Do Now

Tuesday, September 22, 2015

**Reviewing: d3 data binding, basic JS**

1) Why would you use d3 instead of manually drawing out your visualization in something like Adobe Illustrator?

2) What color is #FF0000? Why?

3) Put these chained methods in order:

append, data, selectAll, enter, attr

4) Write a function in JavaScript called add that takes two numbers, a and b, and returns the sum.

5) Given the code below, what is the output?

var scale = d3.scale.linear().domain([0,400]).range([0,200]);

scale(200);

6) When using d3, your functions can receive two variables – d and i. What is d, and what is i?

7) Add to the code below to create a horizontal bar graph

var data = [

{'name': 'cat', 'value': 5 },

{'name': 'dog', 'value': 5},

{'name': 'fish', 'value': 6 }

];

var svg = d3.select("svg").attr('height', 100).attr('width', 600);