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?

It can be more efficient, and also can be interactive.

2) What color is #FF0000? Why?

Red

Red green blue

FF 00 00

3) Put these chained methods in order:

append, data, selectAll, enter, attr

selectAll

data

enter

append

attr

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

Function add (a, b) {

return a + b; }

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);