

Browsing the Web

Chapter 19

Objectives

- The students should understand
 - What is web?
 - What is the difference between the Internet and WWW?
 - Is the web safe?
 - Which browsers are most popular?
 - Common browser activities.
 - KFUPM Portal

What is the Web?

- ❑ The **web** (short for **world wide web**) is a collection of data that can be linked and accessed using HTTP.
- ❑ A **web page** is a specially coded document that can contain text, graphics, video and sounds.
- ❑ Each web page is assigned a URL (Universal Resource Locator) that uniquely identifies its location on the internet.
- ❑ Web pages are created using HTML (hypertext markup language), a set of specifications that a browser can display as web pages.

The Web and the Internet

- ❑ The Internet is a wide area network of local, regional, national and international computers.
- ❑ The Web is one of the services offered by the internet. The Web is a collection of documents linked together by hypertext links.
- ❑ Other services offered by the Internet are email, instant messaging, ftp, etc.

**Figure
19-2**

E-mail	Although some e-mail providers allow you to create and view e-mail messages using a browser, e-mail is not considered a Web-based service.
E-mail mailing lists	E-mail mailing lists, such as LISTSERV, allow groups to create and maintain lists of people interested in a particular subject. When an e-mail message is sent to the mailing list, it is routed to every mailing list participant.
Message boards and newsgroups	Message boards and newsgroups provide a place for people to post messages for others to read and reply to at their convenience. Messages posted to moderated newsgroups are subject to approval by a moderator before being released for public display. Unmoderated newsgroups allow any message to be displayed.
Chat rooms	Chat rooms allow real time communication between a group of people. People participate in chat rooms by typing messages that are displayed to all participants in the chat room.
Instant messaging	Instant messaging—or IMing—allows people to "chat" via typed messages in real time. AOL, Yahoo!, and MSN all offer instant messaging services.
FTP	FTP—short for file transfer protocol—allows people to send large files to one another over the Internet. Unlike e-mail attachments, files transferred via ftp rarely have size limitations.
Online Conferencing	Online conferences allow people to hold virtual meetings. Some online conferences include a computer-based presentation that participants follow as the presenter speaks. Other conferences use Webcams that allow participants to see the presenter and other participants.

Is the web safe?

- ❑ Most commercial websites *encrypt* information sent to and from the site.
- ❑ URLs for secure Web connections begin with `https` instead of `http`.
- ❑ Most browsers indicate a secure site with a padlock icon.

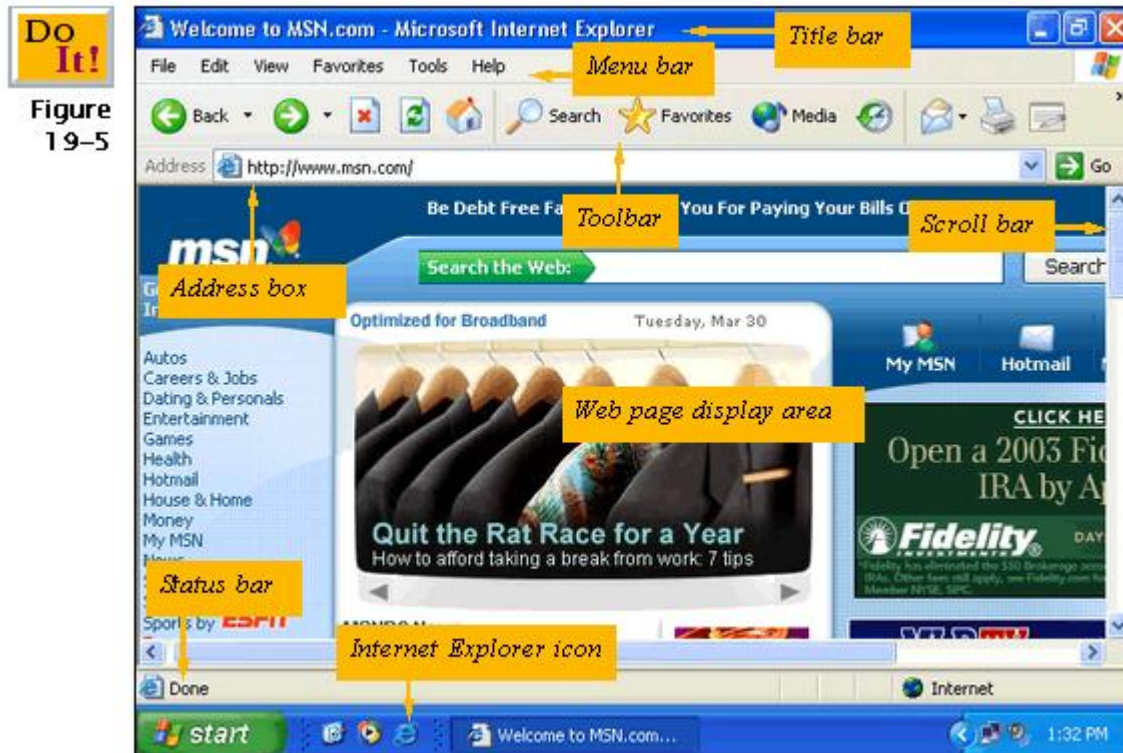
Figure 19-3



Browsers

- A browser is a program used to access the Web.
- Popular browsers are:
 - Microsoft Internet Explorer
 - Mozilla
 - Opera.

How do I start my browser?



How do I use a URL to go to a website?



How do I use links on a web page?

Do It!

Figure 19-7

The screenshot shows the Microsoft Internet Explorer browser window displaying the MSN.com homepage. The address bar shows the URL <http://www.msn.com/>. The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help), a toolbar with navigation buttons (Back, Forward, Stop, Refresh, Home, Search, Favorites, Media), and a search bar. The main content area features a navigation menu on the left with links like 'Careers & Jobs', 'Dating & Personals', 'Entertainment', 'Games', 'Health', 'Hotmail', 'House & Home', 'Money', and 'My MSN'. A central banner ad for 'Attention Homeowners' is visible, along with a 'MSNBC News' section. The status bar at the bottom shows the current page URL: http://g.msn.com/0U5Is5.31472_315529/67.c3628/4??cm=LeftNav1.

Most links are shown as underlined text.

The pointer changes to a hand shape when positioned over a link. Clicking the link tells your browser to load and display the page.

Your browser displays the link's URL on the status bar.

Graphics, such as this banner ad, can also be links to other Web pages.

How do I search for information on the web?

- Using Search tools
 - www.yahoo.com
 - www.google.com
- Searching with keywords
- Combining keywords with AND or +
- Searching for specific text using quotation [“
“]

Stop and Home Buttons

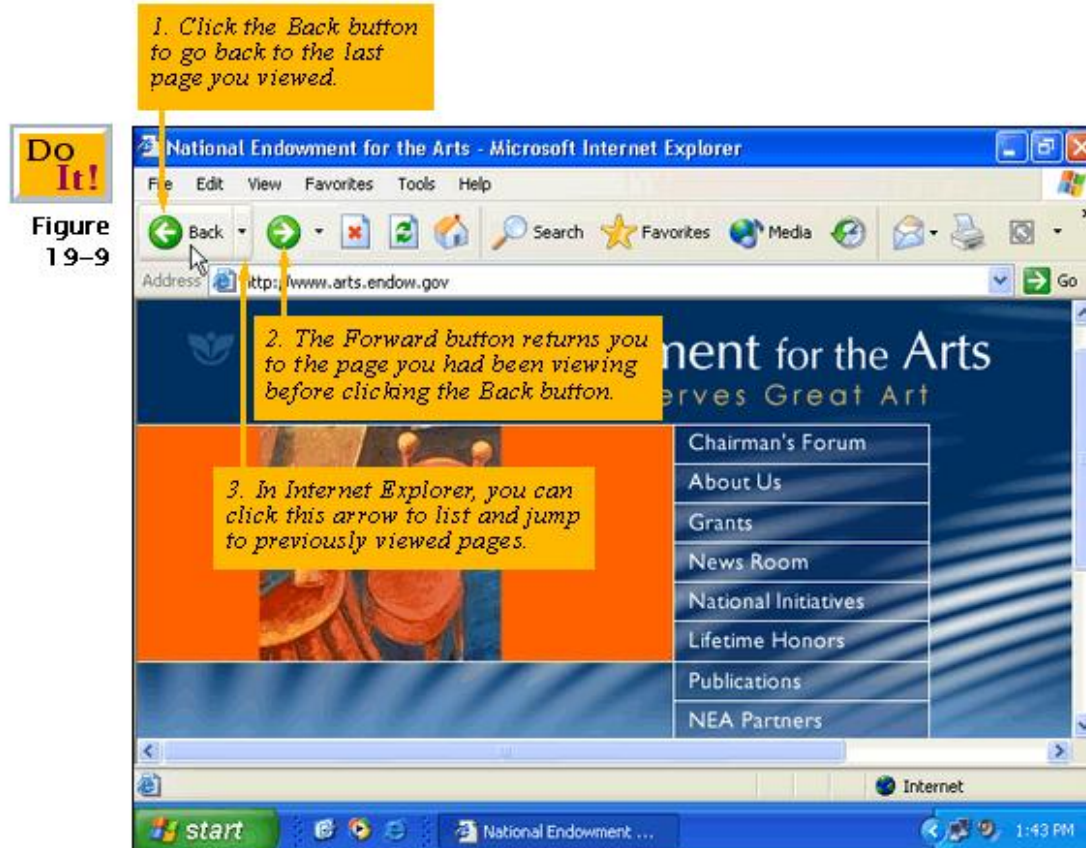
Figure
19-8



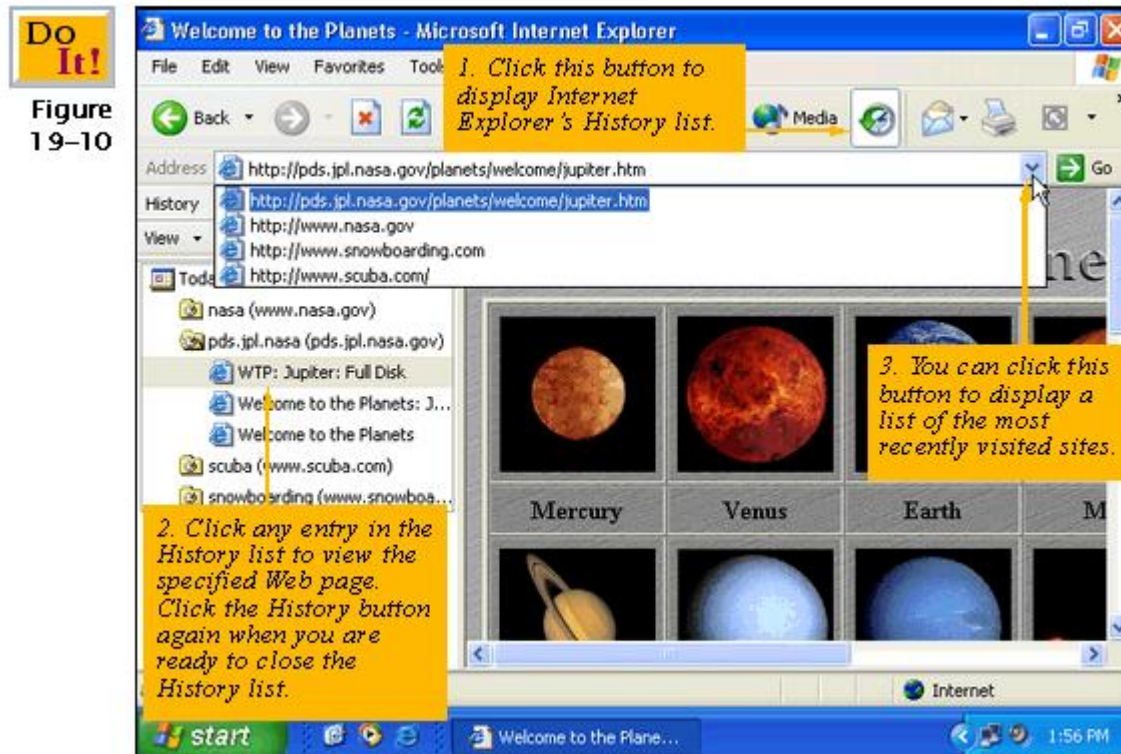
If a page takes too long to load, click the Stop button to stop the loading process.

Click the Home button to return to your browser's home page.

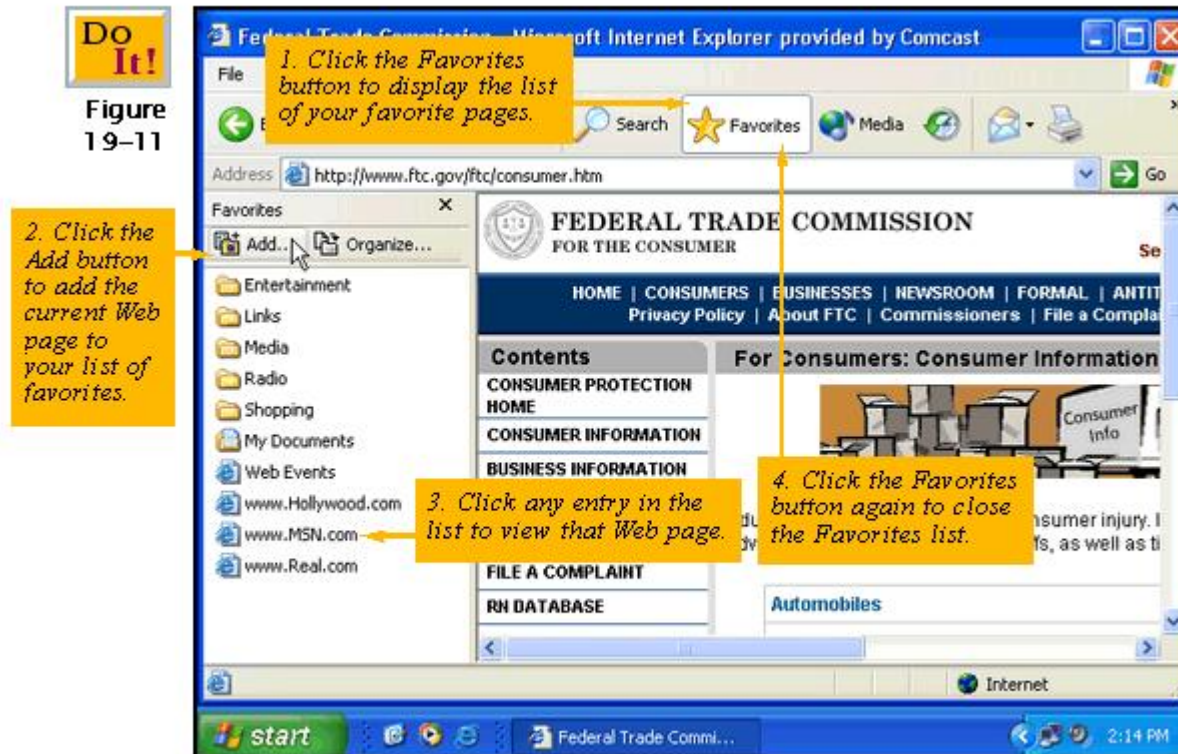
Back and Forward Buttons



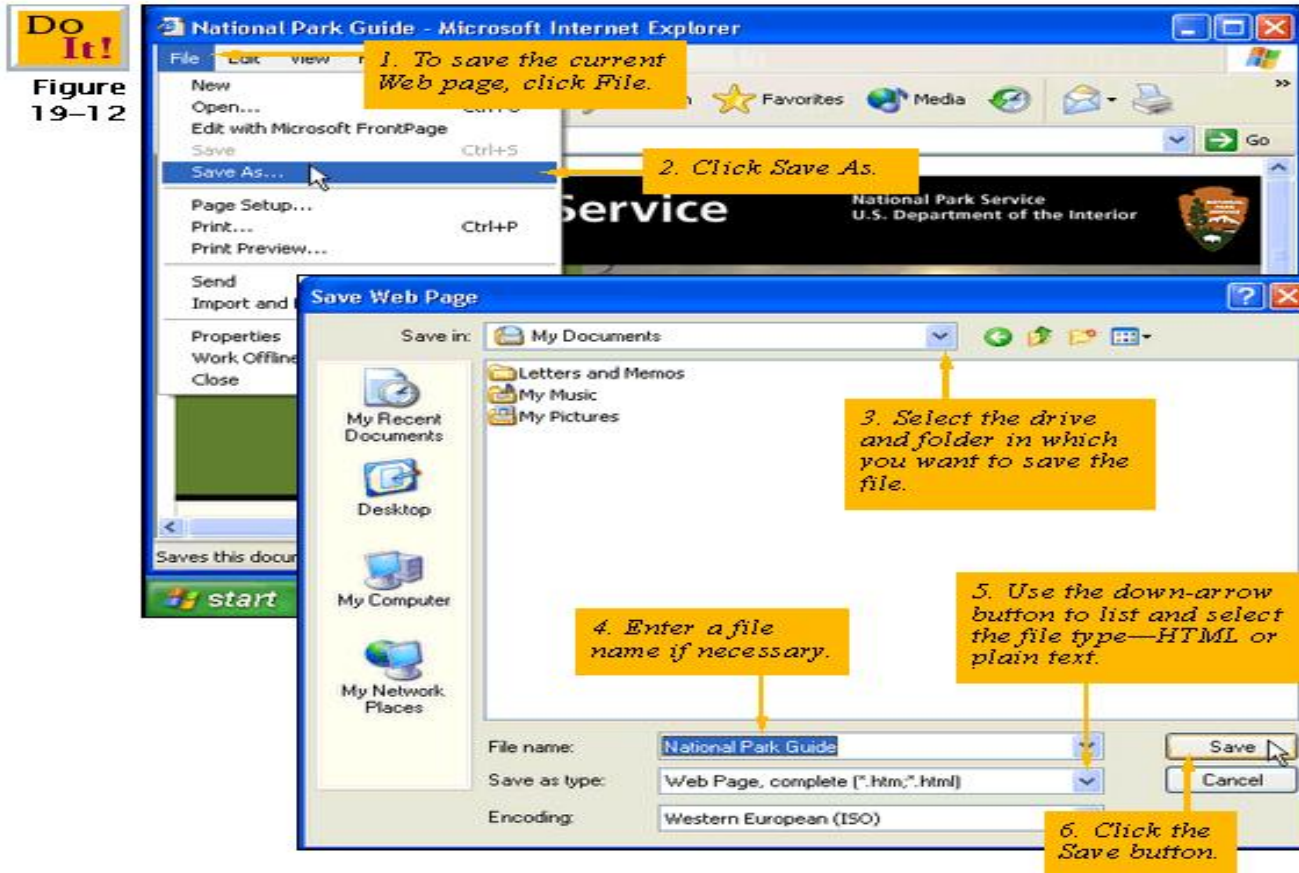
The History List



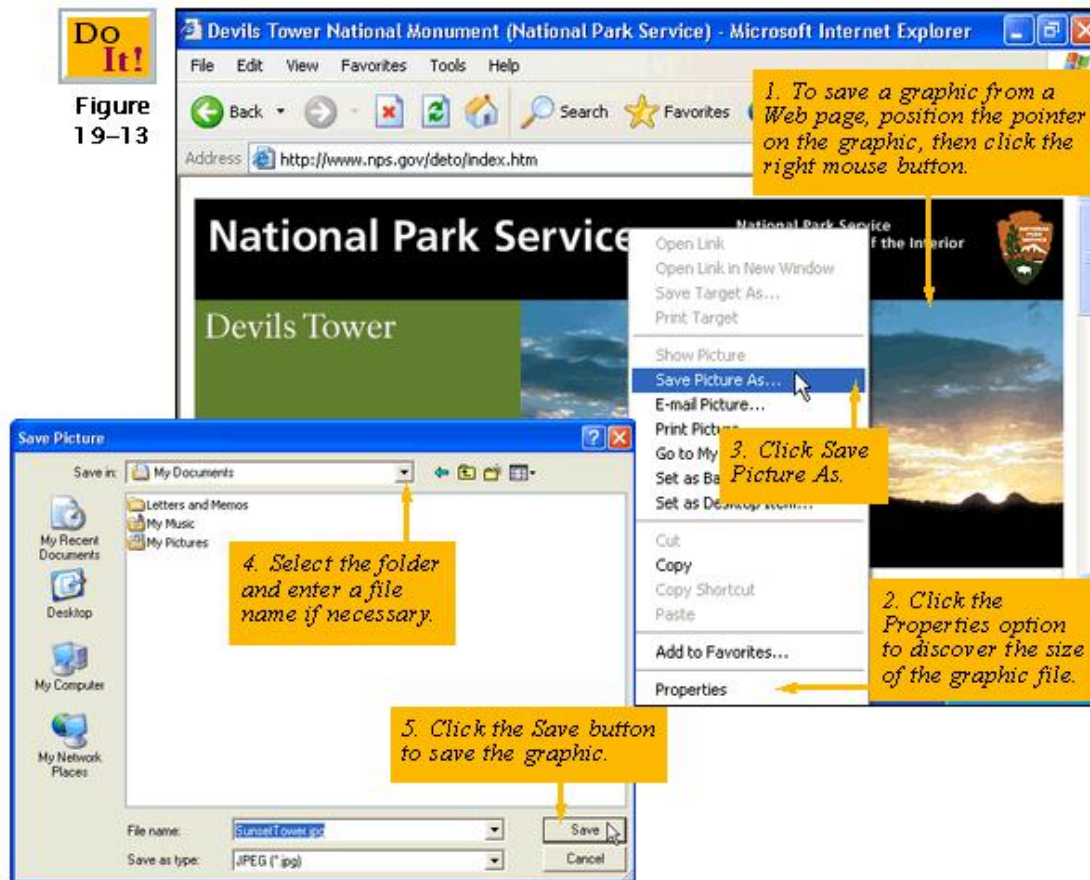
Favorites



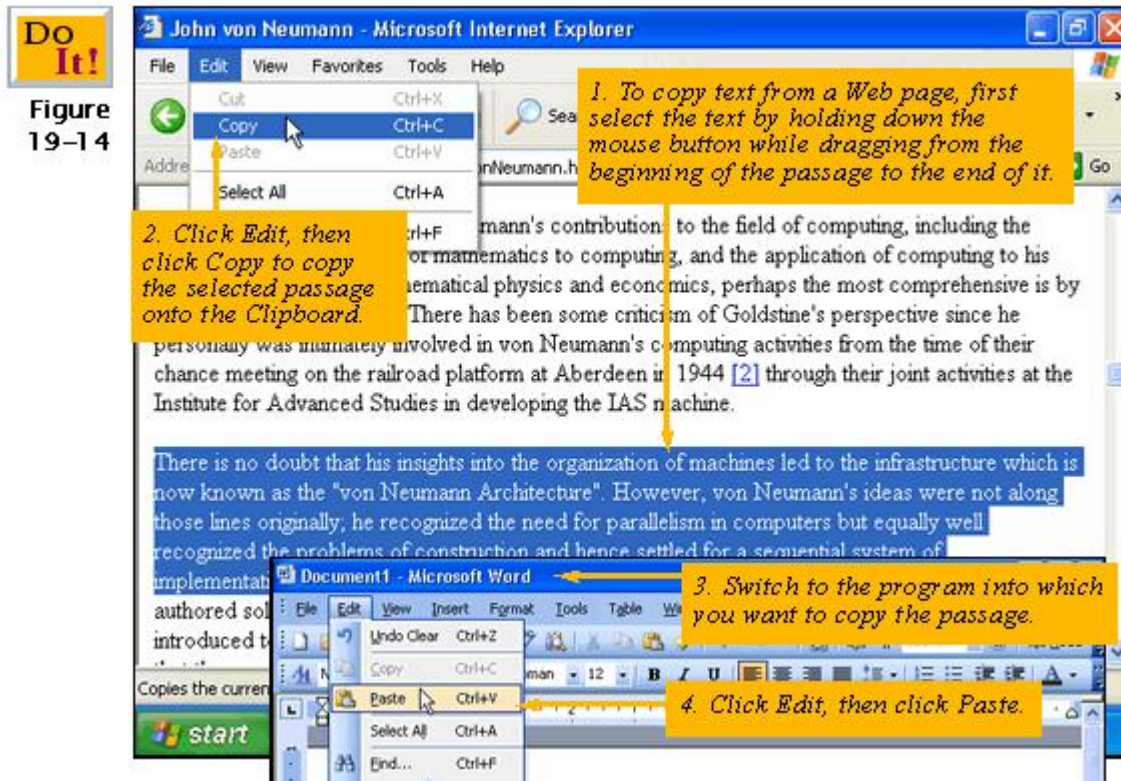
Saving a Web page



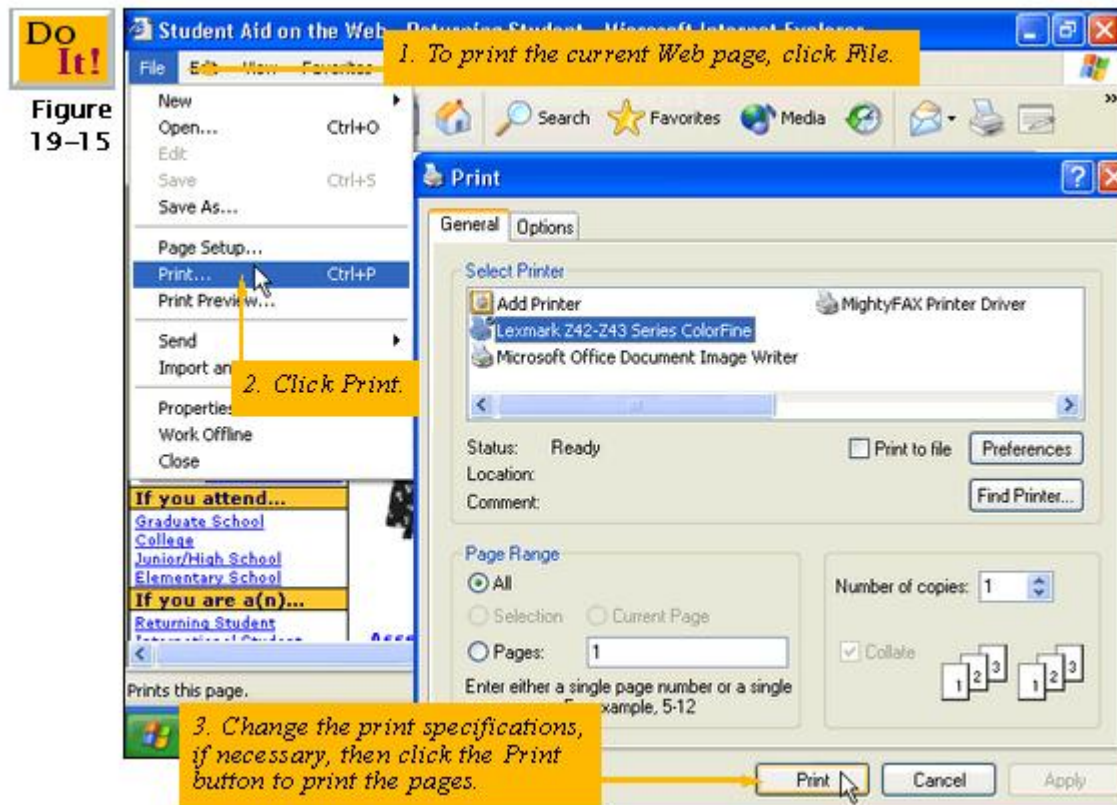
Saving a graphic



Copying Text from a Web page



Printing a Web page



Downloading Software

Do
It!

Figure
19-16

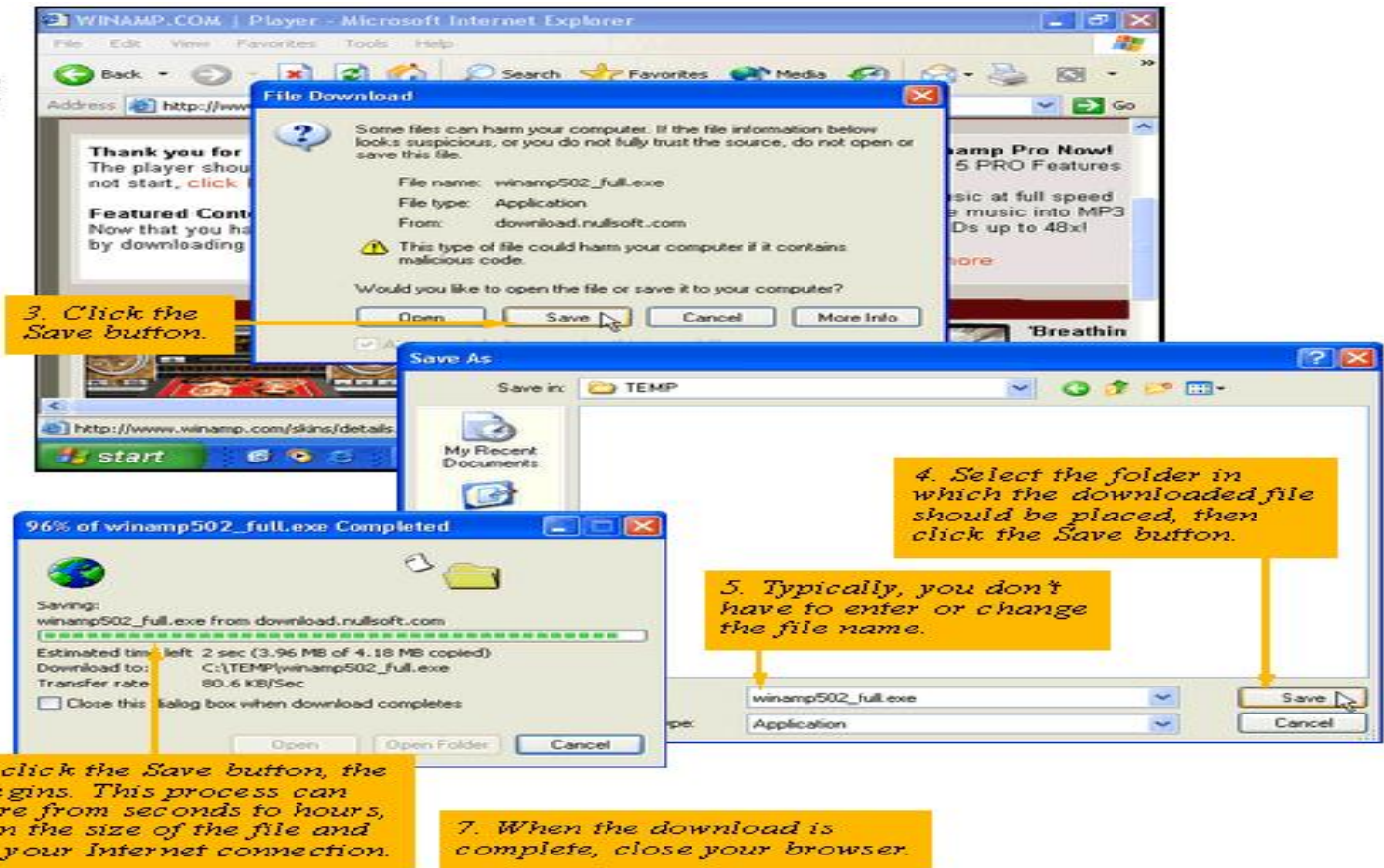
The screenshot shows a web browser window displaying the Winamp website. The browser's address bar shows <http://www.winamp.com/>. The website content includes a large image of the Winamp 5.02 player interface, a cartoon character holding a megaphone, and a prominent "DOWNLOAD Winamp 5 Now!" button. Below the main image, there is a list of features and a "Skins" section. Two yellow callout boxes provide instructions: the first points to the download button, and the second points to a registration requirement.

1. Typically, you'll click a link to download a program from a Web site.

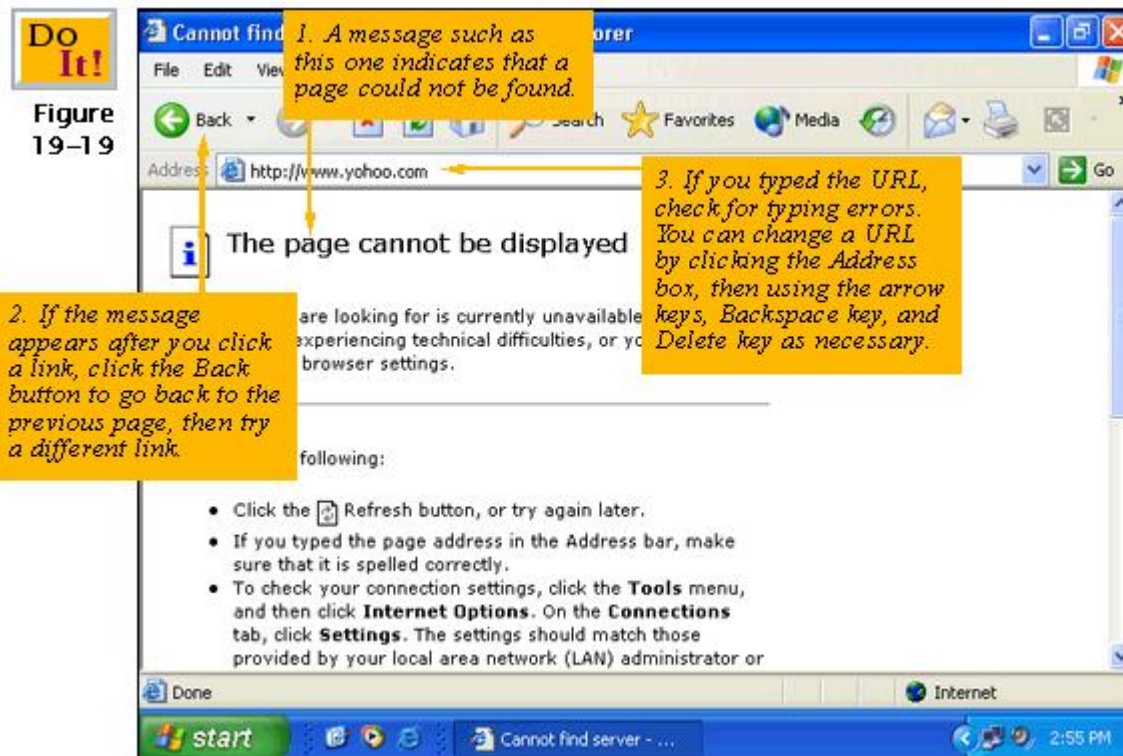
2. You'll sometimes have to register before downloading the file.
(continued on next page)

Downloading Software

Figure 19-17



Error Message



KFUPM Portal



Secure Login

User Name:

Password:

Enter Your Email Username/Password.

Quick Help

[Why doesn't my username work?](#)

[How do I get a user ID and password?](#)

[Is this secure?](#)

[Why doesn't the lock appear in my browser when I'm on the login page?](#)

[What browsers are supported?](#)

[How to load Raed as your homepage?](#)

For Help



information you need...
all in one place

We are very pleased to announce that Raed Business System is now operational now. You may login to the system through the system in the upper left corner, and then choose e-business.

What's Inside?

Single Sign-on to access the following services

- Email
- Calendar
- Financial Information
- Telephone Bill
- Health Care
- WebCT
- Academic and Social Groups
- Library
- Research
- News & Announcements

MyKFUPM tab

[My Account](#)
[Content/Layout](#)

Welcome **MOHAMED SALEEM**

You are currently logged in.

MyKFUPM

[Library](#)

[Life @ KFUPM](#)

[Research](#)

[IT Corner](#)

[eBusiness](#)

[My Services](#)

[Academics](#)

[Sample](#)

My Calendar

You have 0 events in your calendar today

Bookmarks

- [JA-SIG Homepage](#)
- [SCT Homepage](#)

My Space

My Web Folder

Access your home folders online now through Network Attached Storage. This is the Filer application.

My Personal Website

Access your personal website

My E-mail Inbox

INBOX folder has (0) messages, (0) unread

hmsaleem@kfupm.edu.sa

You currently have no messages.



[Get Mail](#)



[Compose](#)



[Address Book](#)



[E-mail](#)

My E-Business Notifications

Most Recent Notification(s)

Notification
Date

Personal Announcements

- [Saudi-French Workshop on Civil Engineering](#)
- [Service Awards for 10, 20, 30, 35 and 40 years](#)
- [Asphalting Work in Al-Rabee & Al-Rayyan Courts](#)


Campus Announcements

- [Fire Prevention Tips](#)
- [New Emergency Number Service](#)
- [Reserved Parking Policy Announcement](#)

Library tab

MyKFUPM **Library** Life @ KFUPM Research IT Corner eBusiness My Services Academics Sample


About KFUPM Library



Library Home
It is centrally located in Building 8, within a short walking distance from most classrooms and laboratories. It has an available floor space of nearly 7000 square meters. It is an "open stack" library, allowing users free access to its resources. Reading areas are provided on the first, third, and fourth floors.

[General Information](#)
[Library Publications](#)
[Library Hours](#)
[Staff Directory](#)

Horizon Information Portal



My Library Account
KFUPM uses the Horizon Information Portal as its Library Information System. Go here to check your dues and renew your books.

My Catalog Search
Your personalized search to publications and online references

Electronic Resources

[Electronic Databases](#)
[Electronic Journals](#)
[Multimedia Encyclopedia](#)
[Electronic Books](#)

Online Catalogs

[Horizon Catalog](#)

Life @ KFUPM tab

MyKFUPM Library **Life @ KFUPM** Research IT Corner eBusiness My Services Academics Sample

KFUPM Colleges & Departments


- College of Sciences (CS)**
 - Chemistry Dept (CHEM)
 - Earth Sciences Dept (ES)
 - Islamic & Arabic Studies Dept (IAS)
 - Mathematical Science Dept (MATH)
 - Physics Dept (PHYS)
- College of Engg Sciences (CES)**
 - Chemical Engg Dept (CHE)
 - Civil Engg Dept (CE)
 - Electrical Engg Dept (EE)
 - Mechanical Engg Dept (ME)
 - Petroleum Engg Dept (PET)
 - Aerospace Engg Dept (AE)
- College of Computer Sciences & Engg (CCSE)**
 - Computer Engg Dept (CED)

My Healthcare Bill

Recent Treatment(s) this Month	Issue Date	Total Charges
Current total for this Month:		SR

Campus Map

[Click Here](#)
The KFUPM sitemap, shows all major parts of our campus. Some sections of the MAP image are links that give detailed descriptions.




[Virtual Tour](#)
[Our Location](#)


Housing Facilities


[Housing Calendar](#)

IT Corner tab

IT Corner eBusiness My Services Academics Sample March 7, 2007





to
pdf format



ITC Helpdesk

[Click here to Access your Account](#)
Your one account to access, create and manage your service requests.




Location - Building 14 Room 135

Software Consultation - 3991
User Support - 3916
E-Mail - itc.help@kfupm.edu.sa

Timings
8.00 AM to 12.00 PM
1.00 PM to 4.00 PM
On All Working Days

Software Downloads

[Click Here](#)
The site <http://soft.kfupm.edu.sa> maintains a collection of software related to the university. It contains the latest updates for your computer's operating system, software, and hardware. Links on other this page for downloads.



My Services tab


The screenshot shows a navigation bar with tabs: MyKFUPM, Library, Life @ KFUPM, Research, IT Corner, eBusiness, My Services, and A. The My Services tab is active. Below the navigation bar, there are three main sections:

- My Quick Links** (with window control icons):
 - [WebCT](#)
 - [Faculty Information Systems](#)
 - [Faculty Teaching Evaluation System](#)
 - [change your Email \(LDAP\) password](#)
 - [KFUPM Filer](#)
 - [Personal Home Pages](#)
 - [Change Windows Domain Password](#)
- My Forms**:
 - [Grant Approval Form](#)
 - [KFUPM SHORTCOURSE COMMUNITY MEMBERSHIP](#)
- Faculty Handbook**:
 - [Faculty Handbook](#)
 - The Faculty Handbook, Online Edition Deanship of Academic Development King Fahd University of Petroleum and Minerals Dhahran, Saudi Arabia July 2006

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Academics tab

KFUPM **Research** **IT Corner** **eBusiness** **My Services** **Academics** **Sample**

My WebCT (Link) 

[Click here to](#)
Access your WebCT Courses



Faculty Information System 

[Click Here](#)
Access your Faculty Information System Account.

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Summary

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