Syllabus – HTML,CSS Course

**WEEK 1:**

1. Course Introduction
   1. How we learn this course
   2. Learning Material
   3. Source codes for this course
2. Development Environment
   1. Github
   2. Text Editor
3. HTML Basic
   1. HTML Introduction
   2. HTML Document
   3. Install node js and browser sync
4. HTML Formatting
   1. Headings
   2. paragraph
   3. Bold , strong
   4. Italic, emphasized
   5. Small
   6. Mark
   7. Delete
   8. Insert, Underline
   9. Superscript, Subscript
5. Comments, image, attributes and links
   1. Why we use comments?
   2. Image insertion
   3. height, width attributes
   4. Access page links inside and outside folder
   5. Target link
   6. Image link
   7. Bookmark link
6. QUIZ (20 mins)

**Time (70 + 20 = 90)**

**WEEK 2:**

1. HTML Image maps
   1. Rectangular
   2. Circular
   3. Polygonal
2. HTML Lists and table
   1. Order list
   2. Un order list
   3. Description list
   4. Nested list
3. HTML Table
   1. Table heading
   2. Table row and column
   3. Colspan and rowspan
4. Iframe
   1. Iframe link
   2. Iframe target
   3. Iframe YouTube controls
5. HTML Form
   1. Form attributes
   2. Input types and attributes
   3. Form elements
6. HTML Media
   1. Video
   2. Audio
   3. Description list
7. QUIZ

**WEEK 3:**

1. Introduction to CSS
   1. CSS Syntax
   2. CSS insertion Methods
2. CSS Selectors
   1. All elements
   2. Specific element
   3. Element in element
   4. Id
   5. Class
   6. Multiple selectors
3. Basic CSS
   1. Comments in CSS
   2. Colors (Color name, RGBA, HEX, HSL)
   3. Backgrounds (URL, Gradient, image, position, repetition)
   4. Borders
   5. Overflow
4. Basic CSS Part 2
   1. Margin
   2. Padding
   3. Text
   4. Font
   5. Lists
   6. Width and height (max ,min)
   7. Display
   8. floating
   9. Positions
   10. Alignments
5. SMALL PROJECT HAND ZONE EXRCISE

(login form design. Image will be provided)

**WEEK 5:**

1. Flex Properties
2. Advance CSS
   1. Pseudo classes
   2. Pseudo elements
3. Animation in CSS
   1. 2D transforms
   2. 3D transforms
   3. Keyframes
   4. Transitions
4. Responsive Layout
   1. Grid view
   2. Responsive for desktop
   3. Responsive for tablet laptop
   4. Responsive for mobile phone
5. SMALL PROJECT HAND ZONE EXERCISE

(Responsive grid design for all devices. Image will be provide)

**WEEK 6:**

1. Simple Website (PROJECT)
2. HAND ZONE EXERCISE (Develop a small website. Image will be provide.)

**WEEK 7:**

1. Portfolio Landing Page (PROJECT)
2. HAND ZONE EXERCISE ( Develop your own profile as a website designer with your own creative design )

**WEEK 8:**

1. Restaurant Dashboard Design (PROJECT)
2. HAND ZONE EXERCISE ( Make a responsive custom web application design.)