OVERVIEW
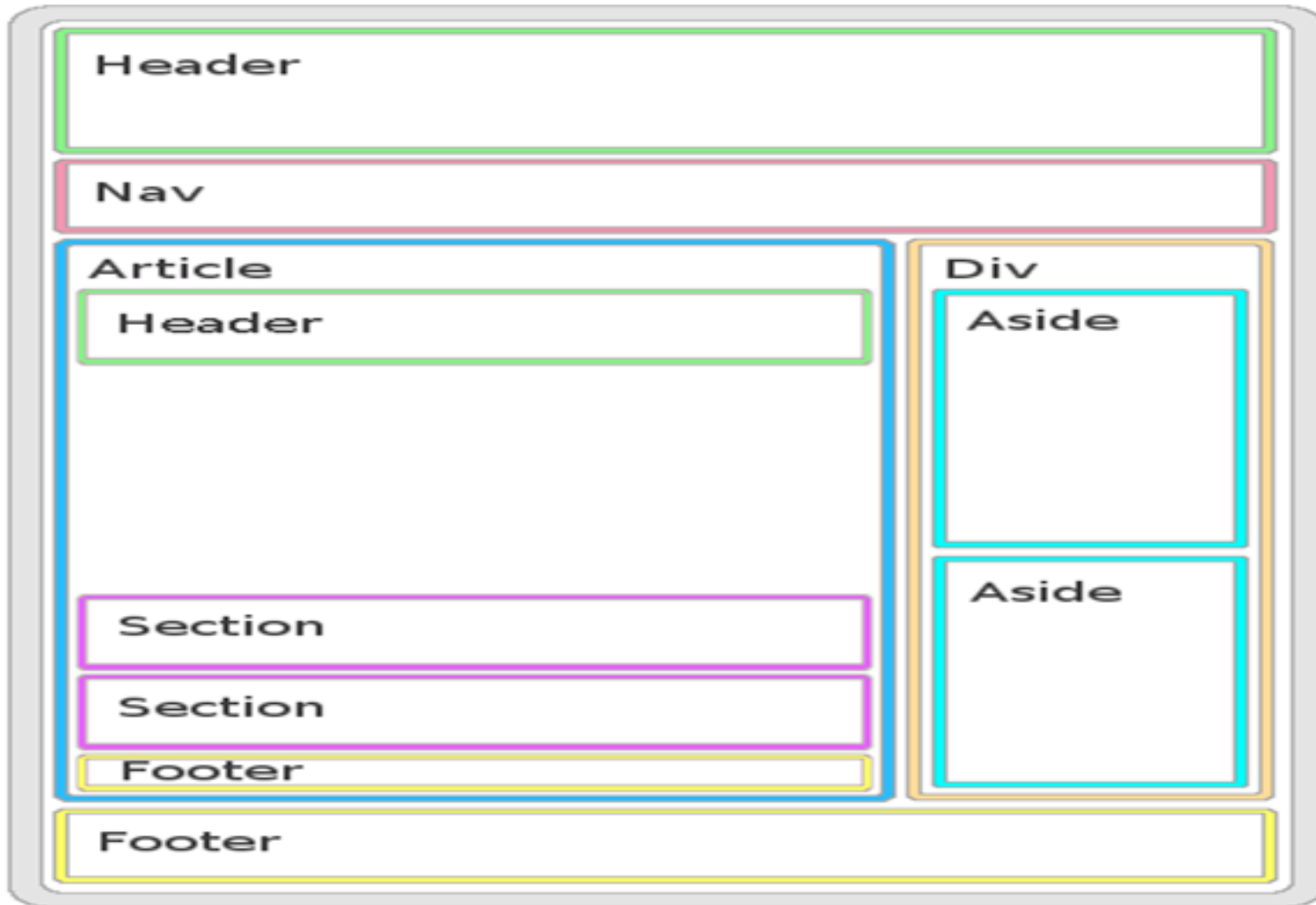
TOPICS DISCUSSED IN CLASS SO FAR

- Web markup language
- What is HTML?
- What is XHTML?

SIMPLE STRUCTURE OF HTML

EDITORS

- Where to write HTML programs?
- How to compile those programs?

HTML BASICS

- Html documents
- Html headings
- Html Paragraphs
- Html Links
- Html Images
- Html Buttons
- Html List

HTML ATTRIBUTES

- What are Attributes?
- Comments in HTML.
- Tables in HTML
- Forms in HTML

HTML 5 ADD-ONS

- What are new Add-ons?
- Graphics(canvas)
- SVG
- Video
- Audio
- Summary
- Meter

CSS-CASCADING STYLE SHEETS

- What is CSS?
- Why CSS is required?
- How CSS can be defined?
- Different types of CSS
- What can be achieved with the help of CSS?
- Unit types

POSITIONING IN CSS

- Absolute Positioning
- Fixed Positioning
- Relative Positioning

CLIPPING

- What is clipping?
- How can it be achieved?
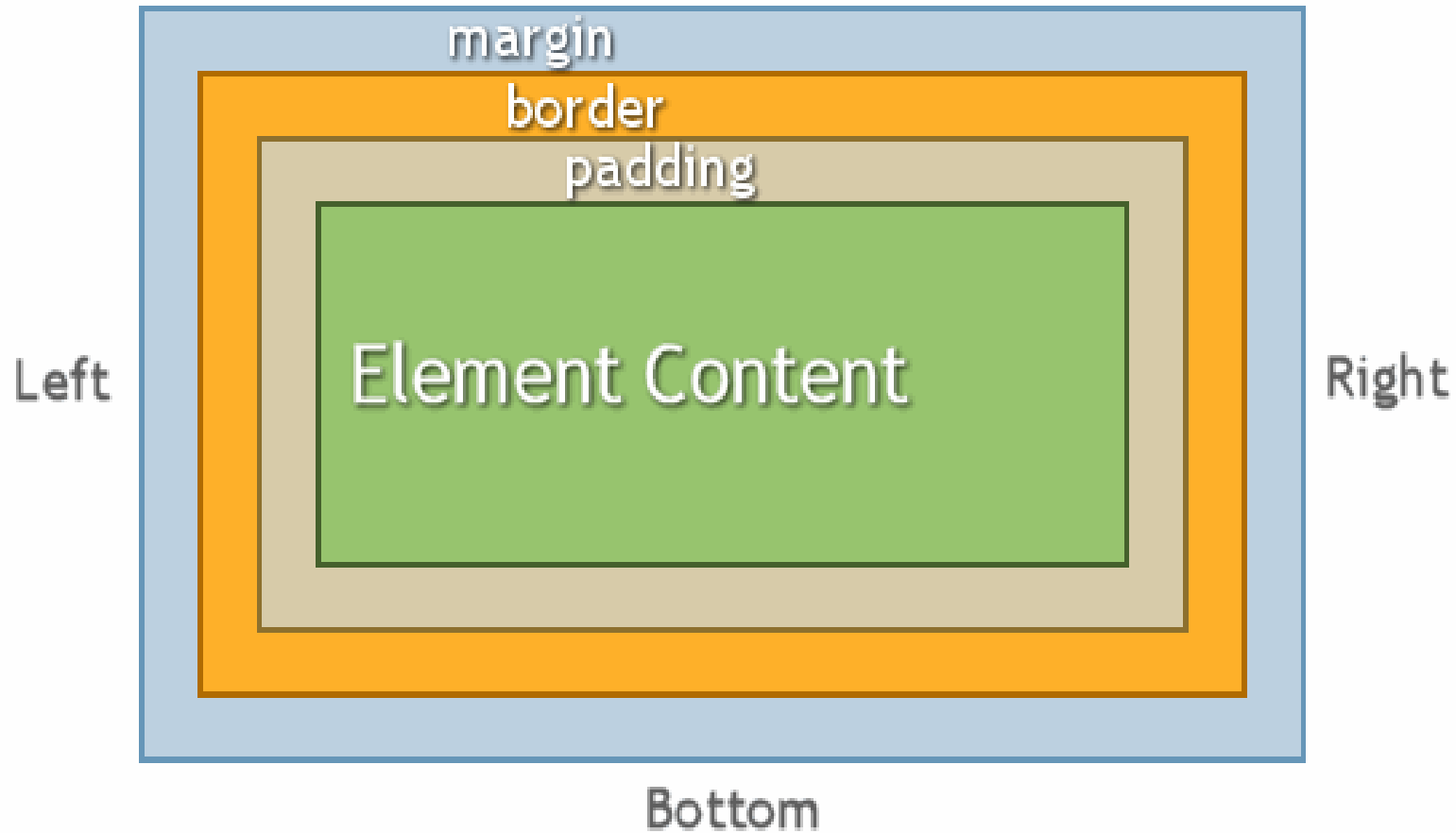- Where it can be used?

OTHER IMPORTANT FEATURES

- Hover
- Button styling
- Text alignment
- Text decoration
- Background definition
- Coloring property
- List style
- Table style

Many…

BOX MODEL

CSS EFFECTS

- Transformations
- Shadows for box and text
- Animation
- Rounded corner
- Border images

WEB LAYOUT

- What is a web layout?
- How is it achieved?
- How effectively <div> tags are used?
- Partition of web layout representation
- Based on Grid

RESPONSIVE WEB

- What is Responsive web?
- Based on pixel value
- Size of the screen represents the website partition size.
- Makes images in the website more prominent.

EXAMPLE

- So how are these done?

Screen shot of these .

JAVA SCRIPT

JS

- What is a JS?
- Why should we use it?
- Is Java and JS same?
- Where to write JS?

JS

- Variables in JS
- Data types
- Multi-paradigm (OO and Functional code)
- Arrays
- Object Literals
- What are objects?
- How are they created?
- Arrays as objects.

JS

- Functions in JS
- Scope of variable
- Constructor function

JS

- How to access the elements in HTML using JS?
- Example.

JS

- Alert box
- Confirm box
- Prompt box
- Calculation function

DOM

- What is DOM?
- Why use DOM?
- How to use DOM?
- GetElements- by ID, class,Tags.
- Radio button
- Select box

EVENTS

- What are events?
- How are they done?
- Why are they required?

FORM VALIDATION

- What is a form?
- Why validation?
- How to validate?
- What to validate?

TYPES OF VALIDATION

- Basic validation
- Data format validation
- How are they done?
- Regular Expression
- Example

VALIDATION

- What is RE?
- Example
- How to write a RE?
- RE methods
- Tips for Proper easy validation.

DYNAMIC AND STATIC DATA

- Timing events
- Image slider
- Cookies

UI/UX

- What is UI?
- What is UX?
- Why it is important?
- How to get good UI and UX?

XHTML

- What is XHTML?
- When can we use it?
- Why it is not used popularly?