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BIT01 WEBTECHNOLOGY — A GENTLE INTRODUCTION

1 Introduction

The purpose of this course is to provide an intro to web technologies (HTML, CSS) and dynamic webpages via PHP.

1.1 Resources

The course manual is a site: https://asoete.github.io/howest-webtechnology. A PDF version is also available.

The solutions of the exercises made during this course will be published here.

An in depth guide/reference/manual for PHP can be found at http://php.net

For an HTML and CSS reference see http://www.w3schools.com/html and http://www.w3schools.com/css

1.2 Contact

If you have questions about this course and/or it's content please ask... You can contact me via arne.soete@howst.be

1.3 Code

This course will feature a lot of code. The source-code of all the snippets in this manual can be found here.

The source and the output of each snippets are always displayed whenever a snippet is included.

Example:

```php
<?php                                               embed_example | src

echo "<h1>This is an embed example</h1>";

if( array_key_exists( 'KEY', $_POST ) ) {

    unset($_POST['KEY']);
}

?>

<p>
   Markup is interpreted by the browser and formatted accordingly..
</p>
```

This is an embed example

Markup is interpreted by the browser and formatted accordingly..

2 Getting started

This course requires some software to be installed.

- A web browser: firefox
- A text editor: gedit
- PHP
- GIT

Normally these packages are already installed on the provided VM. If not, they can easily be installed by running:

```
sudo dnf install firefox gedit php git
```

Press y when prompted Is this ok [y/N]: .

2.1 Get local copy of the exercises and this guide. (Optional)

This guide and all the exercises are hosted on GitHub.

Therefore a basic understanding of git is required to get all the source material.

1. Get an initial copy of the repository;

   ```
   git clone https://github.com/asoete/howest-webtechnology.git
   ```

2. ## 2.1 hmmm

2.1 title: HTML basics

3 HTML Basics

3.1 HTML: Hello World

Create a text file name `hello-world.html`

```
gedit hello-world.html
```

With contents:

```
Hello World
```

Open the local HTML file in the browser.

```
firefox <file.html>
```

3.2 Headers: `<H*>`

Last modified by Arne Soete at 2016-09-24