

Draw a blue rectangle

```
1 <div id="chart">
2 </div>
```


HTML

```
1
2
```

JavaScript

```
1 var width = 300;
2   height = 300;
3
4 var chart = d3.select("#chart")
5   .append("svg")
6   .attr("width", width)
7   .attr("height", height);
8
9 chart.append("rect")
10  .attr("x",100)
11  .attr("y",100)
12  .attr("width",150)
13  .attr("height",50)
14  .attr("fill","blue");
```

Res



Read Data

```
1 var width = 300;
2   height = 300;
3 var myData = [5,20,35,10,25];
4
5 var chart = d3.select("#chart")
6   .append("svg")
7   .attr("width", width)
8   .attr("height", height);
9
10 chart.selectAll("rect")
11   .data(myData)
12   .enter()
13
14   .append("rect")
15   .attr("x",100)
16   .attr("y",100)
17   .attr("width",150)
18   .attr("height",50)
19   .attr("fill","blue");
```

JavaScript

Draw “myData”

```
1 <div id="chart">
2 </div>
```

HTML

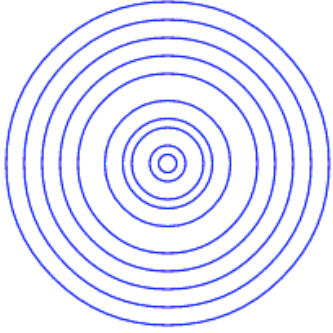
1

```
1 var width = 300;
2   height = 300;
3 var myData = [5,20,35,10,25,50,60,70,80,90];
4
5 var chart = d3.select("#chart")
6   .append("svg")
7   .attr("width", width)
8   .attr("height", height);
9
10 chart.selectAll("rect")
11   .data(myData)
12   .enter()
13
14   .append("rect")
15   .attr("x",function(d){return d;})
16   .attr("y",function(d){return d;})
17   .attr("width",5)
18   .attr("height",5)
19   .attr("fill","blue");
```


JavaScript



Draw a Circle

<pre>1 <div id="chart"> 2 </div></pre>	1
<pre>1 var width = 300; 2 height = 300; 3 var myData = [5,20,35,10,25,50,60,70,80,90]; 4 5 var chart = d3.select("#chart") 6 .append("svg") 7 .attr("width", width) 8 .attr("height", height); 9 10 chart.selectAll("circle") 11 .data(myData) 12 .enter() 13 .append("circle") 14 .attr("cx",100) 15 .attr("cy",100) 16 .attr("r",function(d){return d;}) 17 .attr("fill","transparent") 18 .attr("stroke","blue");</pre>	

Rectangle Example

<pre>1 <div id="chart"> 2 </div></pre>	HTML	1	CSS
<pre>1 var width = 300; 2 height = 300; 3 var myData = [10,30,20]; 4 var barHeight = height/myData.length; 5 6 var chart = d3.select("#chart") 7 .append("svg") 8 .attr("width", width) 9 .attr("height", height); 10 11 chart.selectAll("rect") 12 .data(myData) 13 .enter() 14 .append("rect") 15 .attr("x", 0) 16 .attr("y", function(d,i){return i*barHeight;}) 17 .attr("height", barHeight) 18 .attr("width", function(d,i){return width*(d/30);}) 19 .attr("fill", "orange");</pre>	JavaScript		Result

Same example for more data

```
1 <div id="chart">
2 </div>
```

HTML

1

```
1 var width = 300;
2   height = 300;
3 var myData = [5,15,25,5,15,25,3,9,22];
4 var barHeight = height/myData.length;
5
6 var chart = d3.select("#chart")
7   .append("svg")
8   .attr("width", width)
9   .attr("height", height);
10
11 chart.selectAll("rect")
12   .data(myData)
13   .enter()
14   .append("rect")
15   .attr("x", 0)
16   .attr("y", function(d,i){return i*barHeight;})
17   .attr("height", barHeight)
18   .attr("width", function(d,i){return width*(d/30);})
19   .attr("fill", "orange");
```

JavaScript

