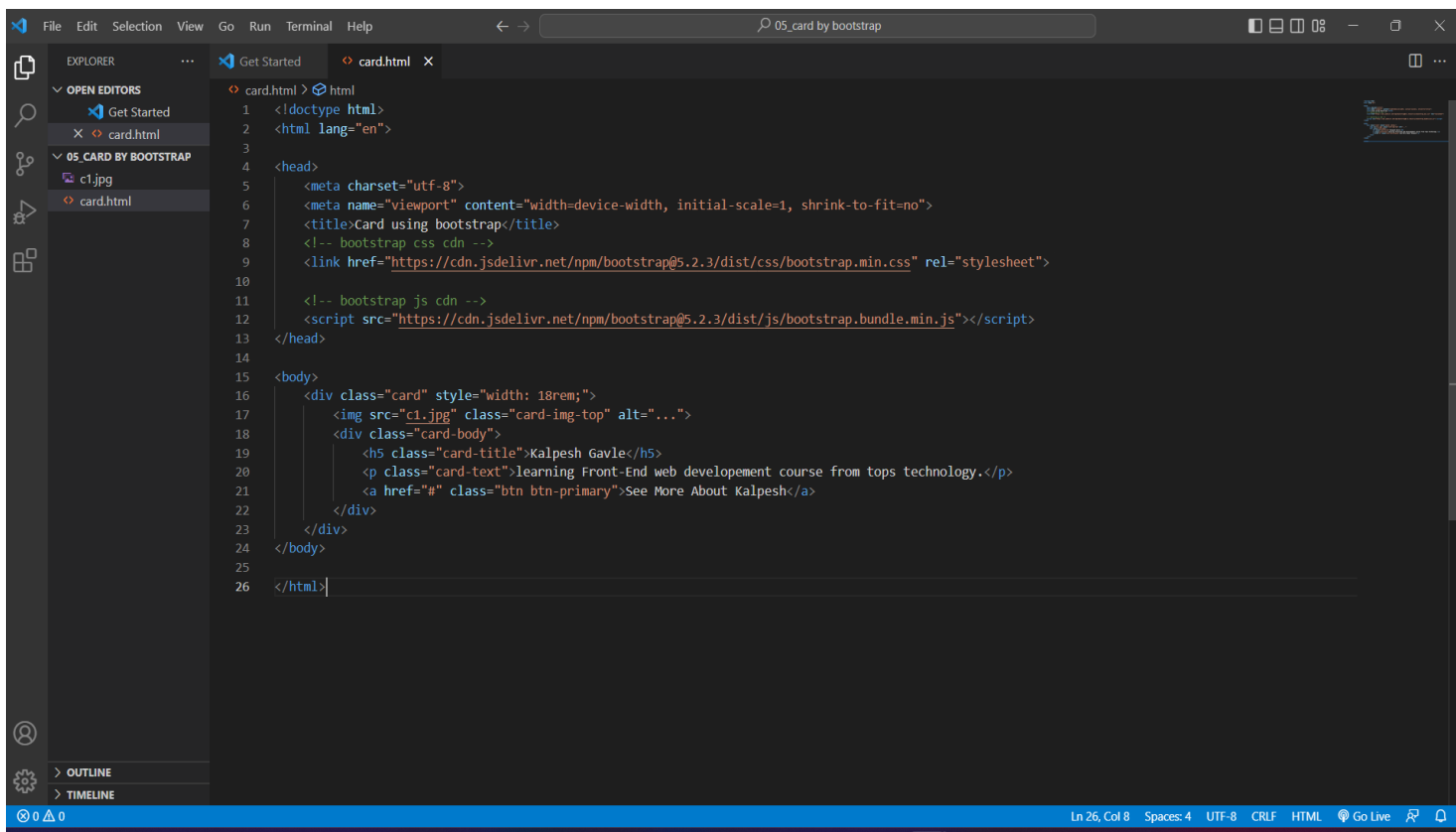# MODULE: 6 (Bootstrap Basic & Advance)

• What are the advantages of Bootstrap?
  o Easy to prevent repetitions among multiple projects
  o Responsive design that can be used to adapt screen sizes and choose what shows and what doesn't on any given device
  o Maintaining consistency among projects when using multiple developer teams
  o Cross-browser compatibility

• What is a Bootstrap Container, and how does it work?
  o Container is a class of bootstrap and it have specific width and aligned in center.
  o Container-Fluid class takes 100% of width.
  o Container-xl, container-xs, container-md, container-lg, container-xxl are classes for responsiveness as per screen sizes.

• What are the default Bootstrap text settings?
  o Bootstrap 5 uses a default font-size of 1rem (16px by default), and its line-height is 1.5. In addition, all <p> elements have margin-top: 0 and margin-bottom: 1rem (16px by default).

• What do you know about the Bootstrap Grid System?
  o Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. Below is an example and an in-depth look at how the grid comes together.

• What is the difference between Bootstrap 4 and Bootstrap 5
  o Grid system: bootstrap-4 have 5 tiers (xl , md, lg, sm, xs), bootstrap-5 have 6 tiers(xs, sm, md, lg, xl, xxl).
  o jQuery : Bootstrap-4 has jquery and all related plugins. Bootstrap-5 removes jquery plugins.

• What is a Button Group, and what is the class for a basic Button Group?
  o Button Groups in Bootstrap is a class of name btn-group which is used to create series of buttons in groups (without spaces) vertically or horizontally. This is the basic syntax of the button group class where each button has its own class of btn.

• How can you use Bootstrap to make thumbnails?
  o Use img-thumbnail class to give an image a rounded 1px border appearance like thumbnail.

• In Bootstrap 4, what is flexbox?
  o Bootstrap 4 uses flexbox, instead of floats, to handle the layout.
  o Use class d-flex to flex.
  o The Flexible Box Layout Module, makes it easier to design flexible responsive layout structure without using float or positioning.

- How can one create an alert in Bootstrap?
  - Alerts are created with the 'alert' class.
  - alert-success, alert-info, alert-warning or alert-danger classes used with alert class.
- What is a bootstrap card and how would you create one?
  - Cards support a wide variety of content, including images, text, list groups, links, and more.
  - By using card, card-body, card-title, card-text, card-link & card-img-top classes we can create card.
  - Code:

o Output: