**Home Assignment**

**Task 1**

create an image gallery using CSS floats and positioning also implement image opacity effects on hover.

**Html Code :**

<!DOCTYPE html>

<html lang="en">

<head><meta charset="UTF-8"><meta name="viewport" content="width=device-width, initial-scale=1.0"><title>Image Gallery</title><link rel="stylesheet" href="biet-f21-049.css"></head><body>

<div class="gallery"><div class="gallery-item"><img src="1.jpeg" alt="Image 1"></div>

<div class="gallery-item"><img src="2.jpeg" alt="Image 2"></div><div class="gallery-item"><img src="3.jpeg" alt="Image 3"></div>

<div class="gallery-item"><img src="4.jpeg" alt="Image 4"></div><div class="gallery-item"><img src="5.jpeg" alt="Image 5"></div>

<div class="gallery-item"><img src="6.jpeg" alt="Image 6"></div><div class="gallery-item"><img src="7.jpeg" alt="Image 7"></div><div class="gallery-item"><img src="8.jpg" alt="Image 8"></div><div class="gallery-item"><img src="9.jpeg" alt="Image 9"></div><div class="gallery-item"><img src="10.jpeg" alt="Image 10"></div><div class="gallery-item"><img src="11.jpeg" alt="Image 11"></div><div class="gallery-item"><img src="12.png" alt="Image12"></div></div></div></body></html>

**CSS Code:**

body {

    margin: 0;

    padding: 0;

    font-family: Arial, sans-serif;}

  .gallery {

    display: flex;

    flex-wrap: wrap;}

  .gallery-item {

    position: relative;

    margin: 5px;

    overflow: hidden;

    width: 300px;

  height: 200px;

  border: 2px solid #ddd;

  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

  transition: transform 0.3s ease-in-out;

  }

  .gallery-item img {

    width: 100%;

    height: auto;

    display: block;

    transition: opacity 0.3s ease-in-out;

  }

  .gallery-item:hover {

  transform: scale(1.05);

}

  .gallery-item:hover img {

    opacity: 0.7;

  }

**Output:**

