

# Web Programming

## Mid-I Exam Content:

The following content is included in mid-I exam:

1. **HTML:**
  - Basic HTML elements
  - HTML 5 tags like nav, header, footer, section, etc
  - Inline, Block Level, Text Formatting Tag
  - Image Tag
  - HTML Links
  - Order and Unorder Lists
  - Table Creation in HTML
  - Forms Creation and Input Types
2. **CSS**
  - Selectors in CSS (Basics, Pseudo, Manual)
  - Image Selectors and Styling
  - Block Level Styling
  - Button Styling and UI
  - Shadow Properties in CSS
  - Transformations in CSS
  - Transitions in CSS
  - Animations in CSS
3. **Bootstrap**
  - Containers classes
  - Colors system
  - Grid System
  - Components
  - Responsive Design
  - Color Modes
4. **JS**
  - Statements
  - Syntax
  - Comments
  - Variables
  - Operators
  - Arithmetic
  - Data types
  - Functions
  - Objects
  - Events
  - Strings
  - String methods, search, templates
  - Numbers
  - Arrays

Dates  
Comparisons  
If else  
Switch  
Loops  
Break  
Iteratables  
Sets  
Maps  
Type of  
Conversion

## 5. **JavaScript HTML DOM**

Methods  
Finding HTML Elements  
Changing HTML Elements  
Adding and Deleting Elements  
Adding Events Handlers  
Finding HTML Objects  
JavaScript HTML DOM Elements  
Finding HTML Elements  
Finding HTML Element by Id  
Finding HTML Elements by Class Name  
Finding HTML Elements by Tag Name  
Finding HTML Elements by CSS Selectors  
Finding HTML Elements by HTML Object Collections  
JavaScript HTML DOM - Changing HTML  
Changing HTML Content  
Changing the Value of an Attribute  
Dynamic HTML content  
JavaScript Forms  
JavaScript HTML DOM - Changing CSS  
JavaScript HTML DOM Events  
JavaScript HTML DOM EventListener  
JavaScript HTML DOM Navigation  
JavaScript HTML DOM Elements (Nodes)  
JavaScript HTML DOM Collections  
JavaScript HTML DOM Node Lists