

Module 3 – Frontend – CSS and CSS3

CSS Flexbox

1. What is CSS Flexbox, and how is it useful for layout design?

- **Flexbox (Flexible Box Layout):** A CSS layout system that makes it easy to align and distribute space among items in a container, even if their size is dynamic.
- **Flex-container:** The parent element where Flexbox is applied.
- **Flex-item:** The child elements inside the flex-container that are positioned and sized using Flexbox.

2. Describe the properties justify-content, align-items, and flex-direction:

- **justify-content:** Aligns items horizontally (e.g., left, center, right, or evenly spaced).
- **align-items:** Aligns items vertically in the container (e.g., top, center, bottom).
- **flex-direction:** Specifies the direction of the items (row, column, or reverse of both).