

Introduction to HTML

HTML Introduction

Chapter 1

ITIQ Organization

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ITIQ

Entrepreneurship
& Innovation



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Definitions

تعريف

- WWW – World Wide Web.
- HTML – Hypertext Markup Language – The Language of Web Pages on the World Wide Web.
- HTML is a text formatting language.
- URL – Uniform Resource Locator.
- Browser – A software program which is used to show web pages.

Definitions

تعريف

- “Normal text” surrounded by bracketed tags that tell browsers how to display web pages
- Pages end with “.html”
- HTML Editor – A word processor that has been specialized to make the writing of HTML documents more effortless.
- HTTPS: Hypertext Transfer Protocol Secure

Tags

< تاج >

- Codes enclosed in brackets

- Usually paired

<TITLE>My Web Page</TITLE>

- Not case sensitive

<TITLE> = <title> = <TITLE>

Choosing Text Editor

- There are many different programs that you can use to create web documents.
- HTML Editors enable users to create documents quickly and easily by pushing a few buttons. Instead of entering all of the HTML codes by hand.
- These programs will generate the HTML Source Code for you.

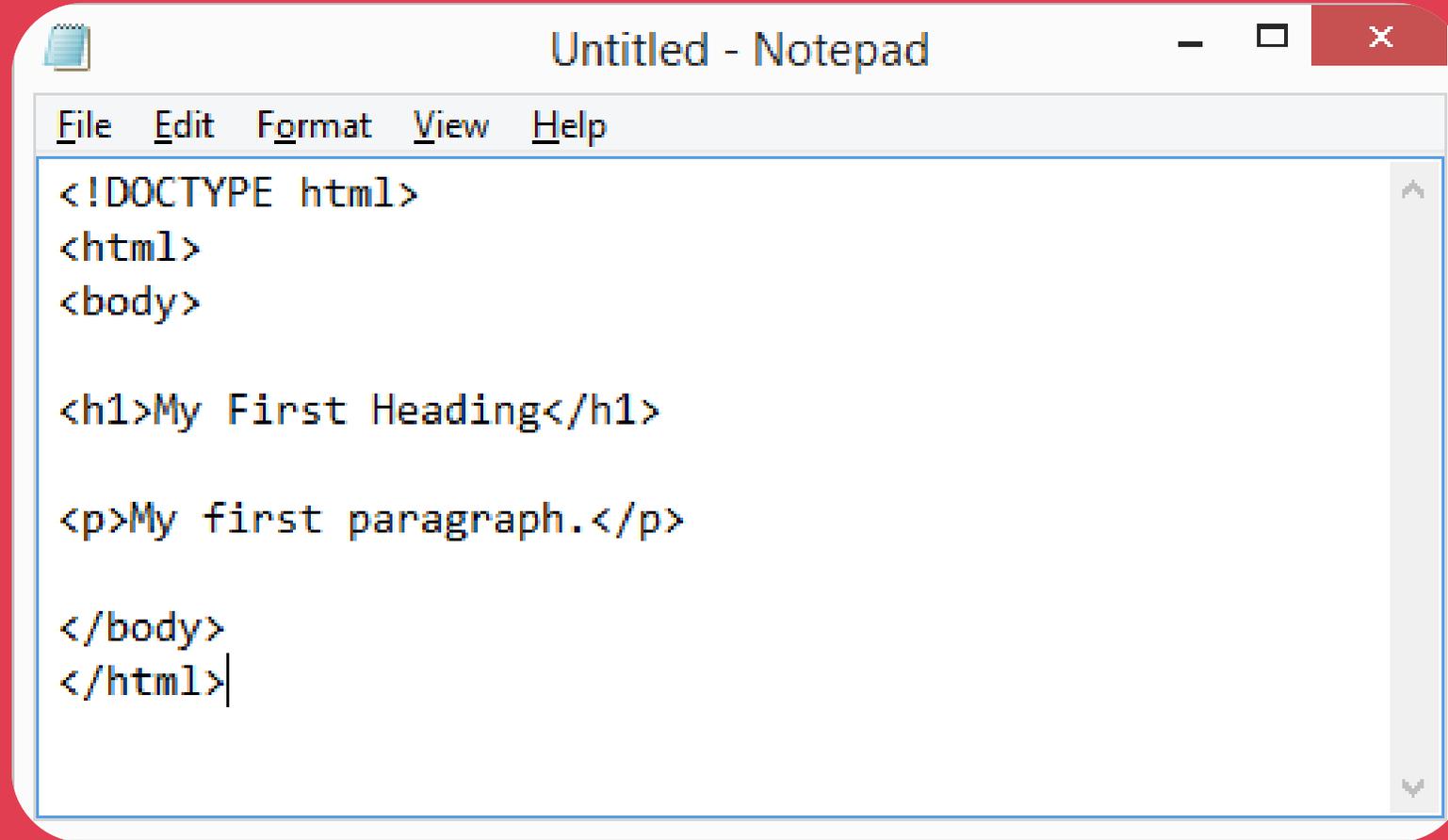
Choosing Text Editor

- HTML Editors are excellent tools for experienced web developers; however; it is important that you learn and understand the HTML language so that you can edit code and fix “bugs” in your pages.
- For this Course, we will focus on using the standard Microsoft Windows text editors, NotePad. We may use also textpad.

Starting NotePad

- NotePad is the standard text editor that comes with the microsoft windows operating system. To start NotePad in windows 7 – 10 follow the steps bellow:
 1. Click on the “Start” button located on your Windows task bar.
 2. Click on “Programs” and then click on the directory menu labeled “Accessories”.
 3. Locate the shortcut “NotePad” and click the shortcut once.

Starting NotePad

A screenshot of a Notepad window titled "Untitled - Notepad". The window has a menu bar with "File", "Edit", "Format", "View", and "Help". The text area contains the following HTML code:

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>

<p>My first paragraph.</p>

</body>
</html>
```

HTML Page Creation & Editing

- In this chapter you will learn to create HTML
- pages with a standard text editor.
- Objectives

Upon completing this section, you should be able to

- **1.** Choose a Text Editor.
- **2.** Create a Basic Starting Document.
- **3.** Understand and set Document Properties.
- **4.** View Your Results in a Browser.

Creating a Basic Starting Document

```
<HTML>
```

```
<HEAD>
```

```
  <TITLE>ITIQ Organization</TITLE>
```

```
</HEAD>
```

```
<BODY>
```

```
  This is what is displayed.
```

```
</BODY>
```

```
</HTML>
```

Creating a Basic Starting Document

- The HEAD of your document point to above window part. The TITLE of your document appears in the very top line of the user's browser. If the user chooses to "Bookmark" your page or save as a "Favorite"; it is the TITLE that is added to the list.
- The text in your TITLE should be as descriptive as possible because this is what many search engines, on the internet, use for indexing your site.

Creating a Basic Starting Document

- يشير رأس "HEAD" المستند إلى الجزء العلوي من الشاشة، يظهر عنوان المستند الخاص بك في السطر العلوي من متصفح المستخدم، إذا اختار المستخدم "إشارة مرجعية" لصفحتك أو حفظها على أنها "مفضلة" ؛ هو العنوان الذي تتم إضافته إلى القائمة.
- يجب أن يكون النص في TITLE الخاص بك وصفيًا قدر الإمكان لأن هذا هو ما تستخدمه العديد من محركات البحث على الإنترنت لفهرسة موقعك.

HTML Page Creation & Editing

Document properties are controlled by attributes of the BODY element. For example, there are color settings for the background color of the page, the document's text and different states of links.

يتم التحكم في خصائص المستند من خلال سمات عنصر الـ BODY ، على سبيل المثال ، هناك إعدادات لونية للون خلفية الصفحة ونص المستند وحالات مختلفة من الروابط.