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HOMEWORK 2
TEXT AND TYPOGRAPHY

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INTRODUCTION

These exercises are meant to keep you practicing thing we learn and what we are about to learn in the course. If you don't know how to solve any of the exercise, please first see the solution and try to figure it out, and if you still don't know how to solve them, please contact me.

The main goal of these exercises is for you to get familiar with HTML and CSS. So, as I said earlier if you get stuck on one, please first see the solution, or continue to the next one.

Best way to learn is to practice coding

EXERCISE 01

Print the squares of the numbers 1 - 20. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result. (Example: 102 = 100).
see HTML: <sup> tag (techonthenet.com) for more information.

| Document | × | + |

← → C ⌂ ⓘ 127.0.0.1:5500/Ex%201/index.html
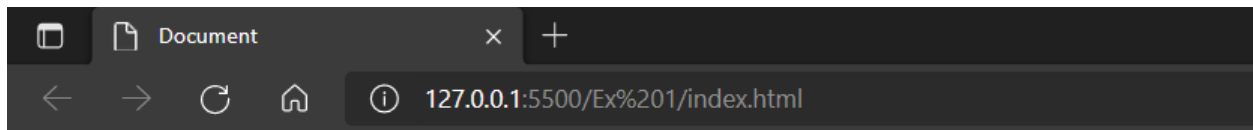
$1^2 = 1$
$2^2 = 4$
$3^2 = 9$
$4^2 = 16$
$5^2 = 25$
$6^2 = 36$
$7^2 = 49$
$8^2 = 64$
$9^2 = 81$
$10^2 = 100$
$11^2 = 121$
$12^2 = 144$
$13^2 = 169$
$14^2 = 196$
$15^2 = 225$
$16^2 = 256$
$17^2 = 289$
$18^2 = 324$
$19^2 = 361$
$20^2 = 400$

EXERCISE 02

Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: Alan1). Print first, the unalphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.

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127.0.0.1:5500/Ex%202/index.html
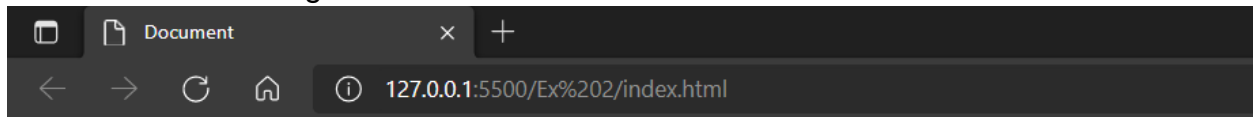
Unalphabetized list

Bill$_3$
Roger$_5$
Sandra$_6$
Stacy$_7$
William$_{10}$
Thomas$_8$
Wendy$_9$
Jane$_4$
Andy$_1$
Anna$_2$

Alphabetized list

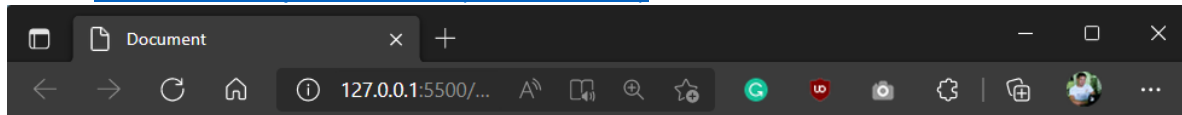Andy
Anna
Bill
Jane
Roger
Sandra
Stacy
Thomas
Wendy
William

EXERCISE 03

Print two paragraphs that are both indented using the   command.
Go to What is   in HTML? (educative.io) for more info.

EXERCISE 04

Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.
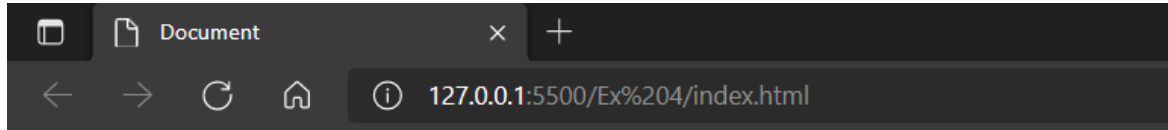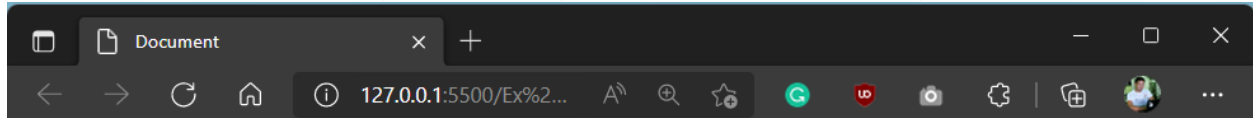
Hardware devices

    I. CD-ROM drive
   II. DVD drive
  III. Hard disk
  IV. Modem

Web languages

- HTML
- Javascript
- PHP
- Java

EXERCISE 05

Prints an h1 level heading followed by a horizontal line whose width is 100%. Below the horizontal line print a paragraph relating to the text in the heading.
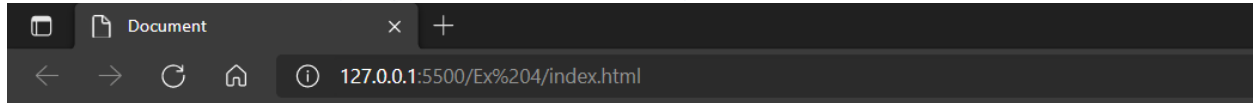
Cookie

A delicious confection that is quite popular when it comes to sweets. Cookies come in various varieties including chocolate chip, raisin, and macademia nut. A very different type of cookie is a small text file stored on a user's computer by a web server.

EXERCISE 06

Print some preformatted text of your choosing. (hint: use the <pre> tag).
For more information on <pre> tag go to <pre>: The Preformatted Text element - HTML: HyperText Markup Language | MDN (mozilla.org)

A sample C# program:

```
// Hello World! program
namespace HelloWorld
{
    class Hello {
        static void Main(string[] args)
        {
            System.Console.WriteLine("Hello World!");
        }
    }
}
```
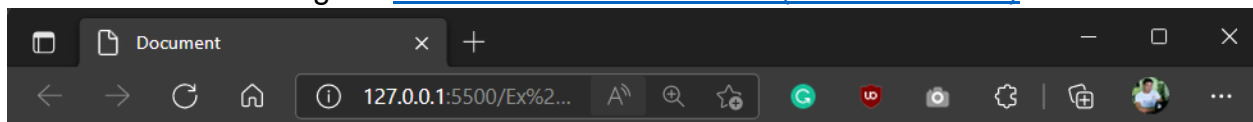
Using the pre element you can display text however you want with all the spaces and line breaks preserved.

EXERCISE 07

Print a long quote and a short quote. Cite the author of each quote.
(hint: use the <blockquote> and <q> tag).
For more information go to HTML Quotation Elements (w3schools.com).

"Anyone who has lost track of time when using a computer knows the propensity to dream, the urge to make dreams come true and the tendency to miss lunch." - Tim Berners-Lee
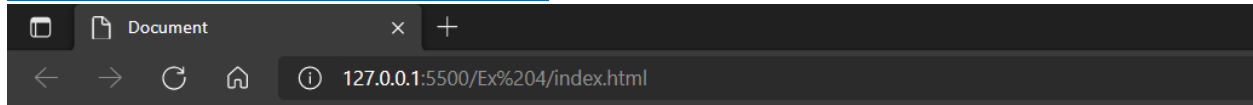
""Hi, Super Nintendo Chalmers!"" - Ralph Wiggum

EXERCISE 08

Print some deleted and inserted text of your choosing.
(hint: use the <del> and <ins> tag).
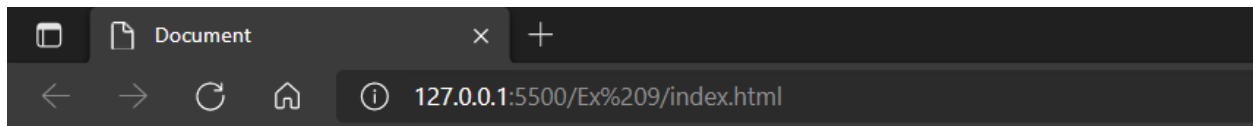For more information go to <del>: The Deleted Text element - HTML: HyperText Markup Language | MDN (mozilla.org)

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127.0.0.1:5500/Ex%204/index.html

HTML stands for ~~Hyper Translation Markup Language~~ <u>Hyper Text Markup Language</u>.

EXERCISE 09

Print a definition list with 5 items.

Document ☐ ✕ +

127.0.0.1:5500/Ex%209/index.html

HTML
    A markup language
Pen
    A writing tool
Lettuce
    A vegetable
Technology
    The development of tools which serve as a means to certain objectives
Megabyte
    A unit of data consisting of 1024 kilobytes

EXERCISE 10

Print two addresses in the same format used on the front of envelopes (senders address in top left corner, receivers address in the center)
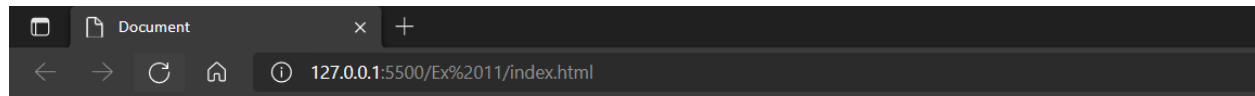For more information go to HTML address tag (w3schools.com) and HTML center tag (w3schools.com)

EXERCISE 11

Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent.
For more information go to <acronym> - HTML: HyperText Markup Language | MDN (mozilla.org)

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127.0.0.1:5500/Ex%2011/index.html

Abstr.

Biochem.

Ex.

Lit.

Math.

W3C

IEEE

ISO

HTML

BASIC

Move your mouse over an abbreviation or acronym to get more data.