

Web

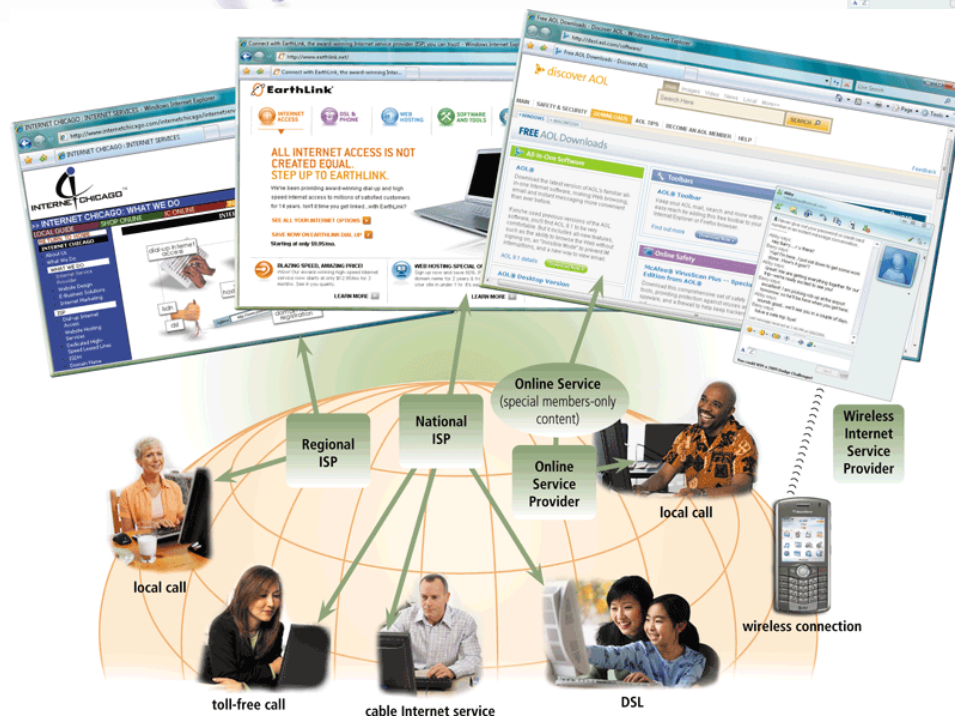
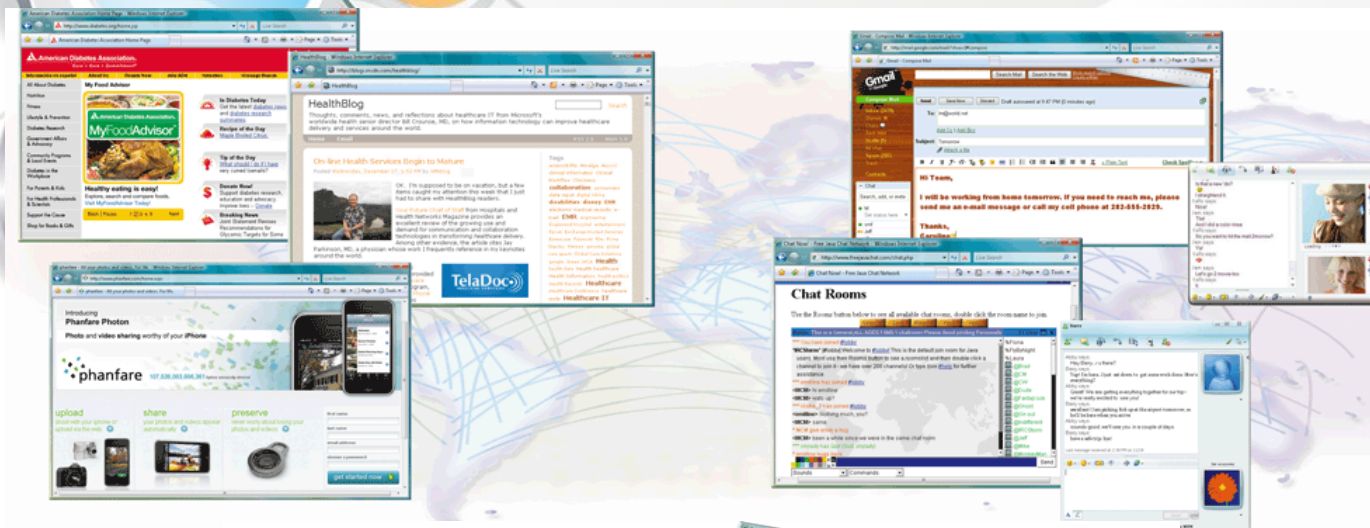
Pertemuan 2 Pemrograman Berbasis Web





Internet VS Web

- **Internet** merupakan kumpulan jaringan di seluruh dunia yang menghubungkan jutaan bisnis, pemerintahan, bisnis, institusi pendidikan, dan individu
- **World Wide Web**, atau **Web**, berisi kumpulan dokumen elektronik (**Web pages**) dari seluruh dunia





Internet

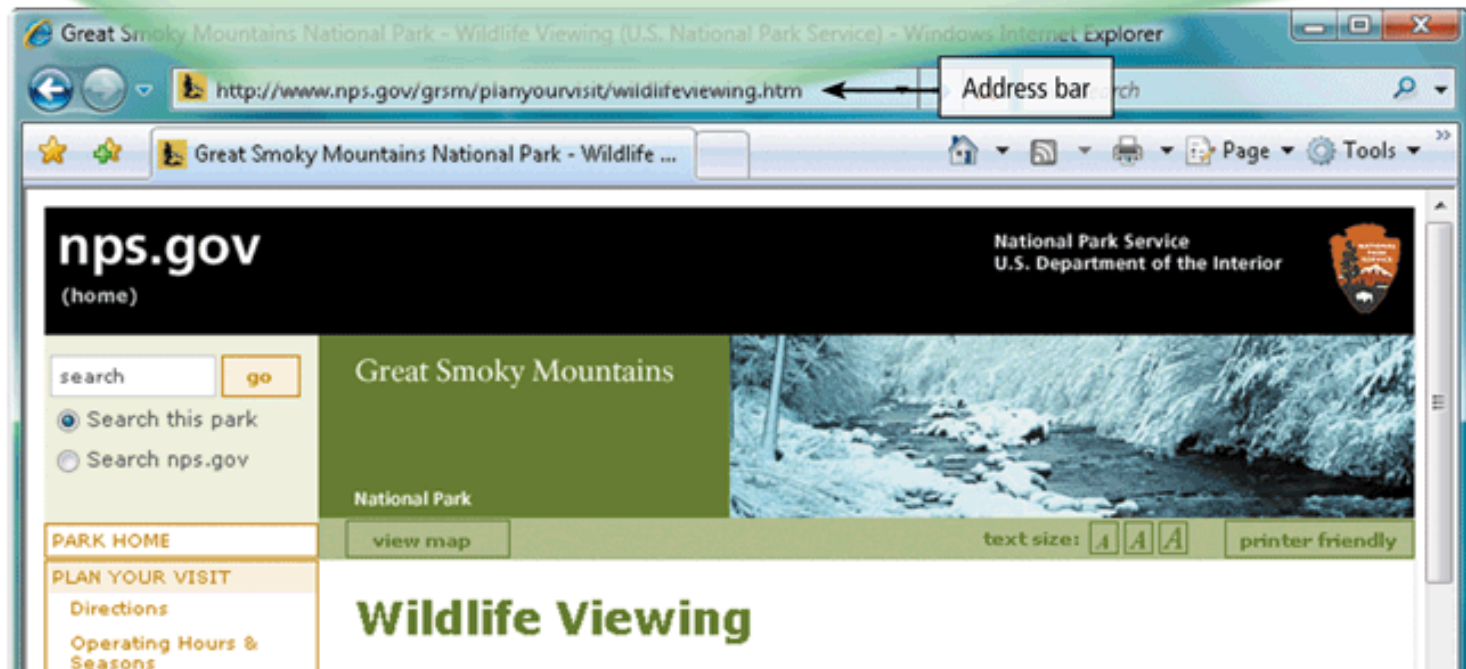
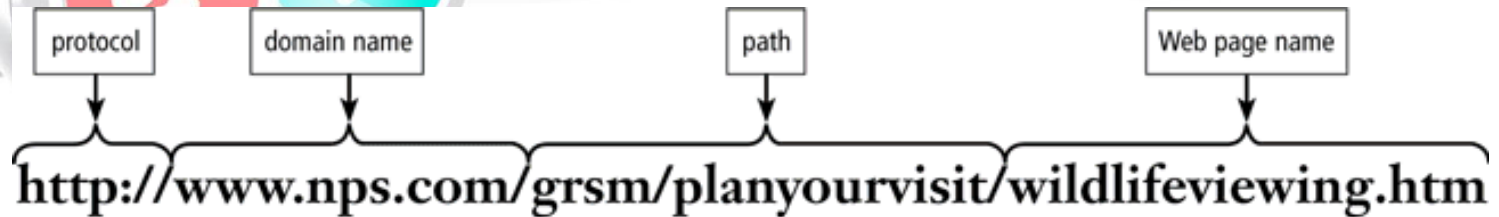
- **IP address** adalah angka yang secara unik mengidentifikasi tiap komputer/alat yang terhubung ke Internet
- **Domain name** adalah versi teks dari IP address
- **DNS server** menerjemahkan nama domain ke bentuk IP address yang sesuai

IP address —————→ 72.14.207.99

Domain name —————→ www.google.com

top-level domain —————→

Web Address



- 1989
- Sir Tim Berners-Lee
- Waring wena wanua
- **Web site** adalah kumpulan halaman Web dan hal-hal lain yang saling berhubungan
- **Home page**/beranda adalah halaman yang ditampilkan pertama kali ketika mengakses domain name



Web Server

- Hardware
Komputer dimana Web site di-*hosting*
- Software
Program yang menyediakan Web page sesuai *request*



Software Web Server



Apache





- Hardware
Komputer pengguna
- Software
Web browser/peramban





Internet
Explorer

Firefox

Opera

Safari

Google
Chrome

Client	Servers
Hardware	Hardware
	
Software	Software
	 Apache

Browser

Server

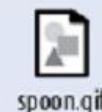
- 1 Type in a URL or click on a link in the browser.

http://www.jenskitchensite.com

- 2 The browser sends an HTTP request.

HTTP request

Server Contents



- 3 The server looks for the file and responds with an HTTP response.

HTTP response

index.html

"I see that you requested a directory, so I'm sending you the default file, index.html. Here you go."

- 4 The browser parses the document. If it has images, style sheets, and scripts, the browser contacts the server again for each resource.

Oops, no file

If the file is not on the server, it returns an error message.



kitchen.gif
spoon.gif
kitchen.css

- 5 The page is assembled in the browser window.



Netiquette



DO'S & DON'TS



Netiquette is the proper social convention of network communication according to community standards

Always treat others with courtesy and respect.

Reread your posts or emails to make sure they say what you intend.

Use emoji's can be used to help convey feeling.

Stay focused and stick to the topic.

Include a subject line in an email

Remember that you leave a digital footprint. So, be careful what you put out there!

Avoid writing in ALL CAPS!
It looks like you are shouting!

Don't use inappropriate language.

Don't violate copyright laws.
Make sure your work is your own or properly cited.

Don't send chain email.

Try to avoid sarcasm. It might be misinterpreted.

Don't respond to personal attacks.

