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<!DOCTYPE html>
<html>

<head>
  <title>Lab 1-3</title>
  <meta charset="UTF-8" />
  <meta name="description" content="Data Visualisation Lab 1" />
  <meta name="keywords" content="HTML, CSS" />
  <meta name="author" content="Dhanveer Ramnauth" />
  <link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!--SVG Drawing Canvas -->

  <!-- X,Y 0, 0 is top left -->
  <svg width="500" height="500">

    <!-- This circle gets cut off, CY and CX specify the center (radius goes outside canvas)-->
    <circle cx="0" , cy="0" , r="5" fill="darkpink" />
    <circle cx="25" , cy="25" , r="25" fill="rgb(240, 59, 32)" />

    <rect x="50" , y="5" , width="50" , height="50" , fill="rgb(254, 178, 76)" />

    <ellipse cx="140" , cy="30" , rx="40" , ry="25" fill="rgb(255, 237, 160)" />

    <!--TRANSPARENCY DEMONSTRATION-->

    <!--Higher alpha values = Higher opaqueness -->
    <Line x1="0" , y1="30" , x2="100" , y2="30" stroke="rgba(0, 0, 255, 0.3)" stroke-width="5" />
    <text x="35" y="35" font-size="20" fill="rgba(0, 255, 0, 0.8)">Hello world!</text>

  </svg>

  <h1>Pets 2019</h1>
  <svg width="314" height="200">
    <!--YOU CAN JUST DO HEX IN FILL !!! -->
    <rect x="0" , y="160" , width="50" , height="50" , fill="#003f5c" />
    <rect x="52" , y="173" , width="50" , height="50" , fill="#374c80" />
    <rect x="104" , y="189" , width="50" , height="50" , fill="#7a5195" />
    <rect x="156" , y="191" , width="50" , height="50" , fill="#bc5090" />
    <rect x="208" , y="197" , width="50" , height="50" , fill="#ef5675" />
    <rect x="262" , y="198" , width="50" , height="50" , fill="#ff764a" />
    <rect x="314" , y="198" , width="50" , height="50" , fill="#ffa600" />
  </svg>

  <footer>
    COS30045 Data Visualisation
    Dhanveer Ramnauth
  </footer>
</body>

</html>
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