

Subject :	SEHH1016 Introduction to Internet Technology
Lab/Tutorial :	<u>Tutorial 01- Into the Internet</u>

Web Browser – Mozilla Firefox

A Web browser is a software application on a user's PC that is used to request web pages from a web server in the Internet. The browser requests a web page by sending a URL (uniform resource locator) to the **server** over the Internet. A URL is an address for a web page file or other resources in the Internet. One example of a web browser is Mozilla Firefox, which we will use in this tutorial.

The Firefox is a free and open source web browser managed by Mozilla Corporation. It is the second-most popular browser after Internet Explorer.

To download Firefox, go to <http://www.mozilla.com/en-US/firefox/>

Using Firefox

1. Download the Firefox installation file from the link above.
2. Double-click the installation file and follow the installation steps.
3. Launch Firefox, type in a URL in the address bar and view the web page.
4. Try the tabbed browsing in Firefox: right-click a hyperlink in a web page and select **Open Link in New Tab**. (Note: you can also open a web page in a new tab by clicking the middle button of the mouse when the mouse pointer is over the hyperlink.)

Customizing the interface of Firefox

You can customize the interface of Firefox in a number of ways. One of the ways is to add or remove icons on the **Navigation Toolbar**. The steps are as follows:

1. Move your mouse pointer above the Navigation Toolbar, and right-click. Select **Customize....**
2. In the panel shown, you can drag or remove icons to and from the Navigation Toolbar. Also, you can change the size of the icons on the toolbar. Try to customize your own Navigation Toolbar.

Another way to customize the Firefox is to add the “Add-on” functions into the Firefox. The Add-on can be found from the web: <https://addons.mozilla.org/en-US/firefox/>.

The Add-ons are grouped into different categories, each of which is specific to a particular function. We will try to change the theme of Firefox in the coming exercise.

1. Go to the above link for the Firefox Add-on, choose “Themes” from the panel at the left hand side of the page, or use search to find “Themes”.
2. Navigate the page to choose a theme that you like from the available themes.
3. Add the theme to the Firefox. You may need to restart Firefox after adding the theme.

You can try to add other Add-on into the Firefox. If you want to remove the included Add-on, follow these steps.

1. From the **Tool** menu bar, choose **Add-on**.
2. Click on the target Add-on. You can either disable it or uninstall it.

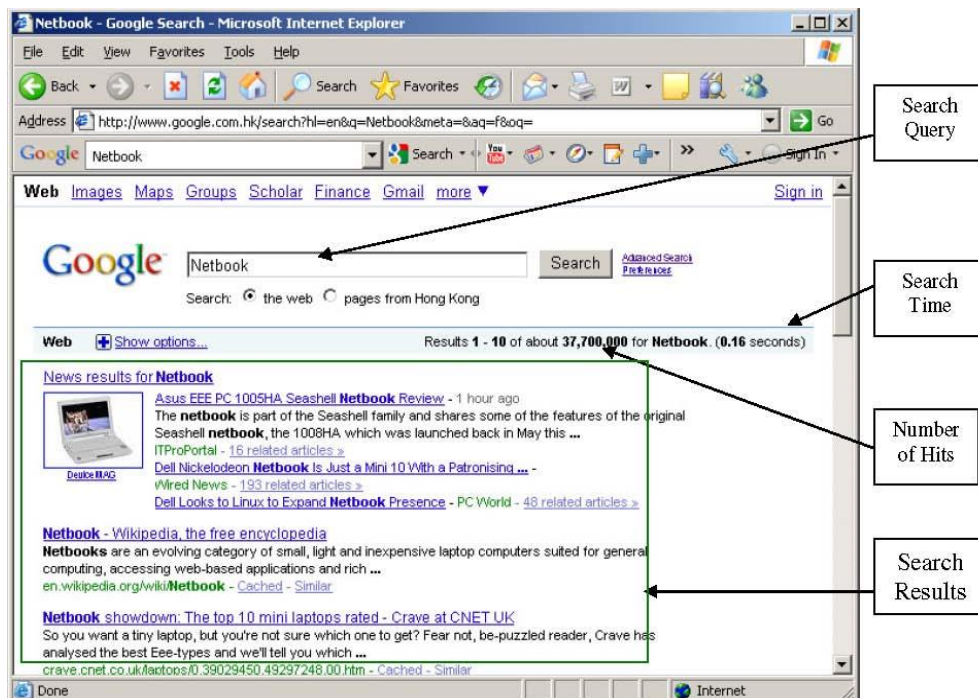
Searching from the Web

A Web search engine is a tool for searching information in the World Wide Web. Below is the list of several example search engines available in the web:

- <http://www.google.com>
- <http://www.yahoo.com>

In this part, we will try searching from the web using Google.

1. Start a Web browser.
2. Type the URL in the address bar: <http://www.google.com>
3. Type your search text: “Netbook” in the searching text box.
4. Submit your search by clicking “Google Search”.
5. Note the number of hits.
6. Compare the number of hits and the searched results using the three sets of search text below:
 - (a) Netbook
 - (b) Lenovo Netbook
 - (c) “Lenovo Netbook” (with quotes)



For advanced searching, click the “Advanced Search” link beside the Search button.

7. Try to find the web pages that have either the text “Lenovo” or “Netbook”.
 - (a) Note the search text formed by Google
 - (b) Compare the number of hits with step 6(b) above.
8. Try to find the web pages that have the exact phrase “Lenovo Netbook”, but not the text “Notebook”. Note the number of hits and the search text formed by Google.
9. Think of a search text if you want to find some netbooks manufactured by either Lenovo or Fujitsu.

Introduction

A Web browser is a software application on a user's PC that is used to request web pages from a Web server on the Internet. The browser requests a Web page by sending a URL (uniform resource locator) over the Internet to the server. A URL is an address for a Web page file or other resource on the Internet. An example of a URL is:

https://www.hkcc-polyu.edu.hk/filemanager/newsletters/common/upload/2/41/HKCC_newsletter_Vol46.pdf

Protocol: _____
Server: _____
Path: _____
Filename: _____

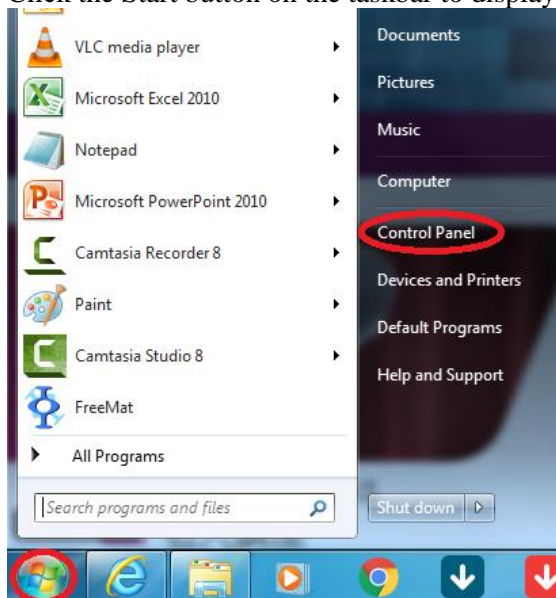
AutoComplete Feature

Internet Explorer keeps track of the URLs you enter in the Address or Location Box. If you have entered information into an Address Box or text box in the past, the browser provides you with a drop down list of previous entries from which you can choose, or the browser will complete the entry for you.

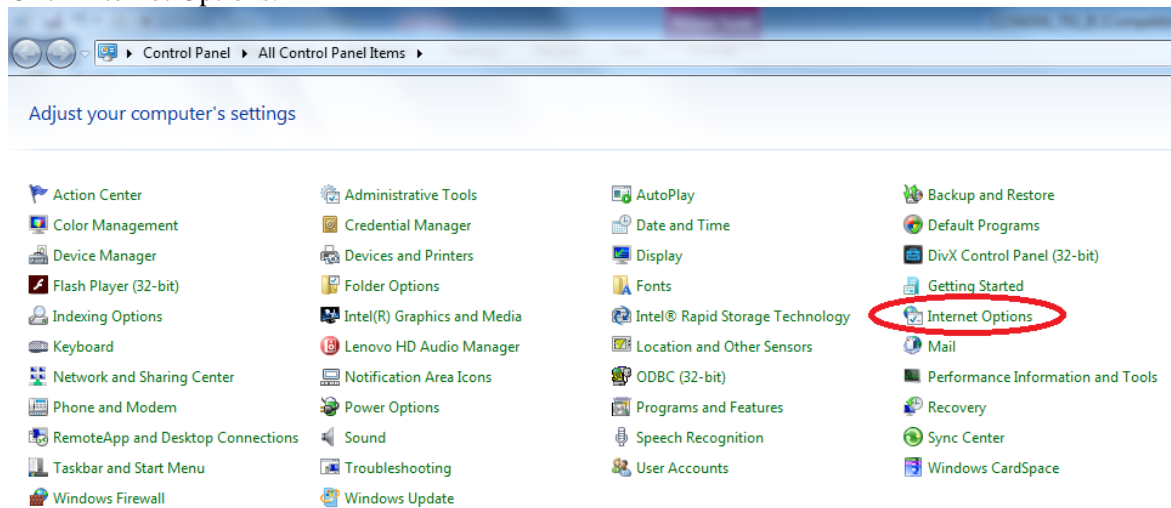
The AutoComplete feature might not be desirable if several users share the PC, because it can remember URLs and user information, including usernames and passwords.

To customize AutoComplete, follow these instructions:

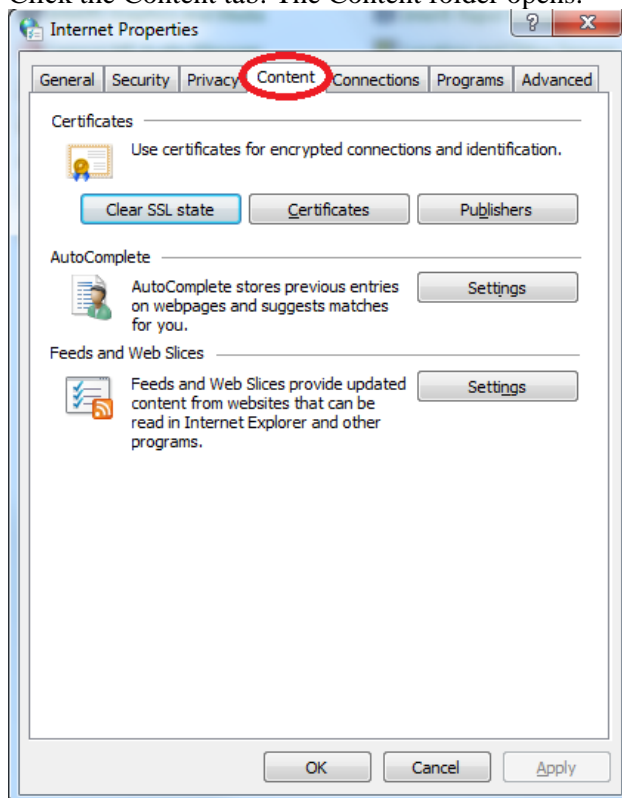
1. Click the Start button on the taskbar to display the Start menu, and then click Control Panel.



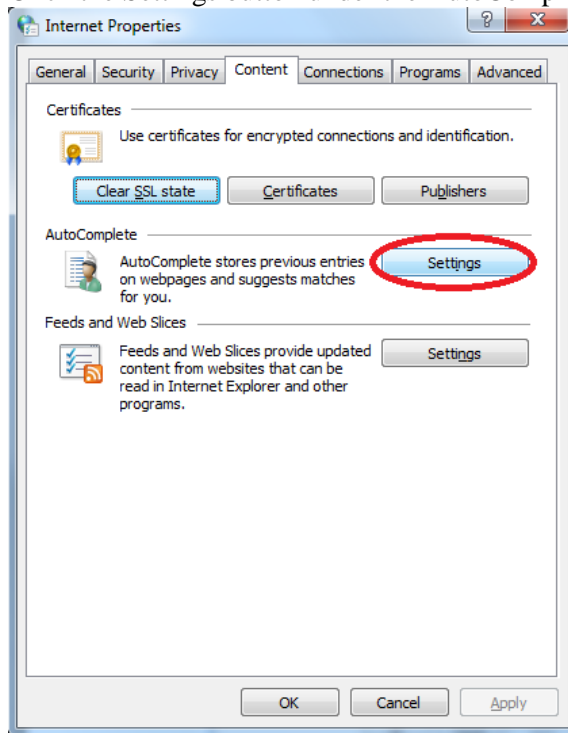
2. Click Internet Options.



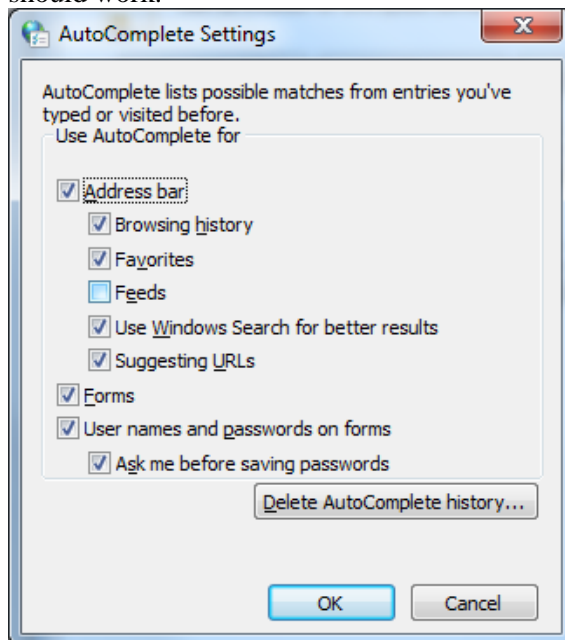
3. Click the Content tab. The Content folder opens.



4. Click the Settings button under the AutoComplete section.



5. The AutoComplete Settings dialog box opens. In this dialog box you can customize the AutoComplete feature by checking different checkboxes that determine when AutoComplete should work.




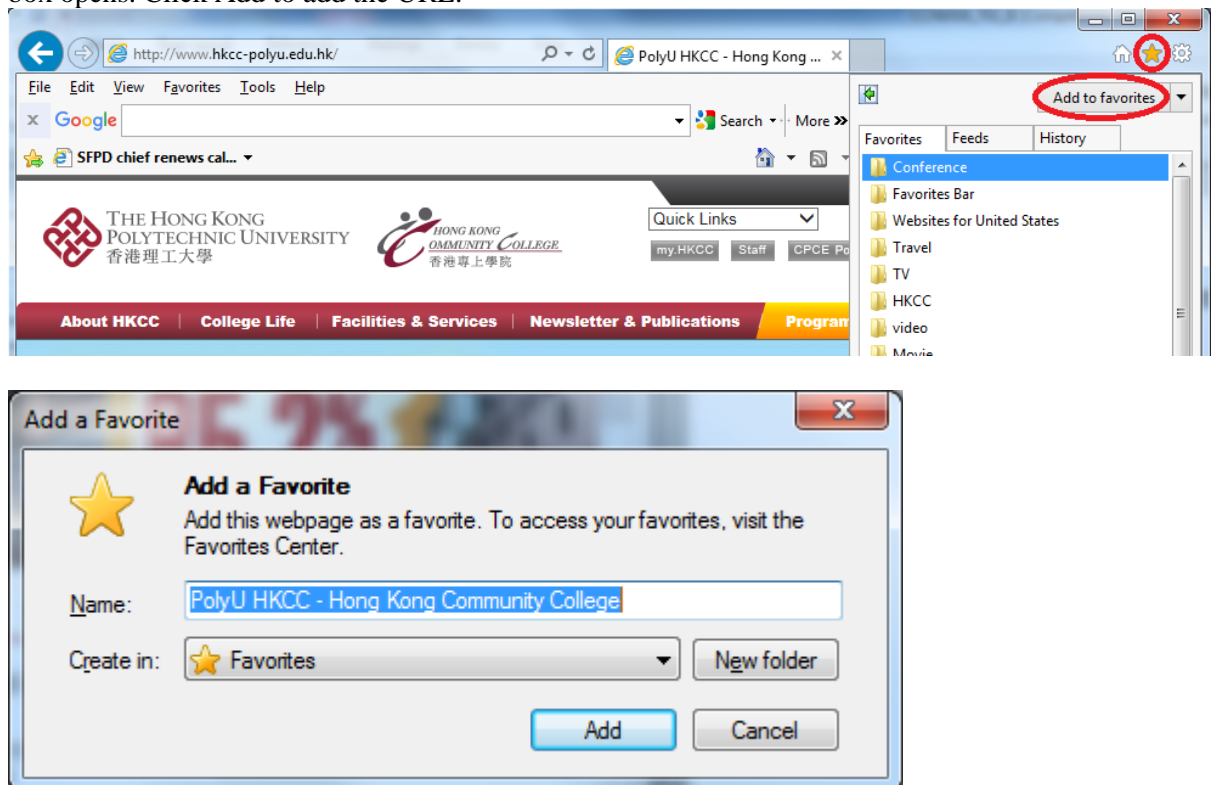
6. Click OK to close the AutoComplete dialog box, then click OK to close the Internet Properties dialog box.

Favorites

To add a page to your list of favorite pages

You can save a Web page so that you can view it later. Internet Explorer adds the page to a list of your Favorites. To add a URL to your list of Favorites in Internet Explorer, follow these directions:

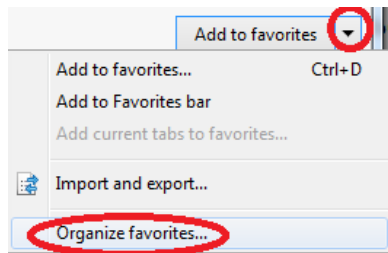
1. Make sure Internet Explorer is showing the Web page that you want to add to your list of Favorites. The URL should be visible in the Address box.
2. Click Favorites  on the menu bar, then click Add to Favorites. The Add a Favorite dialog box opens. Click Add to add the URL.



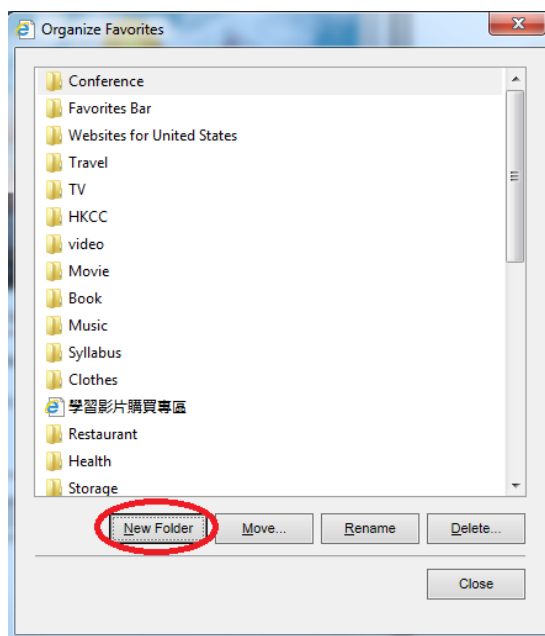
To organize your favorite pages into folders

As your list of favorite pages grows, you can keep it organized by creating folders. You might want to organize your pages by topic. For example, you could create a folder named Art for storing information about art exhibits and reviews.

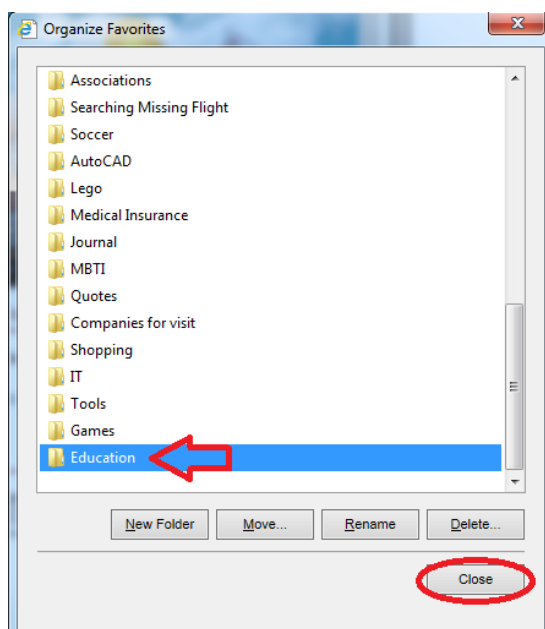
1. On the right side of **Add to Favorites** button, click the arrow, then choose **Organize favorites**.



2. Click **New Folder**



3. Type a name for the folder, and then press **Close**.



4. Drag the shortcuts (or folders) in the list to the appropriate folders.

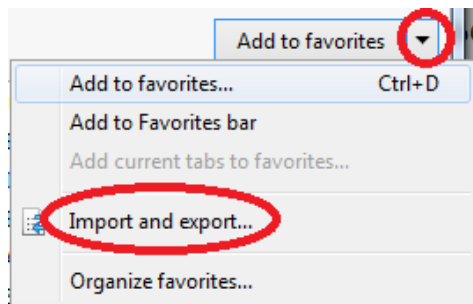
Sharing favorites

Favorites are a convenient way to organize and link to Web pages that you visit frequently.

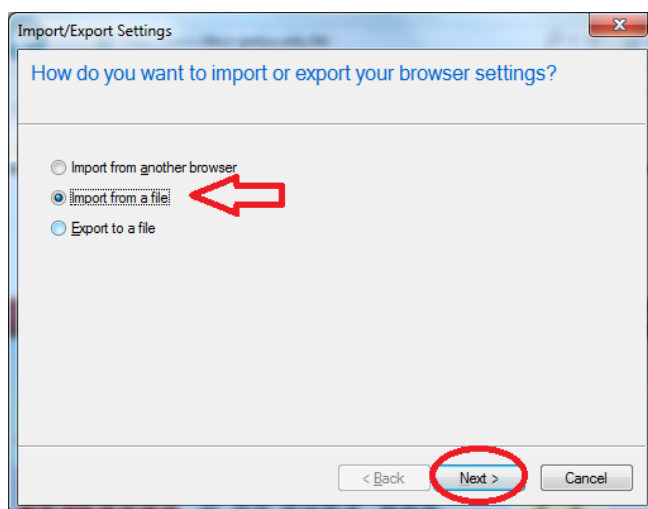
If you use Internet Explorer on several computers, you can easily share favorite items among computers by importing them. Also, you can keep your favorites up-to-date with each other by importing them between programs.

To import favorites,

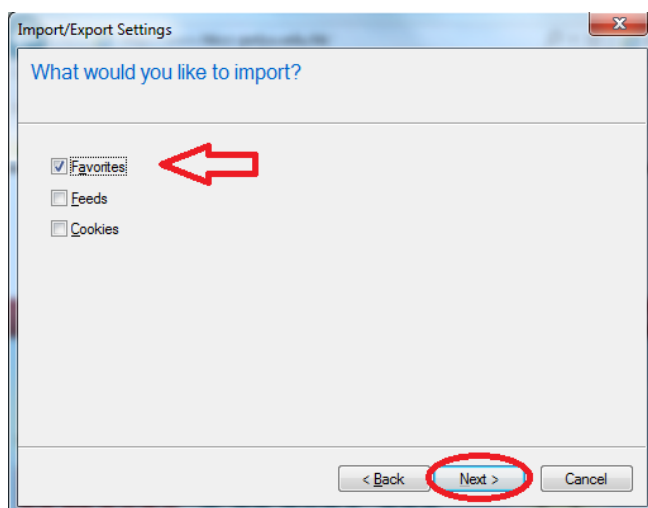
1. On the right side of **Add to Favorites** button, click the arrow, then choose **Import and export**.



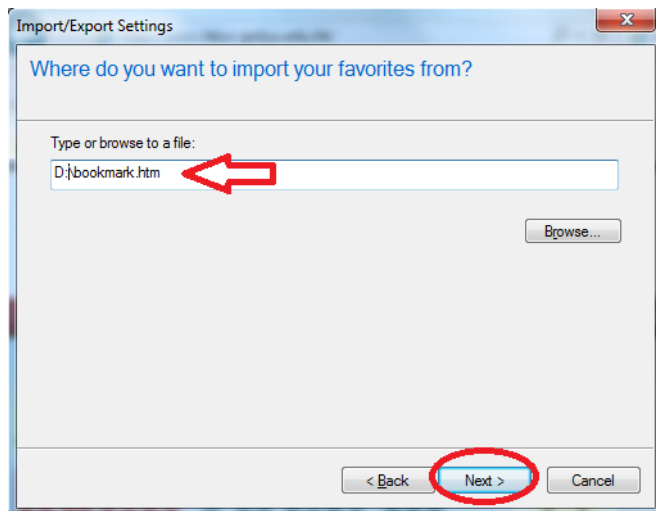
2. Choose **Import from a file**, then click **Next**.



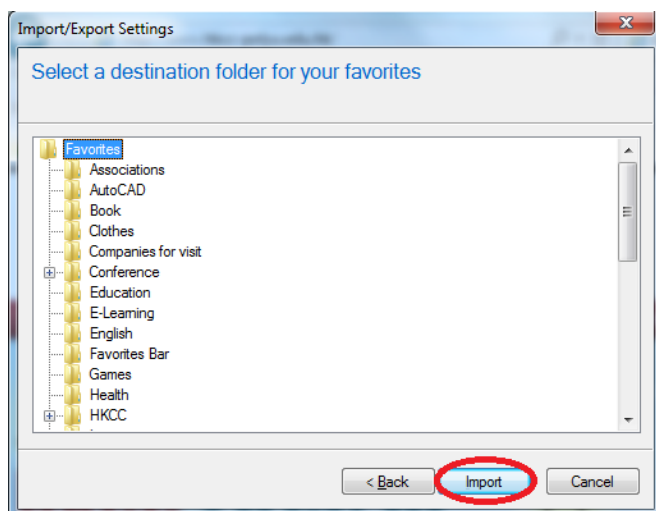
3. Click **Favorites**, then click **Next**.



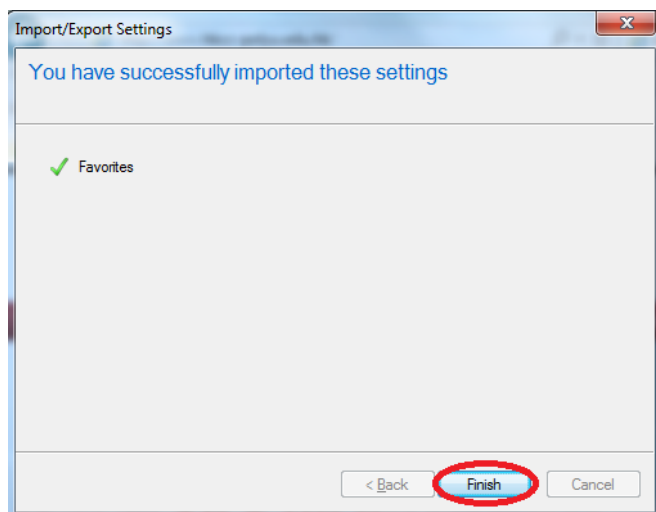
4. Click **Browse** to locate the Favorites file, then click **Next**.



5. Then, click **Import**.

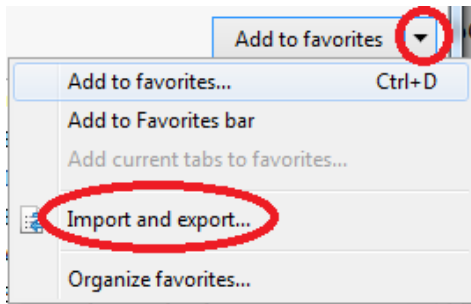


6. After importing the Favorites file, click **Finish**.

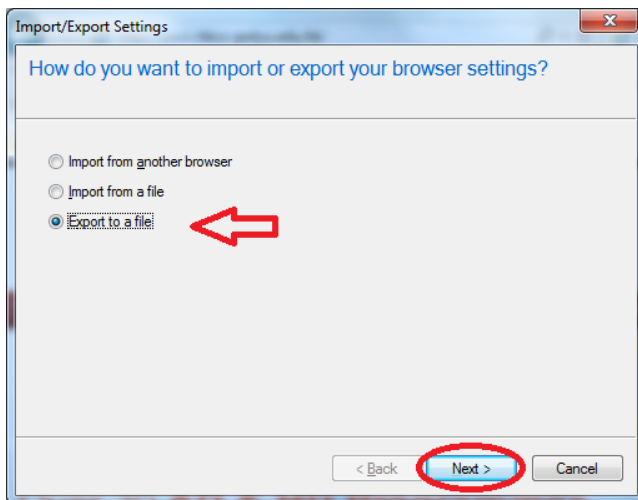


To export favorites,

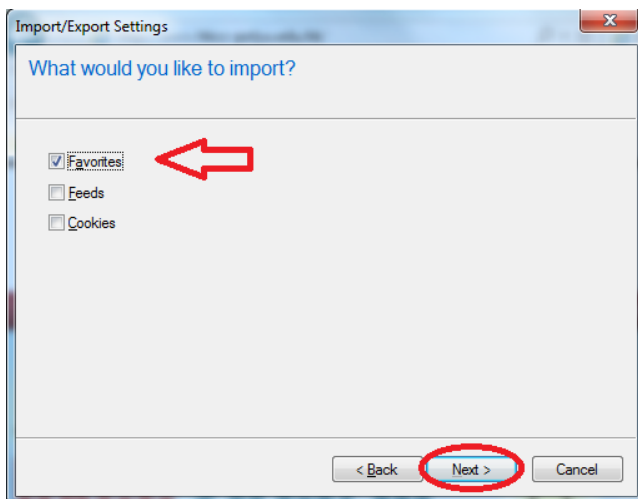
1. On the right side of **Add to Favorites** button, click the arrow, then choose **Import and export**.



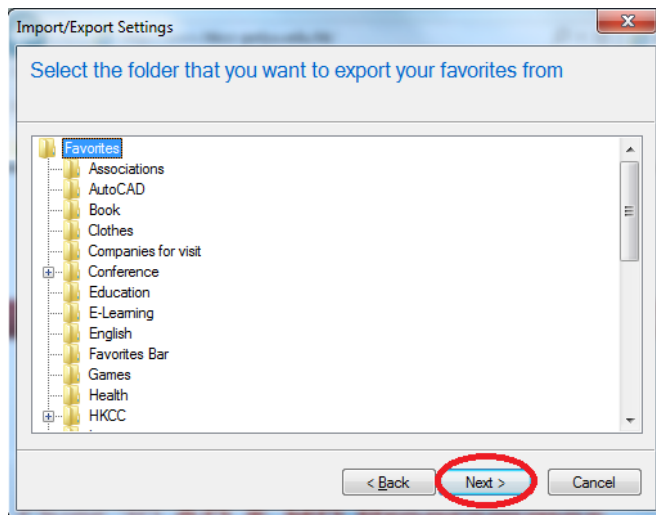
2. Choose **Export to a file**, then click **Next**.



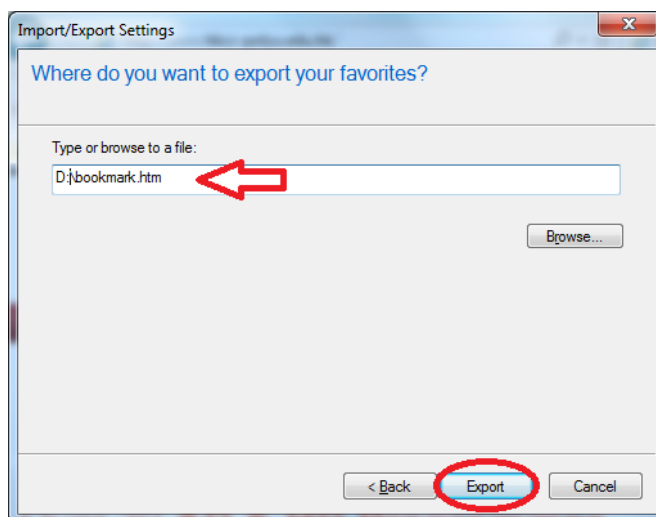
3. Click **Favorites**, then click **Next**.



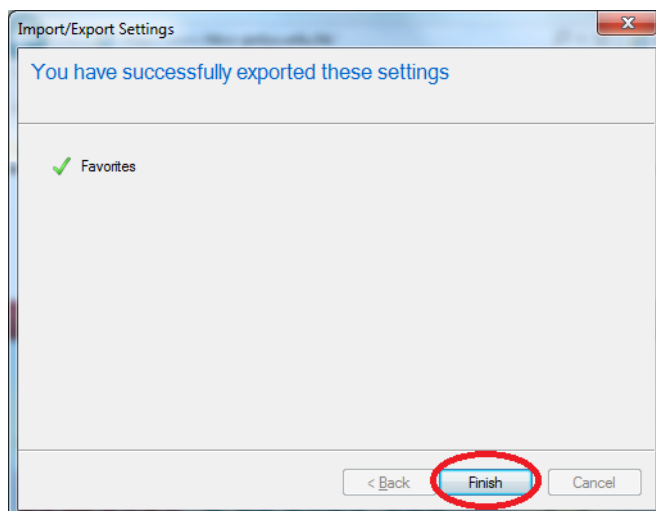
4. Select the folder you want to export, then click **Next**.



5. Give the location and filename, then click **Export**.



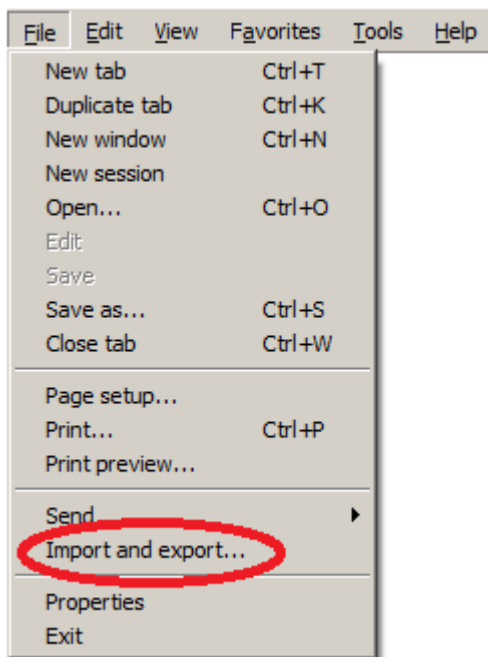
6. After exporting the Favorites file, click **Finish**.



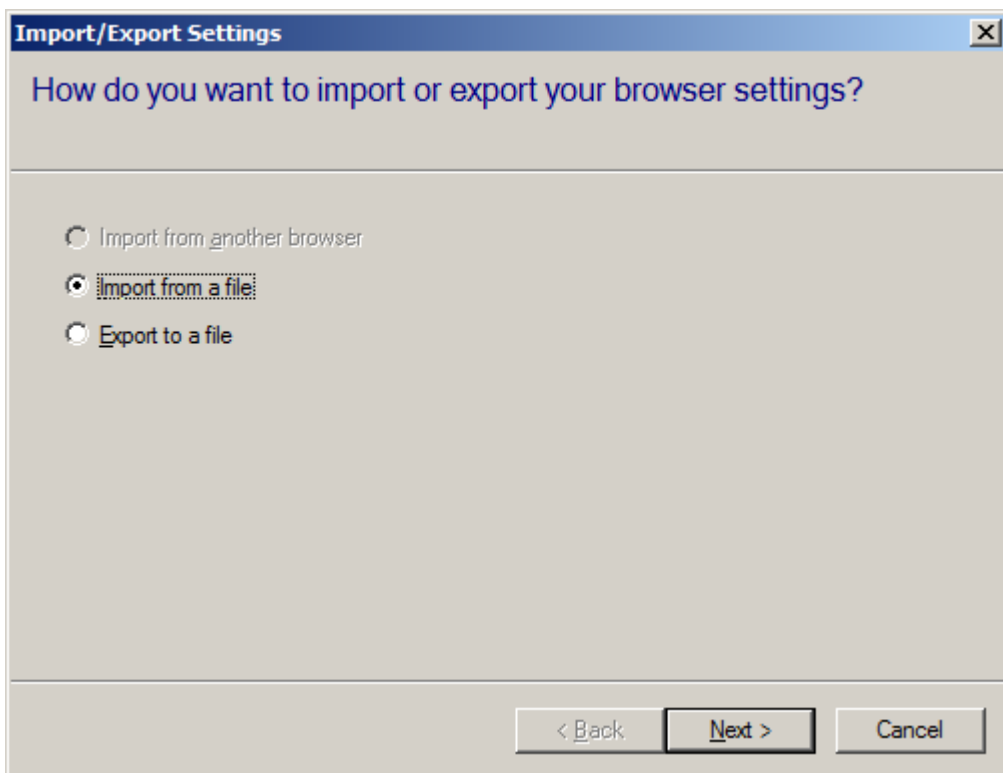
Exported favorites are saved as regular HTML files, so either Internet Explorer or some other browsers can import them. You can export a selected folder in your Favorites list, or all of your favorites.

Alternatively, to import/export the Favorites folder, follow these steps:

1. On the File menu, click Import and Export, and then click Next.



2. Click Import from a file /Export to a file and then click Next.



3. Click Favorites and then click Next.
4. Select the folder that you want to import/export your favorites to/from.
5. Type the name of the file that you want to import/export the favorites from/to. By default, the import/export file is named Bookmark.htm.
6. Click Next and then click Finish