**HTML : Images**

**Question 1 :**

Create an HTML webpage that displays an image using the <img> tag. The image should be loaded directly from an external website (use any image URL from the internet). The image should have the following:

* A fixed width of **300px**
* An appropriate **alt** text describing the image
* A **title** that appears when the user hovers over the image

Question 2 :

Create an HTML webpage that displays an image using the <img> tag. This time, instead of using an online image, download any image and store it in the **same folder** as your HTML file.

Your task is to:

* Use the local image in your HTML page using the correct src path.
* Set the width of the image to **400px**.
* Add a meaningful **alt** text.
* Display a **tooltip** using the title attribute.
* Name the file local-image.html.

Question 3 :

Create an HTML page that displays any image using the <img> tag. When a user hovers over the image, it should display a **tooltip message** using the title attribute.

Your task is to:

* Use **any image** (online or local).
* Set the image width to **350px**.
* Use a tooltip that says: "This is a nature image" (or something meaningful).
* Add an **alt** text for accessibility.

Question 4 :

Create an HTML webpage that displays **multiple images in a gallery layout** using the <img> tag. Follow these requirements:

**🔹 Requirements:**

* Display **6 images** in total.
* Arrange them in **2 rows and 3 columns**.
* Each image should:
  + Be **sized to 200px** width.
  + Have an appropriate **alt** text.
  + Show a **tooltip** on hover (use the title attribute).

Question 5 :

Create an HTML page that displays an image using the <img> tag and applies **CSS styles** to enhance its appearance.

#### 🔹 ****Requirements:****

* Use **any image** (local or online).
* Apply the following styles using either:
  + Inline CSS
* Styling to include:
  + A **solid border** of 3px with any color
  + **Rounded corners** (use border-radius).

Question 6 :

Create an HTML page that displays **three images** using the <img> tag. Use **lazy loading** to improve performance and reduce page load time.

#### 🔹 ****Requirements:****

* Use **three different images** (local or online).
* Apply the attribute loading="lazy" to each image.
* Each image should have:
  + A **width of 400px**
  + A proper **alt** description
  + A **tooltip** using the title attribute

#### 🔹 ****Layout Requirement:****

* Add some spacing (e.g., <br><br>) between images to simulate scroll-based lazy loading behavior.

Question 7 :

Create an HTML page that demonstrates how the browser handles **broken or missing images** using the <img> tag.

#### 🔹 ****Instructions:****

* Add an <img> tag with a **fake or incorrect src path** (e.g., src="notfound.jpg").
* Provide an appropriate alt text like "Image failed to load".
* Add a title attribute as "Broken image test".
* Set the width of the image to **300px**.

#### 🔹 ****Expected Output:****

The image won't load, and the **alt text** should appear in its place, showing how HTML handles broken image links.