

HTML

Objectives

- Getting Started With HTML
 - ✓ Introducing HTML
 - ✓ How Web pages work
 - ✓ Introduction to Tags
 - ✓ Structure of HTML page
- Creating a Web Page
 - ✓ Introduction table, tr, td tags.
 - ✓ Paragraphs and Line breaks
 - ✓ Headings
 - ✓ Creating Ordered and Unordered List
- Text Formatting And Alignment
 - ✓ Boldfaces and Italics
 - ✓ Font Size, Color and Typeface
 - ✓ Special Characters

Objectives

- Using Links & Images
- Style Sheet
 - ✓ Purpose of Style Sheet
 - ✓ Style Rules
 - ✓ Attaching Style Sheet
 - ✓ Defining classes
 - ✓ Div tag, Span Tag
 - ✓ Using Span
- Developing Forms
 - ✓ Introducing Forms
 - ✓ Using Standard Form Controls

What is World Wide Web?

- The *World Wide Web (Web)* is a network of information resources. The Web relies on three mechanisms to make these resources readily available to the widest possible audience:
 - ✓ A uniform naming scheme for locating resources on the Web (e.g., URIs).
 - ✓ Protocols, for access to named resources over the Web (e.g., HTTP).
 - ✓ Hypertext, for easy navigation among resources (e.g., HTML).

Introducing HTML

What is HTML

To publish information for global distribution, one needs a universally understood language, a kind of publishing mother tongue that all computers may potentially understand. The publishing language used by the World Wide Web is HTML (from HyperText Markup Language).

Introducing HTML

What is HTML

HTML contains special markers, or tags, which define the style and structure of the page.

Tags are
also referred
to as
elements.

Introducing HTML

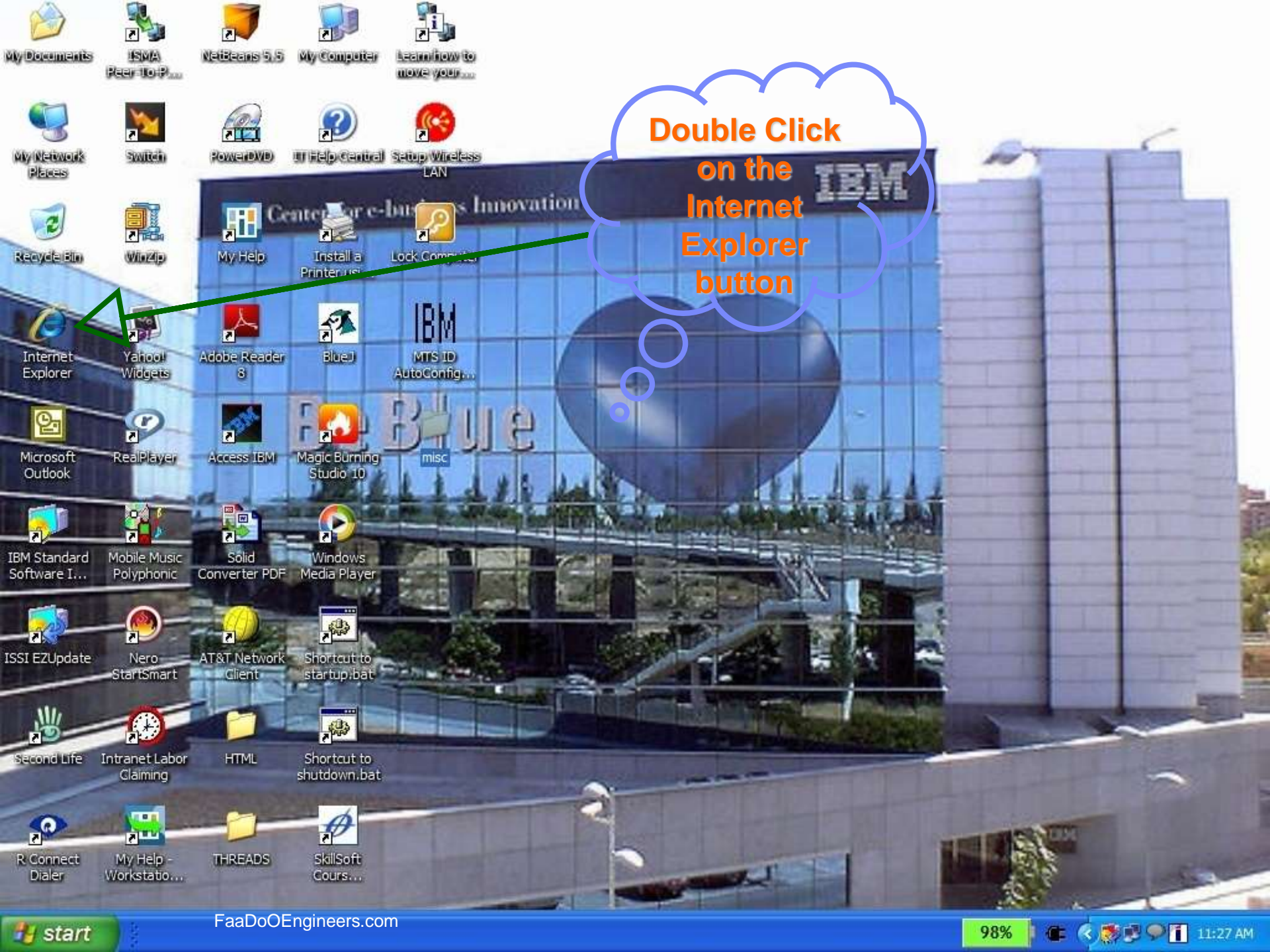
Uses of HTML

- Publish online documents with headings, texts, tables, lists, photos, etc.
- Retrieve online information via hypertexts links.
- Design forms for conducting transactions with remote services, for use in searching for information, making reservations, ordering products, etc.
- Include spread-sheets, video clips, sound clips, and other applications directly in their documents.

How To Access An Web Page



Click To
Proceed With
The Steps



**Double Click
on the
Internet
Explorer
button**

My Documents

ISMA
Peer-to-P...

NetBeans 5.5

My Computer

Learn how to
move your...

My Network
Places

Switch

PowerDVD

IT Help Central

Setup Wireless
LAN

Recycle Bin

WinZip

My Help

Install a
Printer us...

Lock Comp...

Internet
Explorer

Yahoo!
Widgets

Adobe Reader
8

BlueJ

IBM
MTS ID
AutoConfig...

Microsoft
Outlook

RealPlayer

Access IBM

Magic Burning
Studio 10

misc

IBM Standard
Software I...

Mobile Music
Polyphonic

Solid
Converter PDF

Windows
Media Player

ISSI EZUpdate

Nero
StartSmart

AT&T Network
Client

Shortcut to
startup.bat

Second Life

Intranet Labor
Claiming

HTML

Shortcut to
shutdown.bat

R Connect
Dialer

My Help -
Workstato...

THREADS

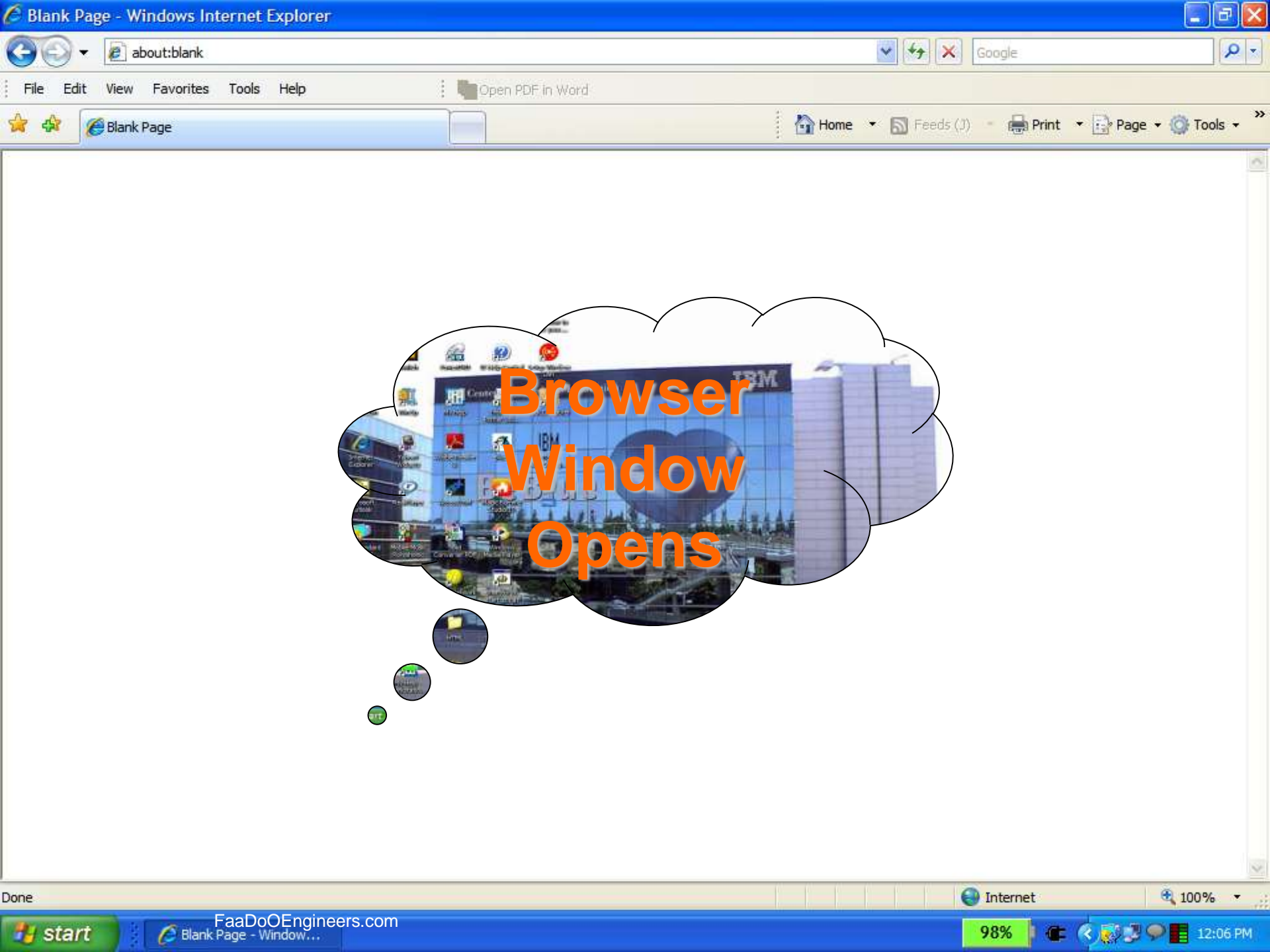
SkillSoft
Cours...

start

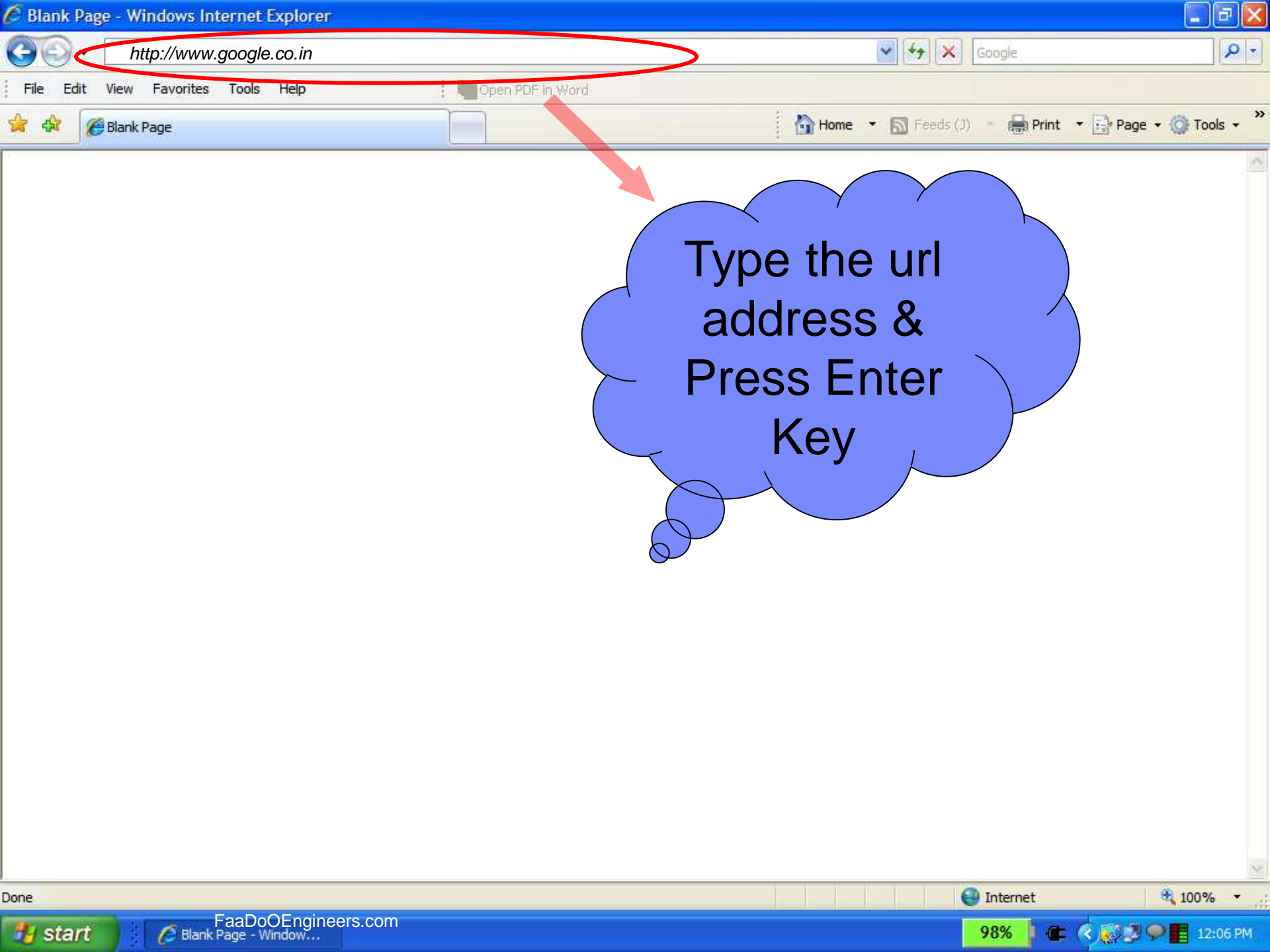
FaaDoEngineers.com

98%

11:27 AM

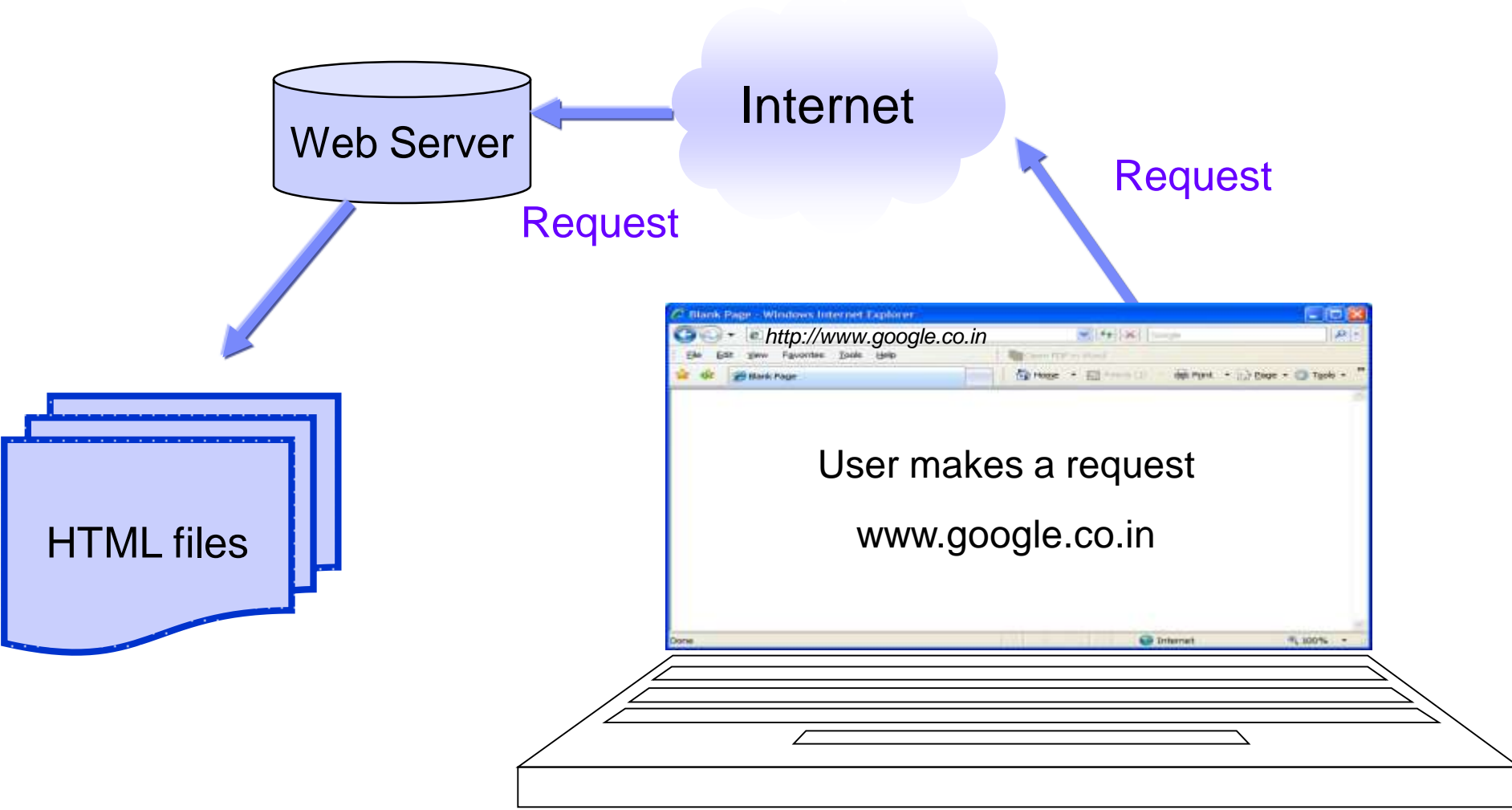


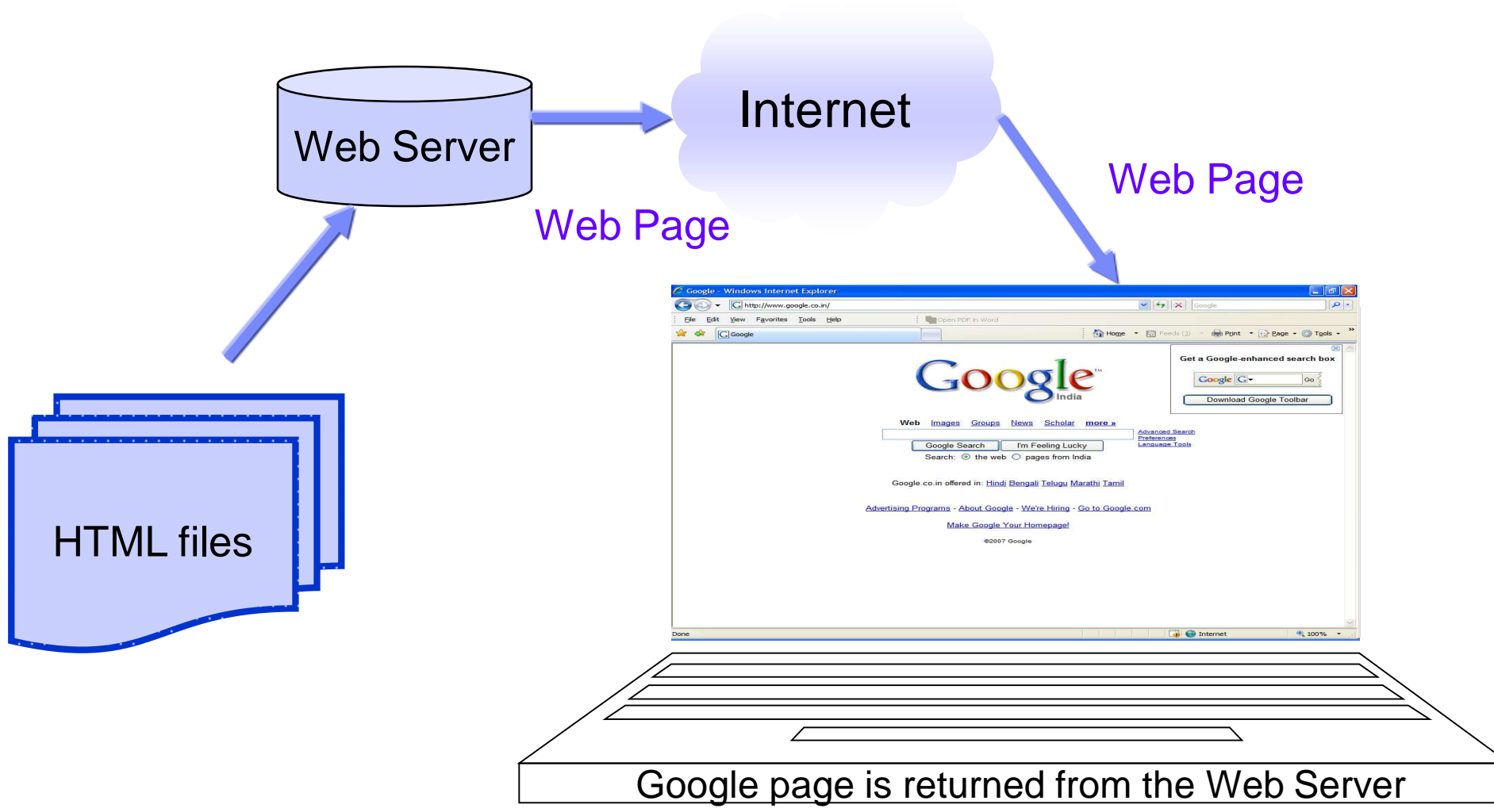
Browser
Window
Opens



http://www.google.co.in

Type the url
address &
Press Enter
Key





Web Server

Internet

Web Page

Web Page

HTML files

Google page is returned from the Web Server

Google - Windows Internet Explorer

http://www.google.co.in/

File Edit View Favorites Tools Help

Open PDF in Word

Home Feeds (1) Print Page Tools

Google™ India

Web [Images](#) [Groups](#) [News](#) [Scholar](#) [more »](#)

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[Make Google Your Homepage!](#)

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Done

Internet 100%

Introducing HTML

What is a Tag

A tag is a reference in an HTML document which describes the style and structure of the document.

All tag start with `<` (less than symbol) and end with `>` (greater than symbol)

Tags which mark a beginning have no `/` (front slash).
Tags which mark an ending have a `/` immediately after `<`,
as in `</`.

Introducing HTML

Example on Tag

Sample Tags

`<HTML>`, `<BODY>`, `<TITLE>` Starting tags / elements

`</HTML>`, `</BODY>`, `</TITLE>` Ending tags / elements

Introducing HTML

Explanation of the HTML code

```
<HTML>  
<HEAD>  
<TITLE> My Home Page </TITLE>  
</HEAD>  
<!-- Written by Manas K Sahoo -->  
<!-- Created: 30-May-2007 -->  
<!-- Organization: IBM -->  
<BODY>This is where the text goes.  
</BODY>  
</HTML>
```

Introducing HTML

Explanation of the HTML code

Start of an HTML document.

`<HTML>`

`<HEAD>`

`<TITLE> My Home Page </TITLE>`

`</HEAD>`

`<!-- Written by Manas K Sahoo -->`

`<!-- Created: 30-May-2007 -->`

`<!-- Organization: IBM -->`

`<BODY>This is where the text goes.`

`</BODY>`

`</HTML>`

Introducing HTML

Explanation of the HTML code

Indicates to the browser that this is an HTML document.

`<HTML>`

`<HEAD>`

`<TITLE> My Home Page </TITLE>`

`</HEAD>`

`<!-- Written by Manas K Sahoo -->`

`<!-- Created: 30-May-2007 -->`

`<!-- Organization: IBM -->`

`<BODY>This is where the text goes.`

`</BODY>`

`</HTML>`

Introducing HTML

Explanation of the HTML code

HTML document is divided into two sections.
1. `<HEAD> </HEAD>`

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> My Home Page </TITLE>
```

```
</HEAD>
```

```
<!-- Written by Manas K Sahoo -->
```

```
<!-- Created: 30-May-2007 -->
```

```
<!-- Organization: IBM -->
```

```
<BODY>This is where the text goes.
```

```
</BODY>
```

```
</HTML>
```

Introducing HTML

Explanation of the HTML code

HTML document is divided into two sections.
2. `<BODY> </BODY>`

```
<HTML>
<HEAD>
<TITLE> My Home Page </TITLE>
</HEAD>
<!-- Written by Manas K Sahoo -->
<!-- Created: 30-May-2007 -->
<!-- Organization: IBM -->
<BODY>This is where the text goes.
</BODY>
</HTML>
```

Introducing HTML

Explanation of the HTML code

Shows the contents in the browser title bar.
Generally placed inside Head tag.

```
<HTML>
<HEAD>
<TITLE> My Home Page </TITLE>
</HEAD>
<!-- Written by Manas K Sahoo -->
<!-- Created: 30-May-2007 -->
<!-- Organization: IBM -->
<BODY>This is where the text goes.
</BODY>
</HTML>
```

Introducing HTML

Explanation of the HTML code

Indicates comment tag. Can be placed anywhere in the document.

```
<HTML>
<HEAD>
<TITLE> My Home Page </TITLE>
</HEAD>
<!-- Written by Manas K Sahoo -->
<!-- Created: 30-May-2007 -->
<!-- Organization: IBM -->
<BODY>This is where the text goes.
</BODY>
</HTML>
```

Introducing HTML

Explanation of the HTML code

Signal the end of HTML document.

```
<HTML>  
<HEAD>  
<TITLE> My Home Page </TITLE>  
</HEAD>  
<!-- Written by Manas K Sahoo -->  
<!-- Created: 30-May-2007 -->  
<!-- Organization: IBM -->  
<BODY>This is where the text goes.  
</BODY>  
</HTML>
```


Kinds of Tags

1. Range / Container tags

They are called so because they cover a range of text.

Example : `<HTML>`, `<HEAD>`, `<BODY>`, `<TITLE>`

2. Standalone / Point tags

Those tags which do not need an ending.

Example: `<HR>`, `
`