

Task Session (1)

Objective: Apply advanced CSS concepts, including animations and transformations, to create an animated house design.

Instructions:

1. HTML Structure:

- Create a simple HTML structure to represent a house. Use basic shapes (such as rectangles and triangles) to design the different parts of the house (e.g., roof, walls, windows, door).

2. House Design:

- **Base of the House:** Create a rectangle for the main structure. Use CSS properties like ``width``, ``height``, ``background-color``, and ``border`` to style it.
- **Roof:** Use a triangle shape, created with CSS (e.g., using borders or a rotated rectangle), to represent the roof. Position it above the house base.
- **Windows and Door:** Design small rectangles or circles for windows and a larger rectangle for the door. Use appropriate styles and colors.

3. CSS Animation:

- **Animating Elements:** Implement animations for various parts of the house. For example, animate the opening and closing of a door or the movement of clouds above the house.
- **Keyframes:** Define ``@keyframes`` in your CSS to specify the steps of the animations. Use properties like ``transform``, ``opacity``, and ``background-color`` to create smooth transitions.

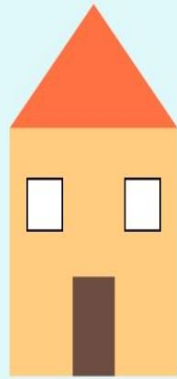
4. Transformations:

- Apply the ``transform`` property to different elements for effects like rotation, scaling, and translation. For instance, rotate the roof or scale the windows.

5. Enhancements (Optional):

- Add additional elements like a sun, clouds, or trees to enhance the scene. Use animations and transformations creatively to bring the scene to life.

Example



DISCOVERY

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