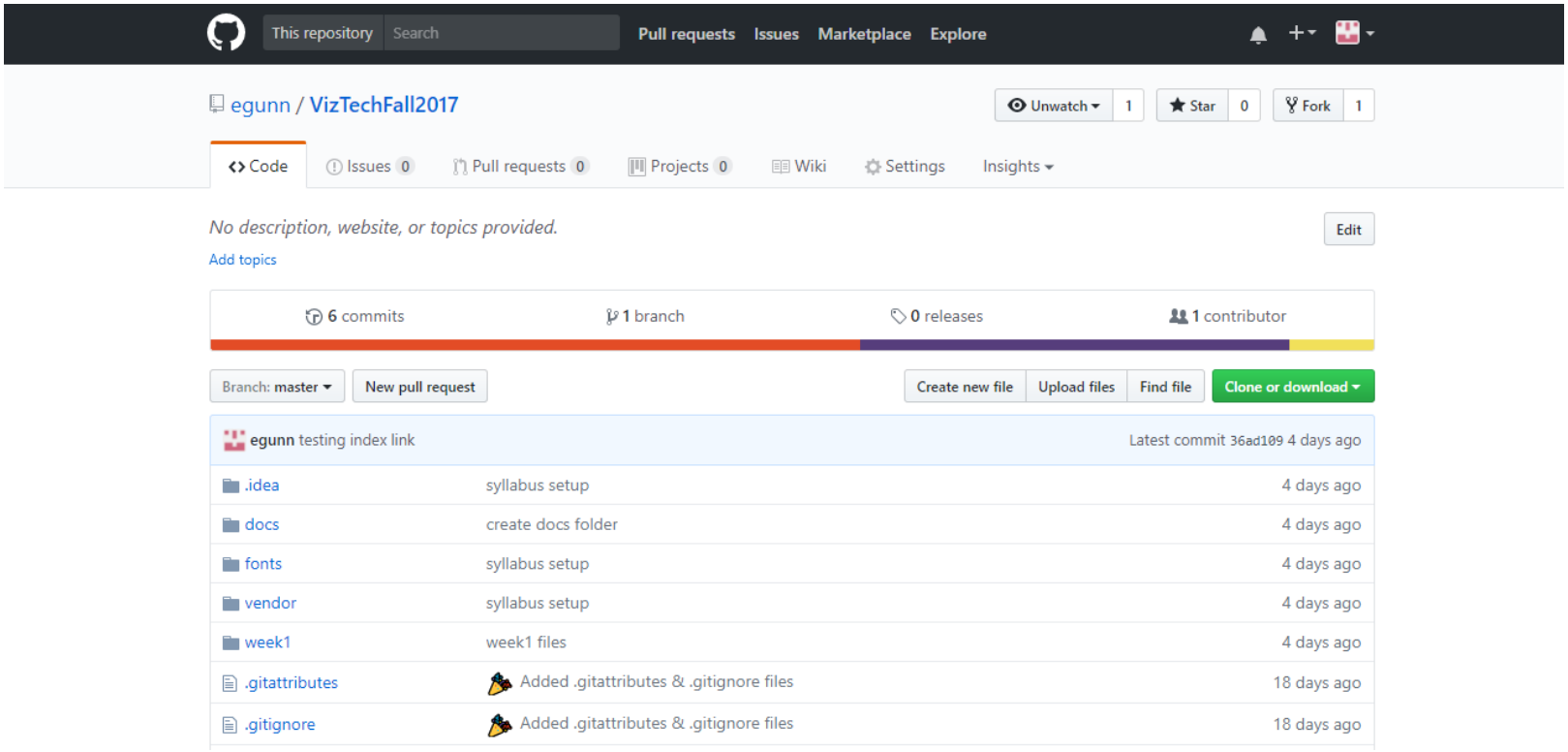
In practice, it's a little more complicated:

index.html

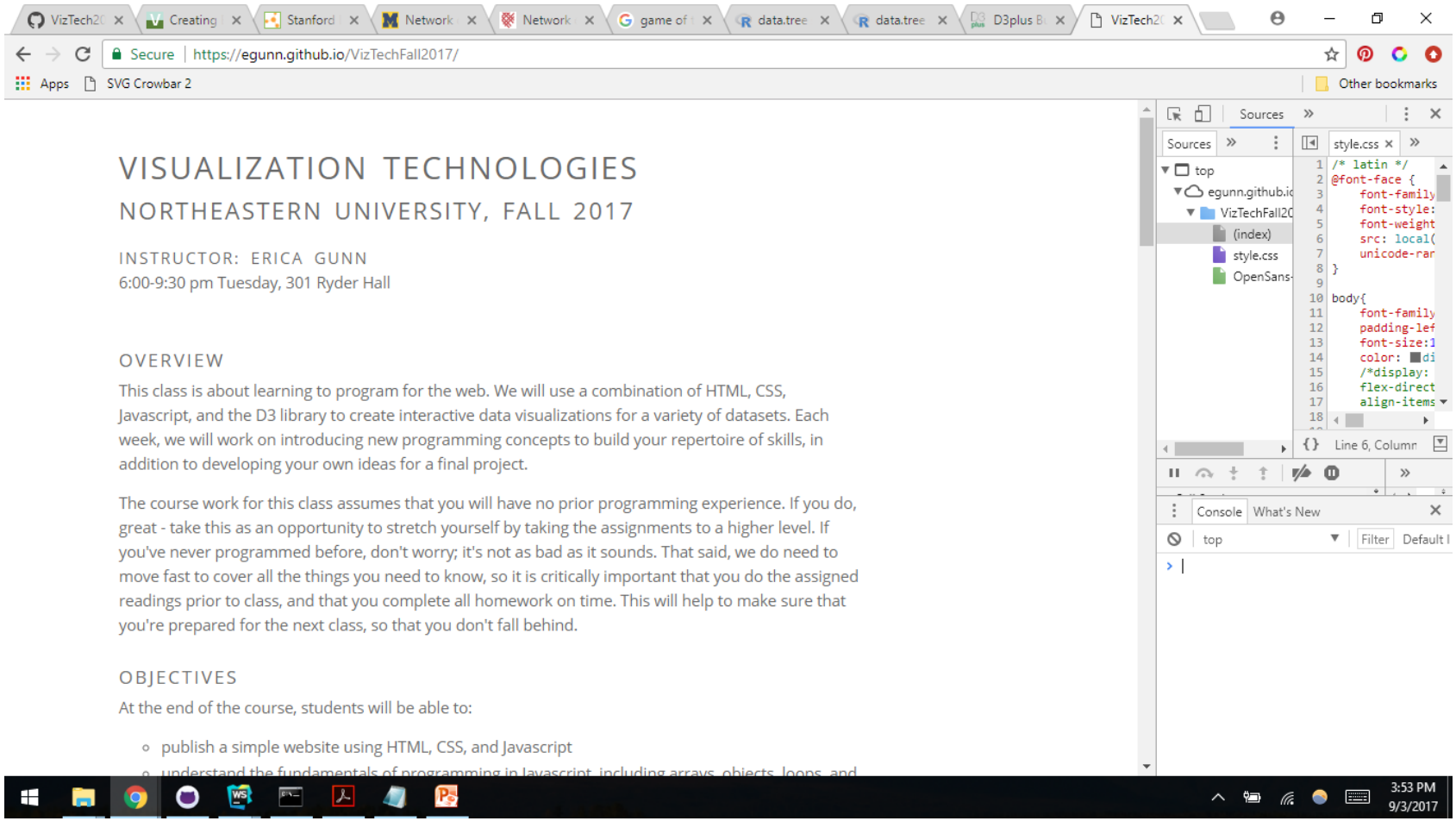
```
<!DOCTYPE html>
<meta charset="utf-8">

<style type="text/css">
/* 13. Basic Styling with CSS */

/* Style the lines by removing the fill and applying a stroke */
.line {
    fill: none;
    stroke: #ffab00;
    stroke-width: 3;
}

/* Style the dots by assigning a fill and stroke */
.dot {
    fill: #ffab00;
    stroke: #fff;
}

</style>
<!-- Body tag is where we will append our SVG and SVG objects-->
<body>
</body>

<!-- Load in the d3 library -->
<script src="https://d3js.org/d3.v4.min.js"></script>
<script>

// 2. Use the margin convention practice
var margin = {top: 50, right: 50, bottom: 50, left: 50}
  , width = window.innerWidth - margin.left - margin.right // Use the window's width
  , height = window.innerHeight - margin.top - margin.bottom; // Use the window's height

// The number of datapoints
var n = 21;

// 5. X scale will use the index of our data
var xScale = d3.scaleLinear()
    .domain([0, n-1]) // input
    .range([0, width]); // output
```

https://bl.ocks.org/pstuffa/26363646c478b2028d36e7274cedefa6

Intro to Git:


This repository
Search
Pull requests
Issues
Marketplace
Explore
egunn / VizTechFall2017
Unwatch 1
Star 0
Fork 1
Code
Issues 0
Pull requests 0
Projects 0
Wiki
Settings
Insights
No description, website, or topics provided.
Edit
Add topics
6 commits
1 branch
0 releases
1 contributor
Branch: master
New pull request
Create new file
Upload files
Find file
Clone or download
egunn testing index link
Latest commit 36ad109 4 days ago
.idea syllabus setup 4 days ago
docs create docs folder 4 days ago
fonts syllabus setup 4 days ago
vendor syllabus setup 4 days ago
week1 week1 files 4 days ago
.gitattributes Added .gitattributes & .gitignore files 18 days ago
.gitignore Added .gitattributes & .gitignore files 18 days ago

Intro to Chrome developer tools:



https://egunn.github.io/VizTechFall2017/

Setting up Python: