



"HTML Image Map"

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Understanding HTML Image Maps: Elements and Attributes

1. usemap Attribute:

- Links an image to a map element that defines clickable areas.

2. <map> Element:

- Defines an image map, containing <area> elements that specify the clickable regions.

3. <area> Element:

- Defines clickable areas within an image map using shapes and coordinates.
- 

4. shape Attribute: - Specifies the shape of the clickable area (rect, circle, or poly).

(a) rect:

- Defines a rectangular area with coordinates for the top-left and bottom-right corners.

(b) circle:

- Defines a circular area with coordinates for the center and the radius.

(c) poly:

- Defines a polygonal area using a series of coordinates for its vertices.

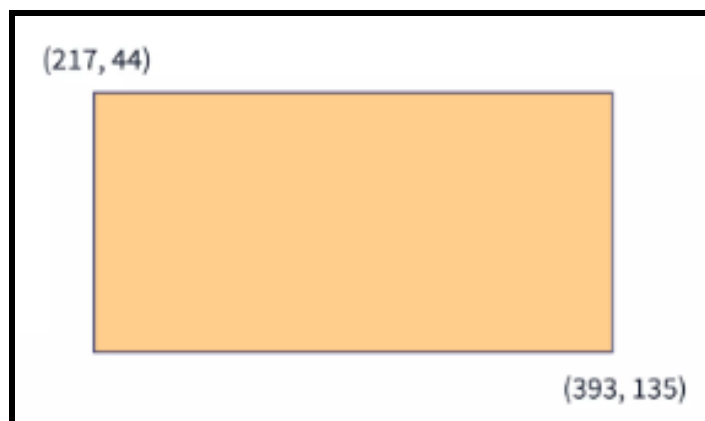
5. coords Attribute:

- Specifies the coordinates that define the shape's size and position on the image.

HTML Image Map Coordinates Guide

1. Rectangle (rect):

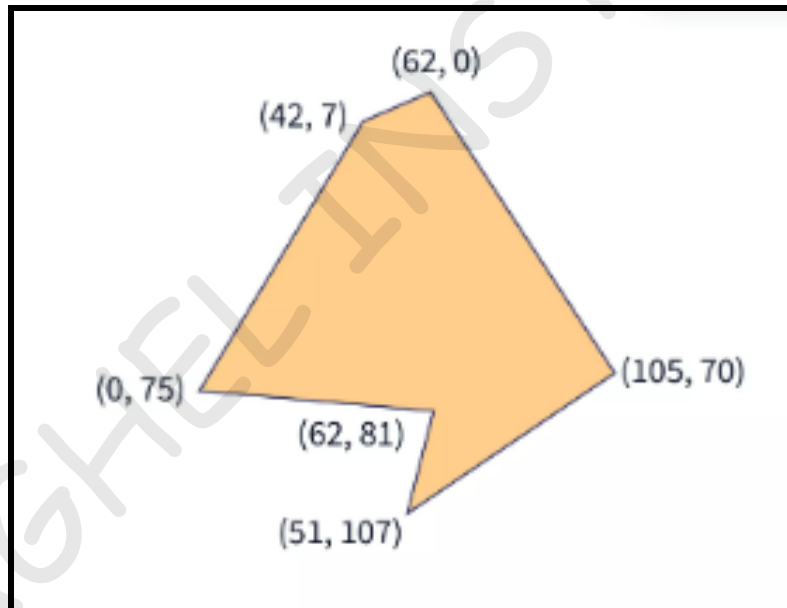
- What you need: The coordinates of the top-left and bottom-right corners of the rectangle.
- Steps:
 1. Find the X and Y coordinates of the top-left corner.
 2. Find the X and Y coordinates of the bottom-right corner.
- **Syntax:** `coords="top-left-x,y,bottom-right-x,y"`



2. Polygon (poly):

- What you need: The coordinates of each point/vertex of the polygon (at least three).
- Steps:
 1. Find the X and Y coordinates of each point of the polygon.
- **Syntax:**

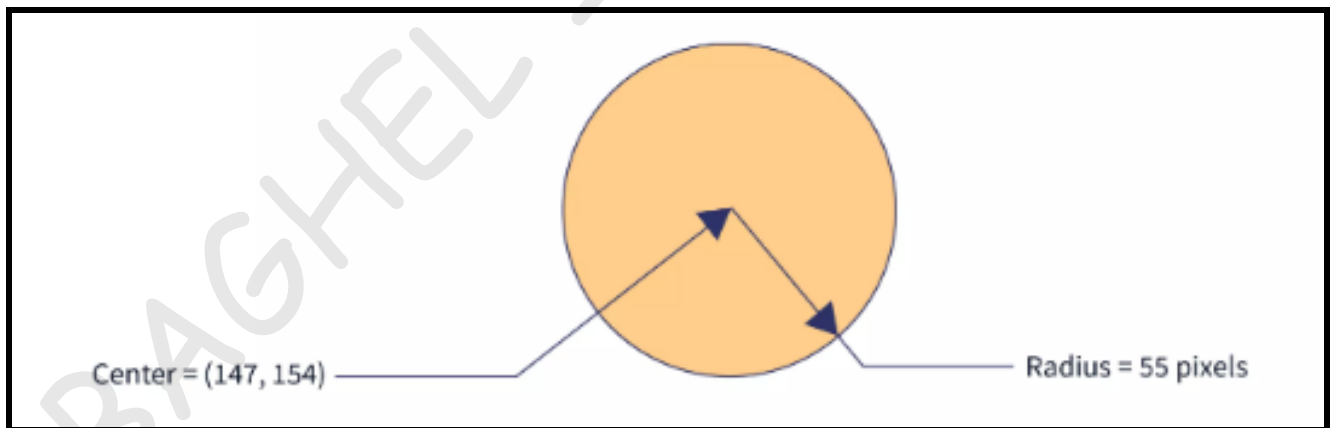
`coords="x1,y1,x2,y2,x3,y3,..."`



3. Circle (circle):

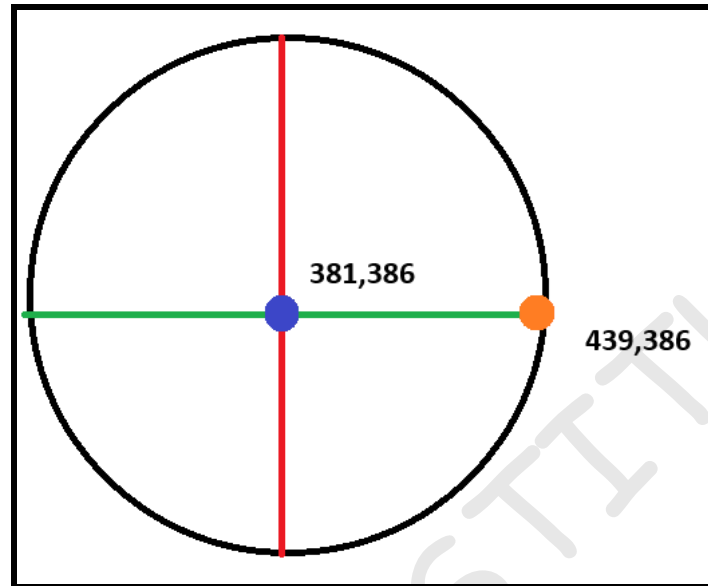
- What you need: The center point and the radius of the circle.
- Steps:
 1. Find the X and Y coordinates of the center.
 2. Measure the radius (distance from the center to the edge).
- **Syntax:**

`coords="center-x,center-y,radius"`



Note if you use paint

Then remember (this is example data)



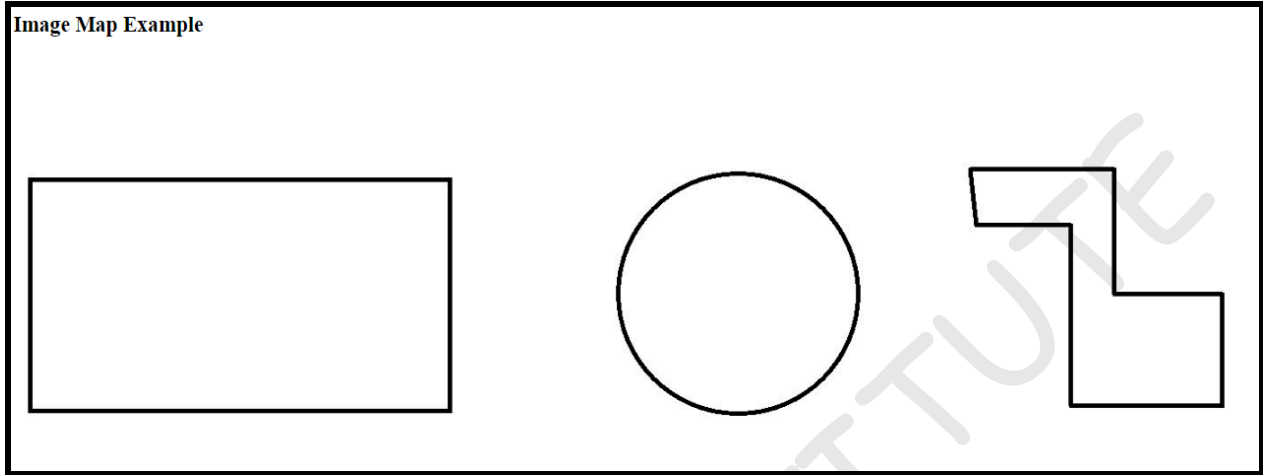
x	y
381	386
439	386

Now(diff) => $439 - 381 = 58$

So we write = x,y,diff (381,386,58)

Output

Image Map Example



Input

```
<!DOCTYPE html>
<html>
<head>

  <title>HTML Image Map Example</title>
</head>
<body>
<h2>Image Map Example</h2>
  

  <map name="examplemap">
    <!-- Rectangle Area -->
    <area shape="rect" coords="27,141,487,391" href="https://www.baghelinstitute.com/">

    <!-- Circle Area -->
    <area shape="circle" coords="777,259,135" href="https://www.baghelinstitute.com/students"
  >

    <!-- Polygon Area -->
    <area shape="poly" coords=
      "1083,131,1243,127,1239,266,1366,256,1359,386,1193,389,1193,190,1086,189"
      href="https://www.baghelinstitute.com/study-material">
  </map>
</body>
</html>
```