

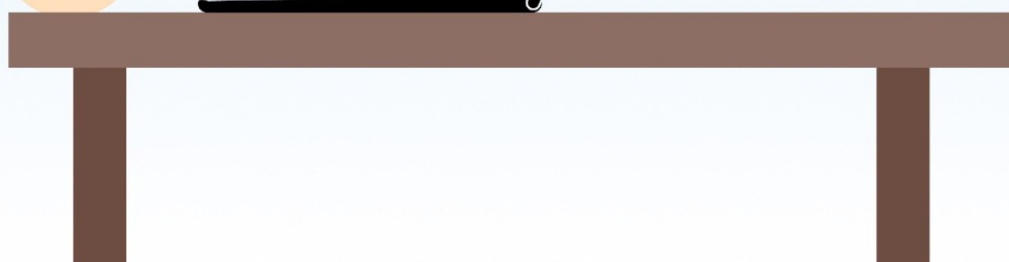


LESSON ONE

Introduction to HTML

In this lesson:

- ▶ What is HTML?
- ▶ Resources needed to start the series
- ▶ What you would be doing
- ▶ Goal
- ▶ Course structure

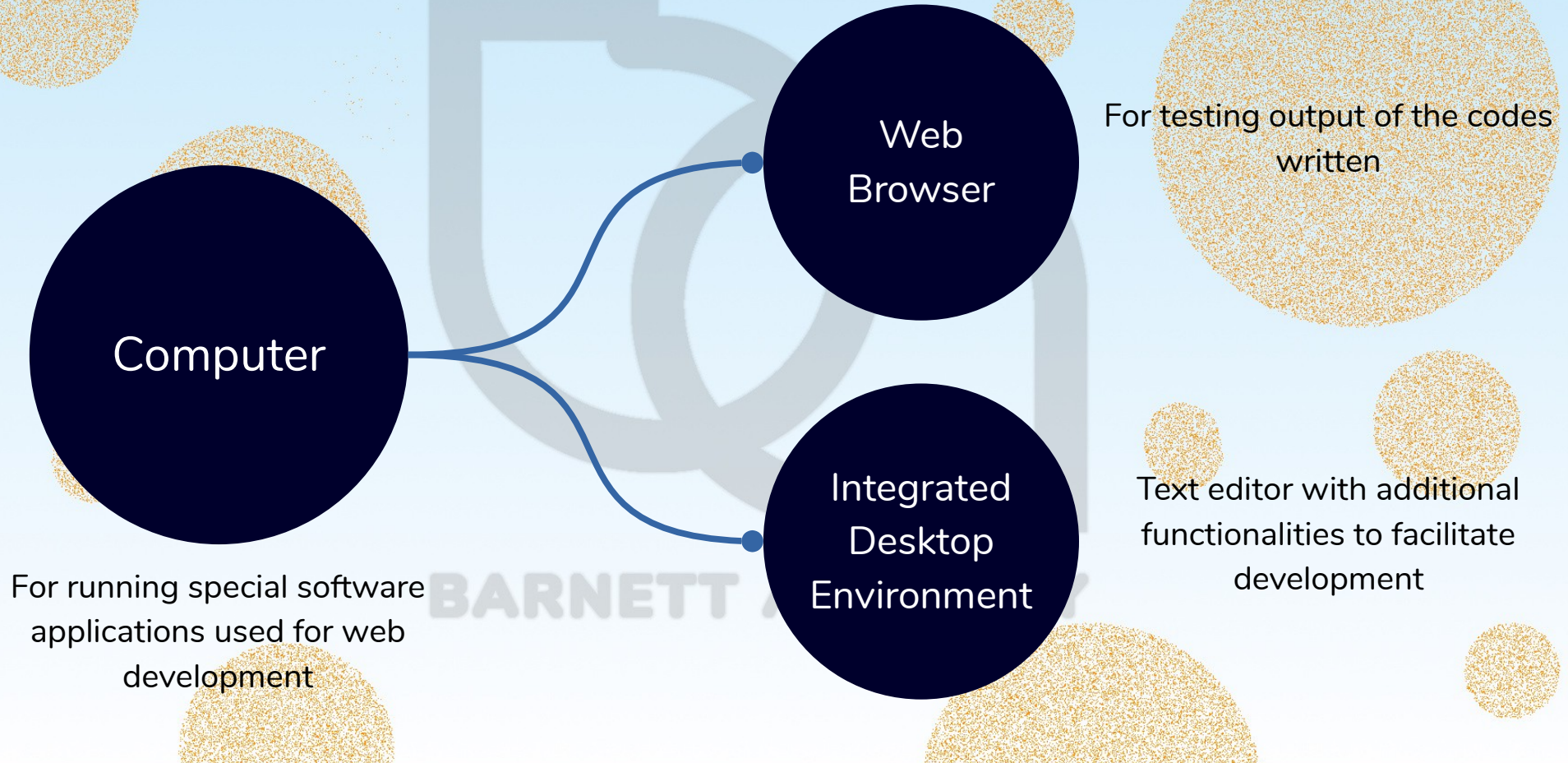


What is HTML?

HTML is a markup language that stands for **Hyper Text Markup Language**. It is the language used in creating the structure of webpages. HTML is used to specify whether your web content should be recognized as a paragraph, list, heading or one of many other available elements or even a new element that you define.

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What do I Need to Start?



What Would I be Doing?

Debugging

Fixing errors in
Your code

Coding

Typing texts with special
tags wrapped around
them to represent the
HTML elements

Surfing the Internet

When you need help

Designing

Planning the layout
of your site and
retouching photos

Creating Content

When you are also
Responsible for the
Content on the
page

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Goal

To be able to Work with IDE

Get comfortable with using
IDEs and learn to customize
them

Write HTML Code

Understanding the syntax
HTML to be able to write
clean codes

Using right practices

Get to know certain coding
conventions
approved by most
developers

Debug HTML Codes

Easily figure out when
something is wrong
with your code
and how to fix it

Know how to Find help

Know sites with useful
resources and learn the
right search terms
that would yield
great results

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Course Structure

Video

- ▶ Intro
- ▶ Theory
- ▶ Practice
- ▶ Recap

Course Materials

- ▶ Slides
- ▶ Source codes

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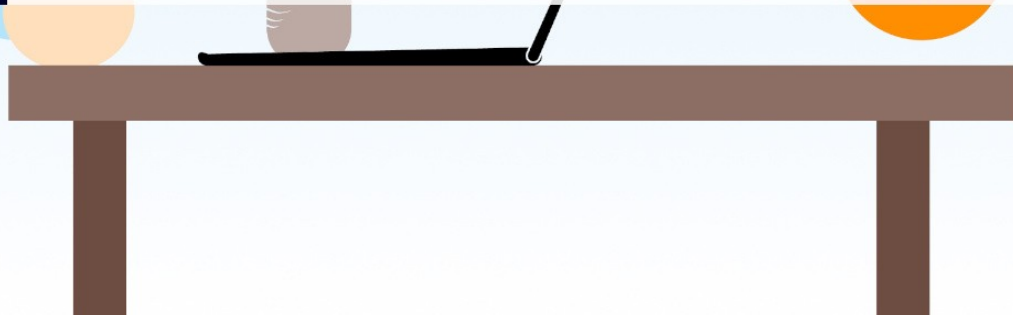


LESSON TWO

Setting Up Your PC

In this lesson:

- ▶ Installing VS Code and Google Chrome
- ▶ Downloading course materials and loading it in VS Code
- ▶ Installing extensions on VS Code
- ▶ Opening webpages with Google Chrome
- ▶ Viewing source code of websites



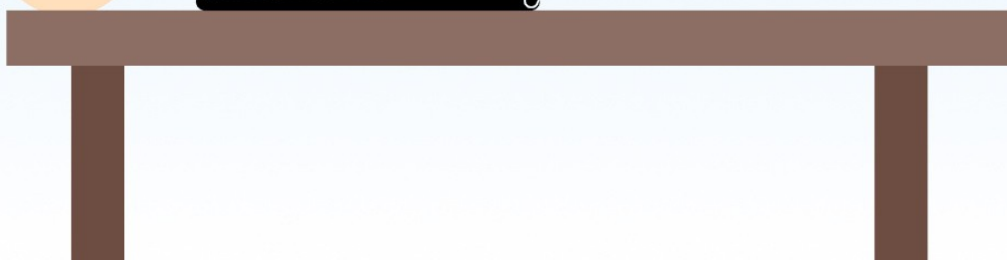


LESSON THREE

Structure of HTML

In this lesson:

- ▶ Creating HTML files
- ▶ HTML concepts and syntax
- ▶ Anatomy of HTML documents
- ▶ Install extensions on VS Code
- ▶ Open webpages with Google Chrome



HTML Syntax

`<p>Content</p>`

`<p attr="value">Content</p>`

Self closing tags

``

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■ Element's name ■ Element's content ■ Tags ■ Attribute ■ Attribute's value

HTML Structure

Document type

HTML

Head

Body

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RECAP

- ▶ HTML elements must start with an **opening tag** and ends with a **closing tag**
- ▶ An element can also contain **attributes** that may also have **values**
- ▶ Some elements are self closing
- ▶ An HTML document must have the **doctype** and the root **html** element
- ▶ The contents of the **head** element is not displayed in the browser
- ▶ The contents of the **body** element is displayed in the browser
- ▶ Indentation is necessary but adds nothing to the output



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What is Marking Up?

At its heart, HTML is a simple language made up of elements, which can be applied to pieces of text to give them different meaning in a document (Is it a paragraph? Is it a bulleted list? Is it part of a table?), structure a document into logical sections (Does it have a header? Three columns of content? A navigation menu?), and embed content such as images and videos into a page.