

```

1 <!DOCTYPE html>
2 <html>
3
4 <head>
5     <title>Lab 1-3</title>
6     <meta charset="UTF-8" />
7     <meta name="description" content="Data Visualisation Lab 1" />
8     <meta name="keywords" content="HTML, CSS" />
9     <meta name="author" content="Dhanveer Ramnauth" />
10    <link href="css/style.css" rel="stylesheet">
11</head>
12
13<body>
14    <!--SVG Drawing Canvas -->
15
16    <!-- X,Y 0, 0 is top left -->
17    <svg width="500" height="50">
18
19
20        <!-- This circle gets cut off, CY and CX specify the center (radius goes outside canvas)-->
21        <circle cx="0" , cy="0" , r="5" fill="darkpink" />
22        <circle cx="25" , cy="25" , r="25" fill="rgb(240, 59, 32)" />
23
24
25        <rect x="50" , y="5" , width="50" , height="50" , fill="rgb(254, 178, 76)" />
26
27        <ellipse cx="140" , cy="30" , rx="40" , ry="25" fill="rgb(255, 237, 160)" />
28
29        <!--TRANSPARENCY DEMONSTRATION-->
30
31        <!--Higher alpha values = Higher opaqueness -->
32        <Line x1="0" , y1="30" , x2="100" , y2="30" stroke="rgba(0, 0, 255, 0.3)" stroke-width="5" />
33        <text x="35" y="35" font-size="20" fill="rgba(0, 255, 0, 0.8)">Hello world!</text>
34
35
36    </svg>
37
38    <h1>Pets 2019</h1>
39    <svg width="314" height="200">
40        <!--YOU CAN JUST DO HEX IN FILL !!! -->
41        <rect x="0" , y="160" , width="50" , height="50" , fill="#003f5c" />
42        <rect x="52" , y="173" , width="50" , height="50" , fill="#374c80" />
43        <rect x="104" , y="189" , width="50" , height="50" , fill="#7a5195" />
44        <rect x="156" , y="191" , width="50" , height="50" , fill="#bc5090" />
45        <rect x="208" , y="197" , width="50" , height="50" , fill="#ef5675" />
46        <rect x="262" , y="198" , width="50" , height="50" , fill="#ff764a" />
47        <rect x="314" , y="198" , width="50" , height="50" , fill="#ffa600" />
48    </svg>
49
50    <footer>
51        COS30045 Data Visualisation
52        Dhanveer Ramnauth
53    </footer>
54</body>
55
56</html>

```