1. Image Insertion and Source Path:

```
<!DOCTYPE html>
<html lang="en">
<head>
     <meta charset="UTF-8">
     <meta name="viewport" content="width=device-width, initial-scale=1.0">
     <title>Image Insertion</title>
</head>
<body>
     <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcR5UeRRPT12_du6mgvADs_ItZCFSOJ3Wm2zHw&s"
alt="External Image">
     <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcSv6IHAFiPNfK3cqBRnX0-DUkSVTPwJGBZ1JQ&s"
alt="Local Image">
</body>
</html>

    O Hist | G rank | 9 Nev | G map | III Larg | ⊗ x | ⊗ Dox | ⊕ Dox | ⊕ Dox | + - O X |

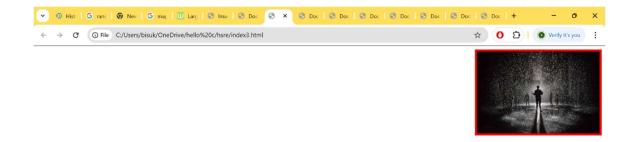
     ← → ♂ ① File C:/Users/bisuk/OneDrive/hello%20c/hsre/index1.html
                                                                ☆ O D | O Verify it's you
```



2. Image Resize with Width and Height:



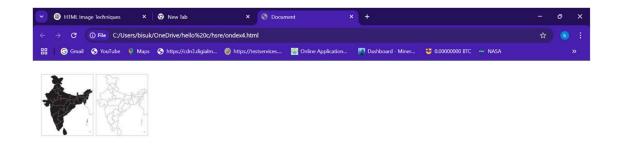
# 3. Image with Border and Alignment:





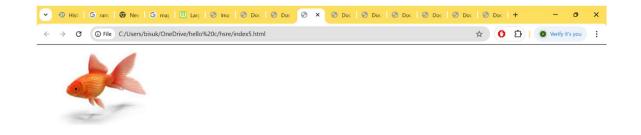
4. Image Map with Coordinates:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcTPqHVKDZvF5W0CnQYG-PZnqGZVEC3gnTttuA&s"
usemap="#country-map" alt="Country Map">
<map name="country-map">
    <area shape="rect" coords="34,44,270,350" href="region1.html"</pre>
alt="Region 1">
    <area shape="circle" coords="337,300,44" href="region2.html"</pre>
alt="Region 2">
    <area shape="poly" coords="200,10,250,190,160,210" href="region3.html"</pre>
alt="Region 3">
</map>
</body>
</html>
```



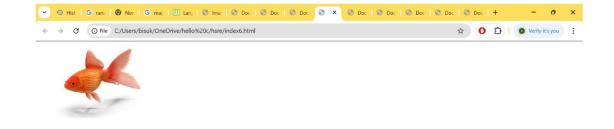


## 5. Lazy Loading of Images:





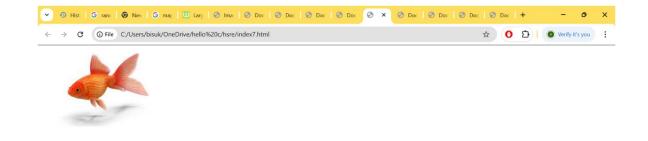
### 6. Alt Text and Accessibility:





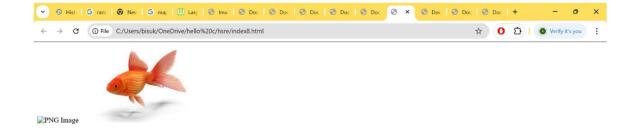
7. (optional) Image Scaling with CSS:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <style>
        img {
            max-width: 100%;
            height: auto;
        @media (max-width: 600px) {
            img {
                width: 100%;
    </style>
    <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcSRq1ZxF9BO4pzpRRhRBOmLIN_kj5yF1U6ZHA&s"
alt="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcSRq1ZxF9BO4pzpRRhRBOmLIN_kj5yFlU6ZHA&s"
</body>
</html>
```





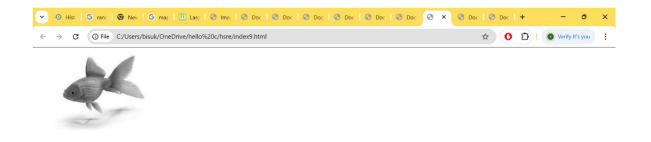
### 8. Image Format and Performance:





9. (optional) CSS Image Effects (Filters and Transitions):

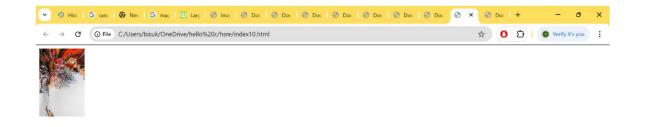
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <style>
        img {
            filter: grayscale(100%);
            transition: filter 0.5s ease-in-out;
        img:hover {
            filter: grayscale(0%);
        }
    </style>
    <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcSRq1ZxF9BO4pzpRRhRBOmLIN_kj5yFlU6ZHA&s"
alt="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcSzhPUv1klNwVlKwg31JXqj6qBZylvywYXg3w&s"
</body>
</html>
```





#### 10. Responsive Image using srcset:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcSNjqul6S4IKZD09MtwQbTTrVMBQP03zUtJZQ&s"
srcset="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcT0gP-
BBYJvnBZc0KWCLpLGgw7QoJQHYYQyrA&s 768w, https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcSzhPUv1klNwVlKwg31JXqj6qBZylvywYXg3w&s
1200w" sizes="(max-width: 600px) 100vw, (max-width: 1200px) 50vw, 33vw"
alt="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQQkeBkEXyY9pD9VyBI2RHJBA1LumDDsM8d-
Q&s">
</body>
</html>
```





## 11. Image Alignment with Flexbox:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <style>
        .container {
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }
    </style>
    <div class="container">
        <img src="https://encrypted-</pre>
tbn0.gstatic.com/images?q=tbn:ANd9GcSEQnE44KMbJDrlWFeHZ_Cud7yp12vSTlr-4A&s"
alt="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQQkeBkEXyY9pD9VyBI2RHJBA1LumDDsM8d-
Q&s">
    </div>
</body>
</html>
```

