



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

OPENCOURSEWARE

INTRODUCTION TO HTML





Introduction

- URL is...
- HTTP protocol! How it works?
- Create a simple HTML document
- Hypertext links.. How to do?
- May I add color and graphics ?



What is URL ?

Uniform Resource

*protocol: // user: password@server: port
/ path/ document[#reference | ? query]*

All fields always required ?.. NO



What is URL ?

file://servername/path/document	FILE
ftp://user:password@server/path/document	FTP
file://servername/path/document	Gopher
file://servername/path/document	Http
news://server/newsgroup[/article]	Mailto
mailto:user@host	News



HTTP?

- HEAD, GET, PUT
- Server replies ...
 - response code (3-digit)
 - response text (string)
 - document



CODE?

- 2xx Success (200 ok)
- 3xx Warnings (302 redirect, 304 cached)
- 4xx Client-side errors
 - 400 Bad request (browser sent bad HTTP)
 - 401 Unauthorized (no user/password)
 - 403 Forbidden (permission denied)
 - 404 Not found (path or doc typo)



CODE?



Not Found

The requested URL `/web/download.ASP` was not found on this server.

Apache/2.2.16 (Ubuntu) Server at ctl.utm.my Port 80

SIMPLE HTML

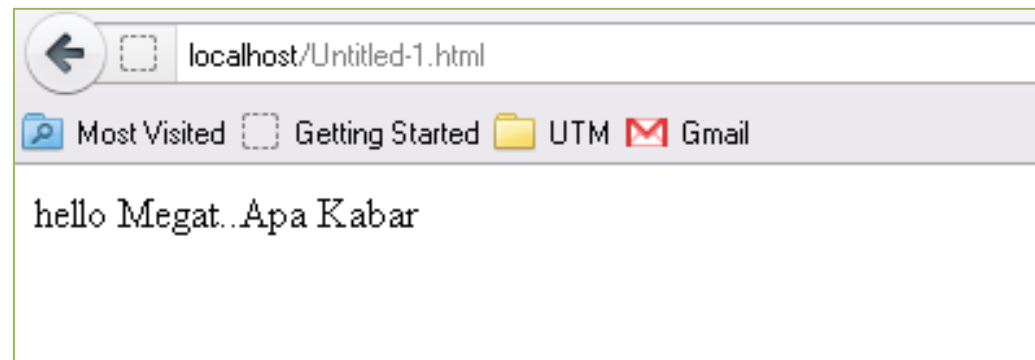
- HTML code:

```
<HTML>
```

```
<BODY>
```

```
hello Megat..Apa Kabar</BODY>
```

```
</HTML>
```





Title to the header.. How to add

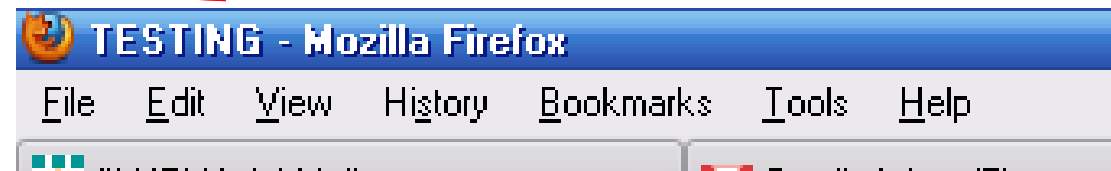
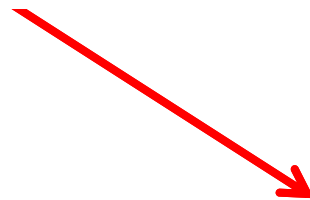
- HEAD container
- TITLE container
- META tag
- LINK container

Using HEAD and TITLE

- HTML code fragment:

```
<title>TESTING</title>  
</head>
```

```
<body>  
</body>
```





Changing colors

- BODY container options:
 - BGCOLOR --
 - TEXT --
 - ALINK --
 - LINK --
 - VLINK --
- Colors in the form #*rrggbb*



Body text tags

- Creating headers
- Creating paragraphs
- Creating lists
- Adding comments inside the code



headers

- H1, H2, H3, H4, H5, H6

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6



Creating paragraphs

- P -paragraph
- BR -line break
- HR -horizontal line
- PRE -preserved text
- CODE -code examples



ALIGN

-ALIGN= { LEFT | CENTER | RIGHT }
-

```
<div align="center">HAI.. WELCOME TO UTM  
</div>
```