CODE THE PIXEL

How to Make an Interactive SVG Map

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http://codethepixel.com/How-to-Make-an-Interactive-SVG-Map

Scalable Vector Graphics (SVG) is a two-dimensional vector image format based on XML that supports interactivity and animation. Since 1999, the World Wide Web Consortium has been developing the SVG specification as an open standard. SVG pictures are stored in XML text files and are defined in a vector graphics format. In this tutorial, we will create an interactive map for Malaysia. The concept is to create a Malaysia map that can display the state name when the mouse hovers over it.

Get The Map

You can use Google Image to search SVG map or for this tutorial, I use the map from simplemaps website. Download the SVG map and you can open it with a web browser or view the code using text/code editor.

The HTML Syntax

Create an HTML syntax as shown below:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>

</body>
</html>
```

-

The Style

Create a CSS and link to the HTML to style the map view as shown below:

```
<link rel="stylesheet" href="style.css" type="text/css"/>
```

The CSS contains the following codes:

```
*{
    margin: 0;
    padding: 0;
}
body{
    background-color: #FFFFFF
}
svg path{
    fill: #00394f;
    stroke: #eee;
    stroke-width: .25;
}
svg path:hover{
    fill:#4D77FF;
    transition: 0.6s;
    cursor: pointer
}
```

SVG and Xlink

Insert the SVG map into the HTML body part and xlink for each of the map paths as shown below:

```
<a xlink:title="Perlis" xlink:href="#">
    <path id="Perlis" class="st0" d="M46.6,75.5l-0.2,0.7l-0.5,0.5L44.5,75l-1.2
        v-0.5l-0.2-0.9l0.1-0.6l0.3-0.6l0.6-0.4l0.3-0.5L44,58.4l-0.5-1.3v-1l0.3
        l0.5,0.3h0.8v-0.1l0.9-0.5l0.5-0.1l0.7,0.1l0.6,0.2l0.4,0.4l2.1,6.4l0.7,
        l-1.3,0.9l-0.6,0.5l-6.3,7.1l-0.1,0.2l-0.1,0.2V75.5z"/>
</a>
```

The overall codes should be as shown below:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Malaysia SVG</title>
    <link rel="stylesheet" href="style.css" type="text/css"/>
</head>
<body>
    <?xml version="1.0" encoding="utf-8"?>
    <!-- Generator: Adobe Illustrator 24.1.1, SVG Export Plug-In . SVG Versior
    <svg version="1.1" id="Layer_1" xmlns="http://www.w3.org/2000/svg" xmlns:x
    <style type="text/css">
        .st0{fill:#C8C8C8;stroke:#FFFFFF;}
    </style>
    <a xlink:title="Putrajaya" xlink:href="#">
    <polygon id="Putrajaya" class="st0" points="133.5,266.1 133.4,267.1 132.3,
        130.4,270.1 130.1,269.9 129.9,269.6 129.8,269.1 130,268.6 130.2,268.4
        130.3,266.4 130.4,266.2 130.4,265.9 130.2,265.6 130.1,265.4 130.2,265.
        132.4,264.1 132.6,265.1 133,265.6 "/>
        </a>
        <a xlink:title="Labuan" xlink:href="#">
    <path id="Labuan" class="st0" d="M666.7,133.6l-1.4,0.8l0.1-0.8l1.6-4.5l0.5
        l-1.2-0.7l-0.4,0.1L666.7,133.6z"/>
```

```
</a>
    <a xlink:title="Kuala Lumpur" xlink:href="#">
<polygon id="Kuala Lumpur" class="st0" points="135.3,253.1 135.2,253.2 135
    134.1,255.4 134.1,255.9 134.2,256.4 134.4,257.6 134.7,259.7 134.7,260.
    133.8,260.6 133.7,260.7 133.6,261.1 133.5,261.4 133.3,261.6 133.1,261.
    132.3,260.9 130.7,261.1 130,261.1 129.7,260.9 129.5,260.7 129.4,260.4
    129.7,258.7 129.7,258.1 129.6,257.9 129.5,257.6 129.4,257.6 129.3,257.
    128.9,256.4 128.1,255.9 128,255.7 127.8,255.6 127.7,255.4 127.5,255.1
    128.2,250.9 128.4,250.6 129.1,250.4 129.5,249.9 129.6,249.9 129.7,249.
    132.6,251.2 133,251.1 133.3,250.9 133.9,250.7 134.3,250.7 134.5,250.9
    </a>
    <a xlink:title="Sarawak" xlink:href="#">
<path id="Sarawak" class="st0" d="M445.8,289.6l-1.1-9.5l0.1-2.9l0.9-1.8l1.
    v0.5l-0.1,0.4l-0.6-0.3l-0.5-0.3l-0.6,0.3l-0.4,0.5l-0.2,0.5l-0.6-0.8l-1
     M692.2,196.4l-0.2-0.9v-1.3l0.1-0.8l0.2-0.7l1.7-2.3l0.3-0.4l0.4-1.3l0.
    l-0.9-0.2l-0.5-0.1l-0.4-0.3l-0.4-0.4l-0.2-0.7l-0.1-1v-1.3v-0.5l-0.2-0.
    l0.2-0.6l0.1-0.6l0.2-2l0.2-1l0.2-0.6l0.3-0.4l1.2-1.2l0.3-0.5l0.2-0.6l0
    l-1.7,0.3l-2.7,0.1l-5.3-0.5l-0.8,0.7l-0.2,0.3l-1.9,1.9l-0.7,0.5l-0.9,0
    l-1.3,0.1l-0.3-0.1l-0.1-0.4l-0.7-0.8l-0.8-0.1l-0.6,0.5l-0.6,1.9l-0.6,0
    l3.8,10.8l0.2,1.3l-0.1,1l-0.4,2.3l-0.1,2.2l0.4,2.4l0.7,2.3l1.3,1.7l2,1
    l-1.1,0.1l-0.6-0.3l-0.9-0.7l-0.5-0.2l-1.7,0.2l-1.2-0.3l-3.3-1.2l-0.7-0
    l0.4-4.5l-0.3-2.1l-0.1-2.2l-0.4-1.2l-0.3,0.5l-0.5,0.4l-0.5,0.4l-0.6,0.
    l-1.1-0.1l-1.3,0.4l-1,0.6l-1.8,1.8l-1,0.6l-2.1,0.9l-0.6,0.5v0.9l0.4,1.
    l0.9-0.1l0.4,0.2l-0.1,1.7l-0.6,2.1l-0.4,1l-0.6,1l-1.7,1.6l-0.4,0.6l0.1
    l-0.4,0.8l-5.3,5l-2.7,1.6l-2.3-0.3l-0.3-0.4l-0.4-1.4l-0.3-0.6l-0.5-0.5
    l-1-0.1l-2.4,0.5l-2.5-0.5l-1.9-0.2l-0.3-0.5l-0.1-0.9l0.2-0.3l0.8-0.7l0
    l-0.1-0.4l-0.1-0.5l-0.1-0.4l-0.4-0.1h-0.9l-0.4-0.2l-0.4-1.2l-0.7-0.4l-
    l-0.4,0.9l1.3,5.4v2.7l-0.6,2.4l-1.2,1.9l0.4,2.3l-1.2,2.7l-12,15.6l-13.
    l-1.3,2.3l-2.7,3l-0.4,0.7l-0.3,0.3l-1.4,1.1l-0.3,0.5l-0.1,1.3l-0.1,0.4
    l-1.5,1.1l-0.4,0.5l0.7,1.2l-1.2,2.2l-3,3.3l-1.9,1l-10,3.1l-0.7-0.1l-3.
    l-1.8,0.8l-6.2,3.9l-4.1,3.1l-0.6,0.7l-0.4,0.8l-0.3,2.2l-1,3.5v1.4l0.3,
    h-0.1l-0.3-0.2l-1.1,1l-1.4-0.1l-1.6-0.4l-1.7-0.1l0.4,0.8l0.7,2.4l0.4,0
    l-1.9,0.3l-0.5,0.1l-1.8,1.3l-0.5,0.1l-0.4-0.3l-0.4-0.3l-0.3-0.2l-0.5-0
    l-0.8,1.5l-0.5,4l-0.7,2.7l-0.1,1.1l0.4,0.4l1.1,0.2l1,0.4l0.7,1.1l-1.2-
    l4.1-0.6l1.2,0.2l1.5,1l0.6,0.2l0.6-0.1l0.4-1.4l0.6-0.6l0.7-0.3l0.5,0.5
    l-1.1-0.4l-1.1-0.1l-0.7,0.8l0.1,1.3l1.4,1.3l-1.4,0.1l-1.1-0.4l-0.7-0.1
    l-0.2,1.1l0.2,0.5l0.9,0.5l0.1,0.3l-0.4,0.4l-1.3,0.3l-0.3,0.3l0.1,0.9l0
    l0.7,0.9v0.7l0.2,0.2l0.4-0.1l1.1,0.3h0.5l0.5,0.1l1,0.8l0.6,0.2l1.1,0.3
    l-0.8-1.4l-0.7-1l-1.2-0.4l-1.2,0.1l-3.3,0.6l-0.5,0.8l-0.5,2l-0.8,2l-0.
    l0.8,0.9l1,0.6l1,0.3h1.3l2-1l0.7-0.2l0.8,0.1l1.6,0.6l0.9,0.1l0.4,0.4l0
    l-2-1.7l-1.9-0.8l-1.2,0.4l-1.9,1l-1.3,0.2l-0.8-0.2l-3.4-1.7l-2.2-1.5l-
    l0.1,1.1l-0.6,1.1l-1.1,1l-1.1,0.5l-1.2,0.2l-1.5,0.1v-0.5l2.2-1.4l1-1l0
    l-1.2,0.6l-0.5,0.1l-0.7-0.2l-0.2-0.5l-0.1-0.6l-0.6-0.7l-0.8-0.3l-0.8,0
    l0.7-0.9l-0.7-1l-0.9,0.1l-1,0.5l-1.8,0.6l-0.7,1.1l-0.5,0.2h-1.3l-0.5-0
    l0.1-0.8l-0.1-0.4l-0.2-0.3l-0.5-0.7l-0.4-1.7l-0.8-0.3l-0.9,0.6l-0.7,1.
    l-0.5,0.7l-0.3,1l-0.4-0.1l-1.4-1.6L385,337l-0.3,0.1l-0.6,0.2l-0.4,0.2l
    l-1.3,0.2l-0.8,0.4L370,338h-2.8l-0.8-0.2l-0.7-0.9l-1-2L364,334l-1-0.8l
    l-0.6-1.2l0.1-1l0.3-0.8l0.2-0.9l-0.1-1.1l-0.6-2.3l-0.1-1.3l-0.3-1l-1.1
    l0.4,2.1v0.4v0.4l0.3,0.8l0.4,0.7l0.5,0.7l0.6,0.5l0.8,0.3h2.5l1,0.4l0.3
    l0.4,0.6l0.1,1.6l0.4,0.1l1.1-0.6l0.4,0.4l1,2.4l1,0.8l1.1,0.1l1.2-0.1h1
    l1.3,0.9l1.1,0.4l3.4,0.5l1,0.5l0.8,1.2l1.3,2.4l2.8,4.2l0.3,1.3l0.1,1.2
    l2.2,1.7l2.6,1.2l2.7,0.4l2.4-1.1l0.6-0.7l0.2-0.5l0.2-0.2l0.7,0.1l0.4,0
    l0.6,0.3h0.3l1.1-0.5l0.1-0.2l0.7-0.3l0.2,0.1l0.5,0.5h0.4l0.4-0.3l0.1-0
    l1.1,0.1l7.7,3.4l1.3,0.4h1.2l1.1-0.2l2.3-0.7h1l0.6,0.6l0.3,0.8l0.2,1l0
    l3,1.3l1.6,0.5l3.4-0.9l5-6l3.6-1.2l4.6,0.1l1.5-0.3l0.8-0.3l0.4-0.7l3-8
    l1-0.9l6.6-3.1l1.4-0.5l3.5-0.3l1-0.3l1-0.8l0.8-0.8l0.9-0.6l1.4-0.3l17.
    l0.9,0.1l1,0.3l1.1,0.3l2.8-0.1l1,0.1l1.3,0.6l1,0.5l0.5,0.8l0.1,1.3l-0,
    l2.1-0.8l2.3-0.4l2.2,0.2l2.1,1.1l1.9,1.4l0.8,0.3l2.5,0.1l3.4,0.7l2.7,1
    l1.6,0.8l1.4-0.3l9.1-6.1l3.4-4.4l1.3-1.1l1.1-0.4l8.2-1.3h2.3l2.1,0.6l0
```

```
        l1.1-0.3l1.3,0.2l1.3,0.7l4.5,3.2l1.3,0.3l1.3-0.3l0.9-0.8l0.4-1.1v-1.3l
        l-0.1-1.8l-0.1-0.7l-0.2-0.4l-0.1-0.4l0.2-0.7l0.3-0.5l0.5-0.5l0.6-0.4l0
        l0.5-1.2l0.1-0.7v-0.9l-0.2-0.7l-0.6-0.4l-1.3,0.1l-0.9,0.5l-0.7-0.1l-0.
        l0.7-3.1l0.8-2.3l1.8-1l4.4-0.6l1.5-0.5l0.4-0.6l-0.2-0.9l-0.1-1.2l0.4-1
        l1.2-0.7l2.6-0.3l1.2-0.4l0.8-1.1l-0.2-1l-0.6-1.3l-0.9-1.4l-0.9-0.9l-0.
        l-0.9-0.8l0.1-1.2l0.5-1.3l0.3-1.1l-0.2-0.6l-0.6-1.1l-0.1-0.6l0.4-0.7l0
        l0.1-0.2l0.5-0.3l0.8-0.6l0.4-0.7l0.3-0.6l0.1-0.6l0.2-0.6l0.8-1.2l0.9-0
        l1.8-0.3l3.7-1.6l2.4-0.3l0.9-0.4l0.5-1.1l0.2-2.4l0.3-1l2-2.7l-0.1-0.4l
        l0.5,0.2l0.6-0.2l0.3-0.6v-0.6l-0.5-1.2l-0.9-1.7l-0.2-0.7v-0.6l0.1-1.1l
        l-0.8-0.8l-1.2-0.7l-0.9-0.8l0.1-1.3l0.4-0.4l2-1.1l0.5-0.6l1.1-2.3l0.7-
        </a>
        <a xlink:title="Sabah" xlink:href="#">
    <path id="Sabah" class="st0" d="M790.3,54.3l-0.2-0.5l0.2-0.5l0.5-0.5l0.6-0
        l-0.2-0.8l0.7-0.7l2.3-0.3l1-0.5l1.4,1.8l1,1.7l-0.3,1.8l-2.1,1.7l-1.5,0
        l0.3-0.9l0.2-0.4v-2.5l0.2-0.6l0.3-0.2l0.9-0.4l0.5-0.3l1.4-1.3l1.3-0.9l
        l-0.6,1.7l-0.9,1.1l-1-0.5l-1.1,0.4l-3.3,0.6l-0.7,0.4l-0.3,0.3l-1.5,0.7
         M762.6,23.4l-0.6-0.2l2.8-5.1l0.8-0.4l1.9-0.4l0.8-0.4l2.3-2.7l0.9,0.8l
        l0.6,1.1l-5.5,1.3l0.3,0.6l0.5,0.3l0.3,0.3l-0.3,0.6l-0.5,0.3h-0.8L762.6
        l1.5-0.1l0.7,0.3l0.2,0.5l-0.3,0.6l-0.6,0.2l-0.4,0.1l-1,0.4h-0.4H838l-0
        l-0.2-0.7l0.4-0.8l1-0.7l1.2-0.5l0.9-0.3h1l2.1,0.7l1,0.2l0.7,0.3l0.5,0.
         M870.4,178.2l0.7,0.8l-0.3,0.8l-1.3,0.4h-2.1l-0.8,0.8h-0.4l-0.3-0.2v-0
        h0.6h0.2h0.8l2.9,0.4L870.4,178.2z M860.5,170.1l-0.2,0.7v0.8l-1.1-1l-0.
        l-0.9-0.4l-0.9-0.2l-0.8-0.1l-0.2-0.1l-0.5-0.5l-0.3-0.2l-2-0.3l-3.9-1.2
        l0.5,1l1,0.8l0.8-1l1.4,0.1l1.6,0.5l1.3,0.7v0.5H861L860.5,170.1z M900.5
        l-2.2,1.3l-10.5,3.7l-10.6,3.1l-2.1,1.3l-1.3,0.6l-1.4,0.4l-1.2,0.1l-0.9
        l-1.3,0.8l-0.5-0.1l-0.8-0.5l-0.3-0.4l-1-1.8l-2-2.2l-1.8-1l-1.2-0.3l-0.
        l-0.1,0.5l0.1,0.8l-2.2-0.5l-2.1,1.2l-3.2,3.6l-0.9,0.7l-0.5,0.4l-0.1,0.
        l1.3,2.1l1.6,1.8l1.8,1.6l2,1.5l0.7,0.7l0.5,0.3l0.5,0.2h0.5l1.2,0.2l0.5
        l0.8-0.2l1.1,0.3l0.8,0.5l0.6,0.8l0.1,0.7l-0.3,0.7l-0.6,0.7l-0.2,0.8l0.
        l1.4,0.2l0.7,0.3l-0.3,0.8l0.6,1l2.3,2.5v0.4l-0.5,0.6l-0.6,0.4l-0.5-0.1
        l-0.8,0.6l-0.9,0.2l-2.2-0.1l-1,0.1l-1.8,0.6l-1.1,0.1l-2.5,0.1l-1.3-0.3
        l-7.6,3.8l-1.3,0.1l-3.5-1.1l-0.9-0.1l-0.7-0.3l-2.2-2.1l-0.8-0.4l-0.5-0
        l-1.4-0.2l-0.5-0.2l-1.3-0.9l-0.6-1l-0.6-1.1l-0.9-1.1l-0.8,0.1l-1.3,0.8
        l0.9,0.8v0.7l-0.2,0.7l-0.5,0.5l-1.2,0.8l-0.4,0.4l-0.3,0.5l-0.3,0.4l-0.
        l-0.5-0.4l-1-0.4l-1.5,0.1H799l-2-0.3l-1.6-0.4l-1.3-0.9l-3.3-3.4l-4.6-2
        l-1,0.8l-0.5,0.3l-10.5,0.2l-3.3-0.9h-2.3l-4.5,0.9l-2.2-0.5l-2.1-1.5l-1
        l-2.5-3.6l-0.6-0.1l-0.4,0.7l-1.2,1.2l-0.5,0.8l0.1,0.6l0.2,0.4l0.2,0.4l
        l-0.6-0.1l-0.5-0.3l-1.5-2.4l-0.2-0.8l-0.2-0.3l-0.4-0.1l-0.4,0.1l-0.4-0
        l-1.3-0.1l-0.6-0.1l-0.6-0.3l-0.5,1.2l-0.4,0.7l-0.6,0.5l-1,0.7l-2.8,2.7
        l-0.7-0.4l-1.3-0.5l-2.5-0.2l-1.1-0.3l-0.5-0.8l-0.3-0.9l-0.5-0.5l-0.7,0
        l-0.3,0.6l-0.8,0.2l-0.5-0.3l-0.4-0.5l-0.5-0.2l-2.4,2.2l-0.4,0.6l-0.4,0
        v-1.3l0.1-0.8l0.2-0.7l1.7-2.3l0.3-0.4l0.4-1.3l0.1-0.6l-0.1-0.6l-0.4-0.
        l-0.4-0.3l-0.4-0.4l-0.2-0.7l-0.1-1v-1.3v-0.5l-0.2-0.5l-0.9-1.4l-0.3-0.
        l0.2-1l0.2-0.6l0.3-0.4l1.2-1.2l0.3-0.5l0.2-0.6l0.9-2.9v-0.6v-0.6l-1.3-
        l-5.3-0.5l1.5-1.3l1.8-2.4l0.7-0.3l1.2-0.2l1.1-0.5l0.9-0.7l0.5-0.6l0.4-
        l-0.4-0.8l-2.2,1h-2.1l-1.9-0.8l-5.1-4.4l-0.2-0.6l0.2-0.4l-0.1-0.4l-0.6
        l0.4-0.8l0.5-0.6l0.1-0.4l0.7-0.6l3-1.7l0.7-1.2l0.6-0.9l4-2.8l2-4.4l1.2
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        l0.2-2.6l0.3-1.2l3.5-5.6l0.9-2.5l-0.9-1.7l-1.3,0.5l-0.5-0.8l0.6-1l1.7-
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        l0.2-0.3l0.3-0.5l0.5-0.6l5.1-3.8l0.8-0.9l1.1-0.8l1.1-0.5l0.8-0.6l0.3-1
        l0.6-0.8l0.3-1l0.1-1.4l-0.1-2l0.1-0.6l0.2-0.4l0.7-1l0.3-0.5l-0.1-2.2l0
        l0.3-0.2l0.6-0.9l0.3-0.7l0.5-0.4l0.6-0.4l0.7-0.1l0.1,0.2l0.6,1.3l2.4,1
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        h0.5l0.2,0.9v1.5l0.2,0.1l1.4,1.3l-0.3-0.1l-0.1,0.3l-0.1,0.4l0.1,0.2l0.
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    l-0.1,0.7l0.5,0.3l0.3,0.4l1.7,4.5l0.5,0.4h0.2l0.3-0.1l0.7-0.2l0.9-0.2l
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    l1,1.2l0.2,1.2l-1,0.6l0.6,0.5l0.9,0.3h0.9l0.7-0.4l0.2-0.8l-0.4-0.6l-0.
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    l-0.1-0.2v-0.8l0.2-0.5l1-1.9l0.2-0.1l0.1-0.1l0.4-0.1l0.2-0.1l0.1-0.1l0
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    L107,261.1z M110.9,260.6l0.1,0.7l-0.2,1.3l-0.7,0.7l-1.1,0.5l-0.9,0.6l-
    l0.8-1.2l1-0.5l0.7,0.4l0.1,0.8L110.9,260.6z"/>
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    l-1.3,0.9l-0.6,0.5l-6.3,7.1l-0.1,0.2l-0.1,0.2V75.5z"/>
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    l-0.3-4.4l0.4-3l1.5,1l3,2.1l0.7,0.3l1.3-0.3l0.3-0.7l-0.5-0.5l-0.9,0.3l
    l1.2,1l-0.1,0.1l-2.1,2.6l-4.4,4.1l-2,2.1l-0.3,0.7l0.8,3.2l0.1,0.4l0.2,
    v0.9l-0.1,0.5l-0.2,0.1v0.2l0.1,0.3l0.9,1.2l1.3,1l0.2,0.3l0.1,0.5l-0.3,
    l-0.1,0.4l-0.3,1v0.2l0.1,0.2l0.4,0.2l0.8,0.2l0.2,0.1l0.2,0.2l0.2,0.1l0
    l0.2,0.2l0.3,0.2h0.2l0.1,0.1l0.2,0.2l0.6,0.6l0.4,0.3l0.1,0.2l-0.1,0.2l
    l-0.1,0.1l-0.1,0.2v0.3l0.7,2.8l-0.1,0.3l-0.1,0.2h-0.2l-0.2,0.1l-0.1,0.
    l0.1,0.9l-0.1,0.5l-0.1,1.1l0.1,0.2l0.3,0.3l0.6,0.3l0.3-0.1l0.2-0.1l0.1
    l0.4,0.1l0.2,0.2l0.1,0.3l0.1,0.8l0.1,0.5l0.3,0.4l0.2,0.2l0.1,0.3l0.5,1
    H184l-0.2,0.1l-0.3,0.3l-0.1,0.3v0.2v0.3v0.2l-0.1,0.2l-0.2,0.3l-0.1,0.2
    l-0.1,0.1H183l-0.7-0.1l-0.9-0.1l-0.2-0.1l-0.2-0.1l-0.1-0.1l-0.2-0.2l-0
    l-0.3,0.2l-0.1,0.1l-0.4,0.3l-0.4,0.3l-0.2,0.1h-0.3l-0.5-0.1l-0.3-0.1l-
    l-0.3-0.1H174h-0.5h-0.3l-0.3-0.1l-0.4-0.1l-0.3-0.1h-0.3l-0.8,0.2l-0.5,
```

```
l-0.7,0.8l-0.5,0.5l-0.1,0.2l-0.4,0.7l-0.2,0.1h-0.4l-1-0.1l-0.4-0.1l-0.
l-0.6,0.8l-1.1-0.2l-0.2-0.1l-0.3-0.1l-0.1-0.2l-0.1-0.3l-0.1-0.2l-0.2-0
v-0.2l-0.1-0.2l-0.1-0.1l-0.3-0.4l-2.1-1.6l-0.1-0.1l-0.1-0.2v-0.2v-0.5v
l-0.4-0.2l-0.3-0.3h-0.1l-0.2-0.1h-0.2h-0.2l-0.2-0.1l-0.5-0.7l-0.2-0.1l
l-0.1-0.2l-0.2-0.3H147l-0.3,0.1l-0.4,0.5l-0.1,0.3v0.3v0.2l0.1,0.2v0.5l
l-0.2,0.4v0.2l-0.1,0.2v0.7l-0.1,0.1l-0.2,0.1l-0.4-0.2l-0.2-0.1l-0.1-0.
v-0.1l-0.2-0.2l-0.1-0.1l-1-0.6l-0.3-0.2l-0.1-0.1l-0.2-0.1h-0.3l-0.2-0.
l-0.1-0.2h-0.2l-0.4-0.1h-0.3l-0.1-0.1l-0.1-0.1l-0.1-0.2V164v-0.5v-0.4l
l-0.3,0.1l-0.2,0.2l-0.2,0.3l-0.2,0.5v0.4l0.1,1.4l-0.1,0.2l-0.2,1.4l0.1
l-0.4,0.2l-1.3,0.3l-0.3,0.1l-0.5,0.6l-0.4,0.2l-1.7,1l-0.5,0.3l-0.3,0.3
l-0.3-0.2l-0.4-0.2l-0.9,0.1l-0.6-0.5l-0.4-0.5l-0.3-0.1l-0.8-0.3l-0.3-0
l-0.3,0.2l-0.2,0.1l-0.7,0.1l-0.2,0.2l-0.1,0.2v0.2v0.2l-0.1,0.3l-0.1,0.
l-2.3-0.5l-0.5-1.6l-0.4-0.8l-1.1-1.6l0.7-1.1h0.2l0.2-0.1h0.2l0.2-0.1l0
l-0.1-0.2v-0.2v-0.2l0.1-0.2l0.3-0.2l0.2-0.1h0.3l0.2-0.2l0.1-0.3l0.2-0.
v-0.2v-0.2l0.3-0.2l0.3-0.6l0.2-0.1l0.1-0.1l0.5-0.1h0.2l0.4-0.1l0.2-0.1
l-0.5-1l0.9-0.7l0.2-0.2l0.2-0.3v-0.4l0.1-0.6v-0.2l0.1-0.3l0.2-0.3l0.1-
v-0.3l0.1-0.2l0.2-0.4l0.1-0.2v-0.3v-0.2l-0.1-0.5v-0.2l0.2-0.4v-0.5v-0.
l0.1-0.3l0.3-0.6l0.1-0.3v-0.5l0.1-0.2l0.2-0.1h0.4h0.3h0.2l0.2-0.1l0.2-
v-0.2l0.2-0.3l0.3-0.3l0.8-0.5l0.3-0.3l0.2-0.2l0.1-0.1l0.1-0.1h0.2l0.4,
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l0.1-1.6l0.2-0.6v-0.3l-0.1-0.4l-0.2-0.6v-0.5l0.1-0.5l0.2-0.4l0.1-0.2v-
l-0.2-0.1l-0.3-0.2h-0.2h-0.1l-0.2,0.1l-0.3,0.1l-0.2,0.1h-0.2h-0.2l-0.5
l0.3-1l0.4-0.8l0.2-0.6l0.1-0.3v-0.3l-0.2-0.7l-0.1-0.3l-0.1-0.3l-0.5-0.
v-0.4v-0.3l0.1-0.3l0.4-0.5l0.4-0.4l0.6-0.5l0.2-0.1L131.6,108.2z"/>
</a>
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v-0.6l0.1-0.2l0.1-0.2l6.3-7.1l0.6-0.5L55,66l0.3-0.2l0.1-0.3L56,63v-0.5
l1.9,1.4l1,0.4l3.5,1l1.9,0.9l1.1,0.3l1-0.2l3.7-2.6h0.9l0.1,0.3V65l0.2,
l0.2,0.6l0.2,0.7l0.7,1.1l0.1,0.5L81.8,74l-0.2,0.6l-0.1,0.5v1.6l0.2,0.5
l1.5-1.6l1.1-0.2l1.9,1.5l0.9,0.3l2.6-0.6l0.7,0.3l0.4,0.7l0.2,1.2l-0.1,
l-0.3,2.2l-0.1,3.3L96.3,94l-0.1,1.1l-0.5,1.1l-1,0.3l-1.2,0.3l-0.9,0.6l
l-0.1,0.2l-0.1,0.1l0.2,1l0.1,0.2l0.3,0.2l0.1,0.4l0.2,0.1l0.5,0.3l0.1,0
l-0.3,0.3l-0.4,0.5l-0.5,0.5l-0.1,0.1l-0.1,0.3l0.1,0.4l0.1,0.3l0.2,0.2h
v0.3l-0.3,0.7l-0.3,0.8l-0.4,0.6l-0.7,0.7l-0.4,0.2l-0.3,0.1l-0.2-0.3h-0
v0.4v0.5l-0.4,1.7l-0.1,0.3l-0.2,0.4l-0.2,0.3l-0.8,0.8l-0.4,0.2l-0.6,0.
l-0.2,0.2l-0.3,0.3l-1.4,1l-0.2,0.2l-0.2,0.2l-0.4,1l-0.2,0.8l-0.1,0.2v0
l-0.9,0.7l-0.8,1l-0.1,0.1l-0.2,0.1l-0.3,0.1h-0.3l-0.5-0.1l-0.4-0.2l-0.
l0.1-0.1l0.2-0.2l0.1-0.2l0.1-0.2v-0.3l-1-6.6l-1-11.8l0.1-3.4l0.1-0.5l0
l-0.5,0.6l-0.1,0.4l0.1,0.7l0.5,1.1l0.1,0.6v0.4L25,81.4l-0.3,0.5l-0.2,0
l0.4-1l0.8-0.6L25.3,75.8l4.7-4.7L29.9,70l-0.3-0.7l-0.5-0.4l-0.7-0.4l0.
L25,64.8l0.1,0.4l0.3,0.5l-0.2,0.6l-0.3,0.2L23.3,67l-0.1,0.2v0.2v0.2l-0
l-1.7,0.4L14.3,67v2.1l0.3,1l0.5,0.8l0.8,0.5l1.9,0.7l0.8,0.7l0.2,0.8l0.
l0.9-0.4l0.8,0.3l1.2,0.7l0.9,0.3l0.4-0.8l0.3-0.5l0.5-0.4l0.5-0.4l0.5-0
</a>
<a xlink:title="Johor" xlink:href="#">
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l-0.5-2.6l-1.6-2.8h-0.4l-0.7,0.5l-0.7-0.6l-0.7-1.2l-0.2-1.2l0.1-2.5l-0
l-1.1-1.4l-1.4-3.6l-2.7-3.3l-0.4-1.2l0.1-0.7l0.6-1.1l0.1-0.5l-0.2-0.7l
l-0.5-0.4l-4.3-5.4l-0.4-1l0.1-1.1l0.5-1.3l-1.5-3.3l-0.7-0.9l-2-1.5l-0.
l-0.6-0.2l-0.9-0.8l-0.3-0.2h-1l-0.9-0.2l-0.6-0.3l-0.2,0.4l-0.5,0.8l-0.
l0.1,0.1l0.1,0.1l0.2,0.2l0.1,0.2l0.1,0.2v0.1v0.2l-0.1,0.4l-0.1,0.2l-0.
v0.1l-0.1,0.1l-0.3,0.4l-0.1,0.2l-0.2,0.4v0.1v0.1v0.1l0.1,0.2l0.1,0.1l0
l0.1,0.4v0.2v0.4v0.2l-0.1,0.2l-0.6,0.8l-0.1,0.2l-0.1,0.1v0.2l0.1,0.2v0
l-0.2-0.3l-3.3-1.2l-0.7-0.5l-0.7-0.4H226l-2.4,0.5L215,290h-0.2l-0.3-0.
l-0.3,1.7l-3.2,8.5l-0.5,1.5v0.3v0.3l0.2,0.5l0.2,0.4v0.2v0.2l-0.4,0.4l-
l0.1,0.3l0.1,0.4v0.3l-0.3,0.7l-0.1,0.3l0.1,0.7l0.2,0.5v0.2v0.3l-0.2,0.
l-1.2,1.5l-0.2,0.5l-0.2,0.4l0.1,0.2l0.1,0.6v0.2l-0.1,0.4l-1.1,3l-0.1,0
```

```
        l-0.1,0.3v0.2l0.2,0.3l0.1,0.4l0.1,0.1l0.2,0.1l0.4,0.1l0.9,0.4l0.3,0.2h
        l-0.2,0.4l-0.2,0.3h-0.2l-0.6-0.1l-0.6,0.3l-0.9,1.5l2.1,1.3l1.1,0.8l0.7
        l4.7,3.7l1,1.1l1.1,2.5l0.7,1.1l1.3,0.7h1l2.8-0.4l0.9-0.4l1.8,0.9l1.6,1
        l2.3,1.1l9.7,6l6.8,2.6l2.4,1.5l1.6,1.9l1,2.2l1.9,6.2l0.5,1.1l0.8,1.1l2
        l0.2-0.2l0.4,0.4l0.4,0.6l0.2,0.2l2,0.4l1.7-1.4l2.9-3.6l1-0.6h0.8l2.3,0
        l-0.1-0.9l-0.2-0.8l-0.2-0.8l0.3-1.6V346l-2.2-3.4l-0.5-1.5l0.3-0.7l1.3,
        l1-0.3l1.1,0.2l-1.4,1.6l-2.1,0.9l-1.6,1l0.3,2.1l0.6,0.5l0.8,0.6l0.7,0.
        l0.2-0.2l0.6-0.8l0.3-0.2h2.2l0.3-0.9l-0.2-2.5l0.5-0.5l0.4-0.6l-0.1-1.4
        </a>
    </svg>
</body>
</html>
```

The code output should render as shown in the CodePen.io

See the Pen Malaysia SVG Map by Asyraf (@Asyraf) on CodePen.

That’s all. Happy coding.