

Internet Basics



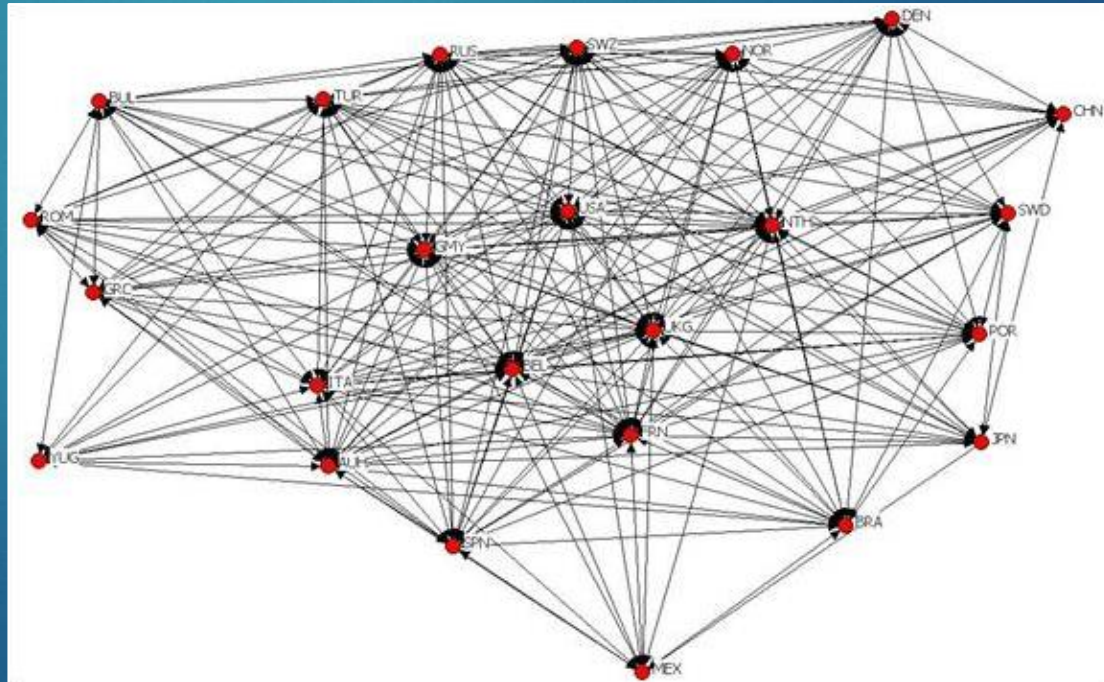
The internet

A system of interconnected global computer networks that allows people to share digital information with one another.



The web

A system of online documents that are linked together, like a spider “web” (hence the term **World Wide Web**).



Web browser

A program that allows you to view websites and navigate between them using hyperlinks. Also used to access web-based applications, like Yahoo Mail, and to store and access documents using web services such as Google Drive.

The five most popular web browsers are:



Edge



Internet Explorer



Mozilla Firefox



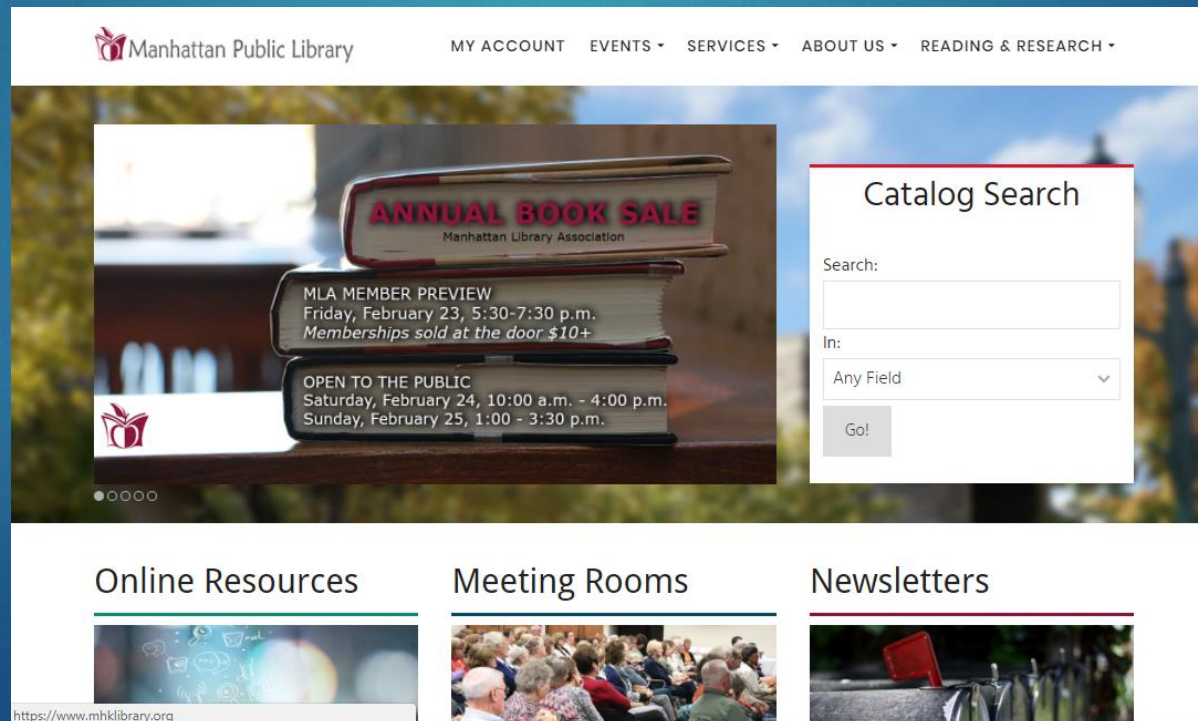
Google Chrome



Safari

Website

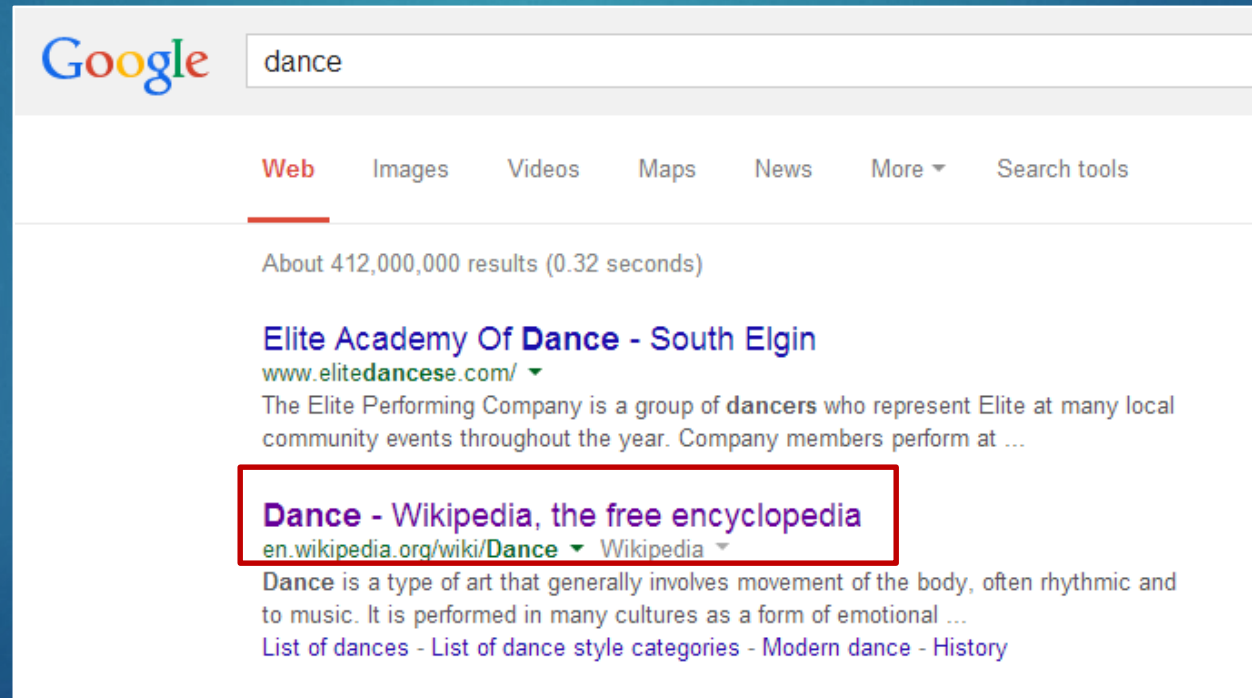
A collection of web pages that provide information about a business, group, organization, or person (such as the Manhattan Public Library or the Flint Hills Discovery Center).



The screenshot shows the homepage of the Manhattan Public Library website. At the top, the logo for Manhattan Public Library is on the left, and a navigation menu with links for MY ACCOUNT, EVENTS, SERVICES, ABOUT US, and READING & RESEARCH is on the right. The main content area features a large banner for an "ANNUAL BOOK SALE" by the Manhattan Library Association. The banner includes details for an "MLA MEMBER PREVIEW" on Friday, February 23, and an event "OPEN TO THE PUBLIC" on Saturday, February 24, and Sunday, February 25. To the right of the banner is a "Catalog Search" form with a search input field, a dropdown menu for "In:" set to "Any Field", and a "Go!" button. Below the banner are three columns: "Online Resources" with a blurred image of digital icons, "Meeting Rooms" with a photo of a group of people, and "Newsletters" with a photo of a red folder. The URL <https://www.mhklibrary.org> is visible at the bottom left.

Web page

An electronic document with text, images, and other links that is accessed by clicking a hyperlink from the search results list in a web browser.



The image shows a screenshot of a Google search results page. At the top left is the Google logo. To its right is a search bar containing the text "dance". Below the search bar are navigation tabs: "Web" (highlighted with a red underline), "Images", "Videos", "Maps", "News", "More" (with a dropdown arrow), and "Search tools". Below the tabs, it says "About 412,000,000 results (0.32 seconds)". The first search result is for "Elite Academy Of Dance - South Elgin" with the URL "www.elitedanceese.com/". The second search result is for "Dance - Wikipedia, the free encyclopedia" with the URL "en.wikipedia.org/wiki/Dance". This second result is enclosed in a red rectangular box. Below the Wikipedia result, there is a snippet of text: "Dance is a type of art that generally involves movement of the body, often rhythmic and to music. It is performed in many cultures as a form of emotional ..." and a list of links: "List of dances - List of dance style categories - Modern dance - History".

Search engine

A website that searches the internet for electronic documents (usually web pages) that contain a key word, phrase, or subject.

The Google logo, featuring the word "Google" in its characteristic multi-colored font (blue, red, yellow, blue, green, red).The Yahoo! logo, featuring the word "YAHOO!" in a purple, serif font with a registered trademark symbol.

Duck Duck Go

The Bing logo, featuring a green stylized "b" icon followed by the word "Bing" in a green, sans-serif font.

Homepage

The page of a website that appears first when someone clicks on the site's hyperlink in their web browser search results list.

The image displays a Google search for "city of manhattan" and the corresponding website homepage. The search results on the left show the top result for "City of Manhattan" with a red box highlighting the title and URL. The website homepage on the right features a navigation menu, a search bar, and a large banner for the Manhattan Fire Department with the text "Become a firefighter".

Google Search Results:

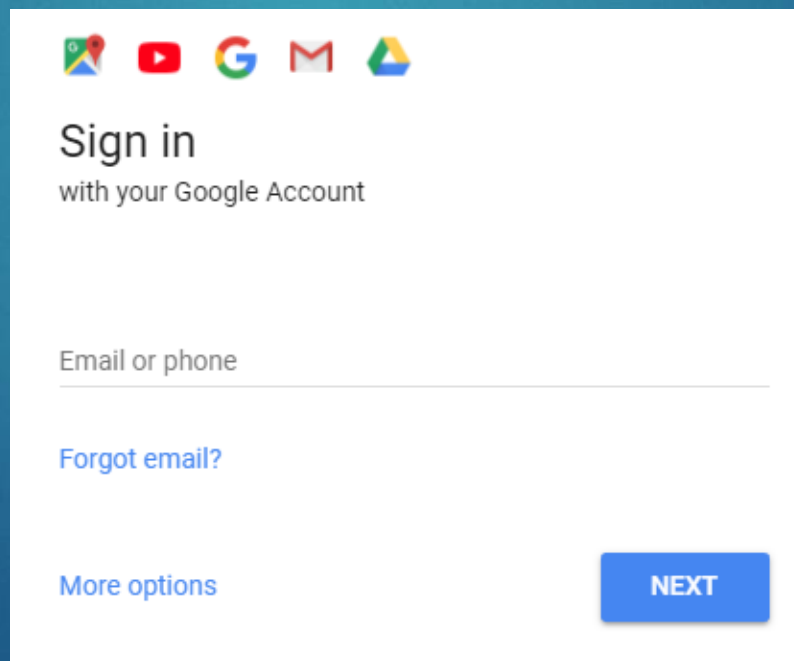
- Search: city of manhattan
- Results: About 47,500,000 results (0.59 seconds)
- Result 1: **City of Manhattan**
https://cityofmhk.com/
The City of Manhattan, Kansas, provides municipal services for more than 50000 residents.
- Result 2: **Water Billing**
Water/utility billing and meter services, including water/sewer ...
- Result 3: **Staff Directory**
The following is an alphabetical listing of the various ...
- Result 4: **Apply for a Job**
Apply for a Job. Thank you for your interest in employment with the ...
- Result 5: **I want to...**
Use "I Want To" to learn how to transact business with the City ...
- Result 6: **City of Manhattan 785-587-2489**
Directions Physical Address: 1101 Poyntz Ave. Manhattan, KS ...
- Result 7: **Government**
Learn about the City of Manhattan's government, including ...
- Result 8: **City of Manhattan, Kansas - Municipal Government - Home | Facebook**
https://www.facebook.com/Places/Manhattan,Kansas/CityHall
★★★★★ Rating: 3.7 - 20 votes
City of Manhattan, Kansas - Municipal Government, Manhattan, KS. 6.1K likes. Welcome to the official City of Manhattan page. Comment Policy:...
- Result 9: **Manhattan Parks and Rec, KS | Official Website**

City of Manhattan Website:

- City of Manhattan Kansas
- Navigation: EXPLORE MANHATTAN, RESIDENTS, GOVERNMENT, INITIATIVES, I WANT TO...
- Search: Search Manhattan...
- Banner: MANHATTAN FIRE DEPARTMENT
Become a firefighter
READ MORE
- Footer: Select Language

The cloud

A term used to describe web-based applications and/or files that are stored on a shared, remote server and accessible to users through a login (such as Google Docs or Facebook).



The image shows a screenshot of a Google sign-in page. At the top, there are five icons: a location pin, a play button, the letter 'G', the letter 'M', and a triangle. Below these icons, the text reads "Sign in with your Google Account". There is a text input field labeled "Email or phone". Below the input field, there is a link that says "Forgot email?". At the bottom left, there is a link that says "More options". At the bottom right, there is a blue button with the text "NEXT".

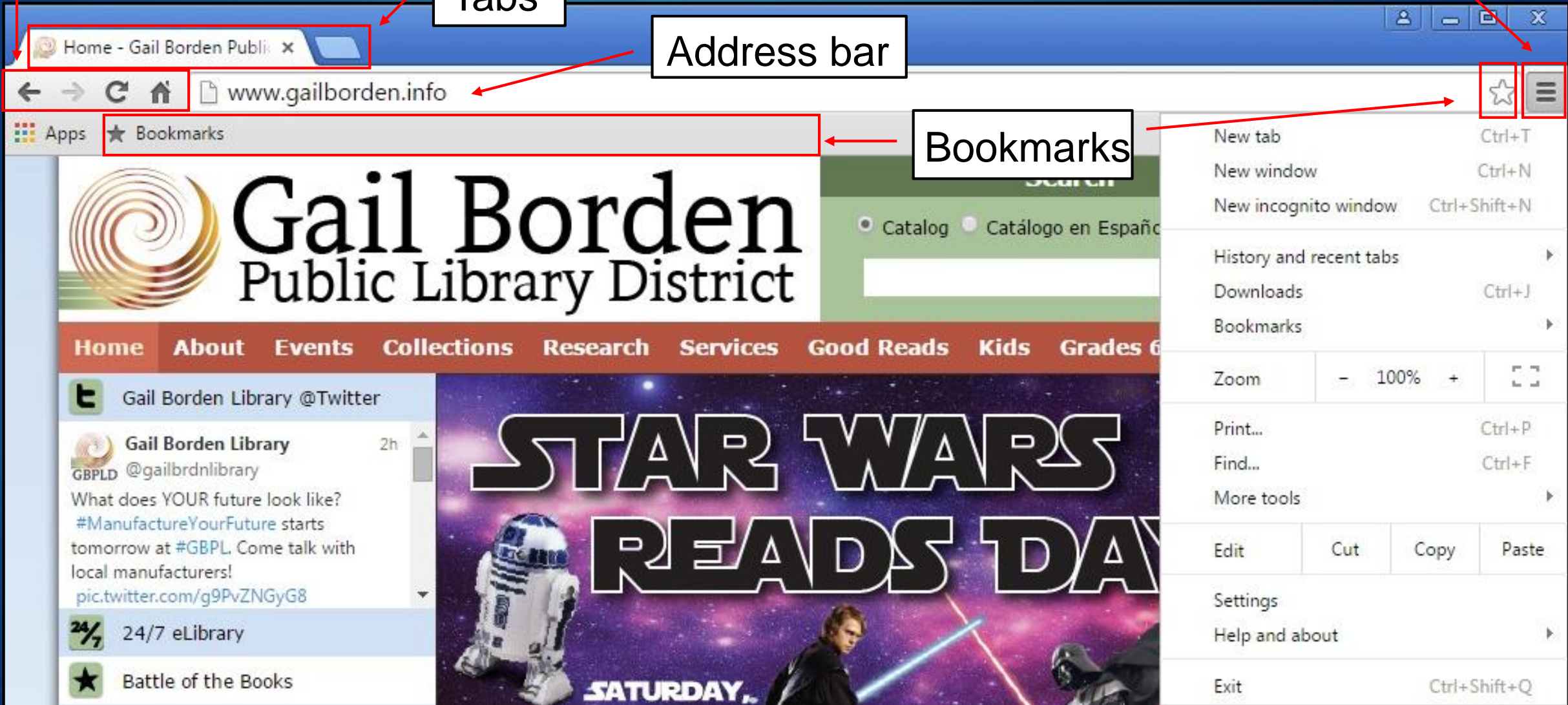
Navigation buttons: back, forward, refresh, home

Options and settings

Tabs

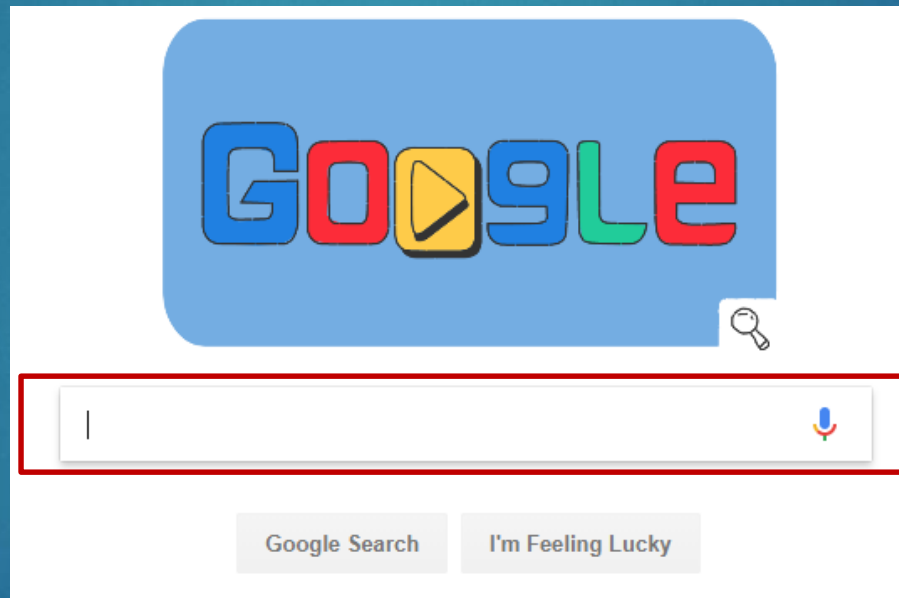
Address bar

Bookmarks



Search box

Used to enter keywords when the exact address is unknown.



Note: Some browsers only have a single "omnibox" that is used to enter both web addresses and keywords (like Chrome).

Web address or URL

Tells the computer the correct combination of letters, numbers, and/or characters to reach a particular website.

Uniform Resource Locator

- ▶ Contain NO SPACES and require correct spelling.
- ▶ *Usually* begin with **www**, **http**, or **https**

Example: www.ssa.gov

Domains

The last few letters of the address after the period. USUALLY give users an indicator about the type of site they're visiting.

.com = commercial business or company

.org = non-profit

.gov = government agency

.info = informational site

.edu = educational institutions

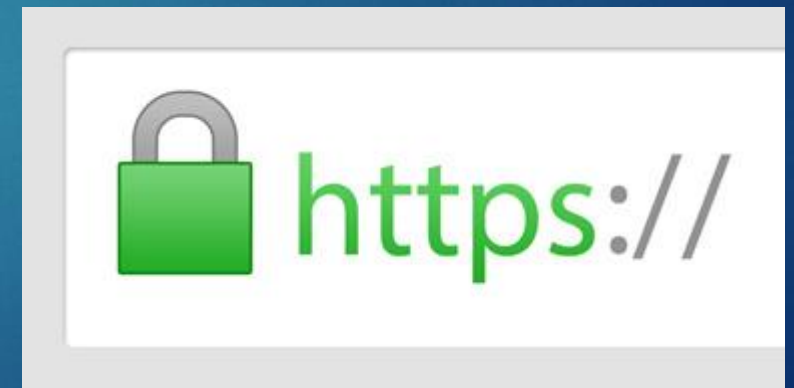
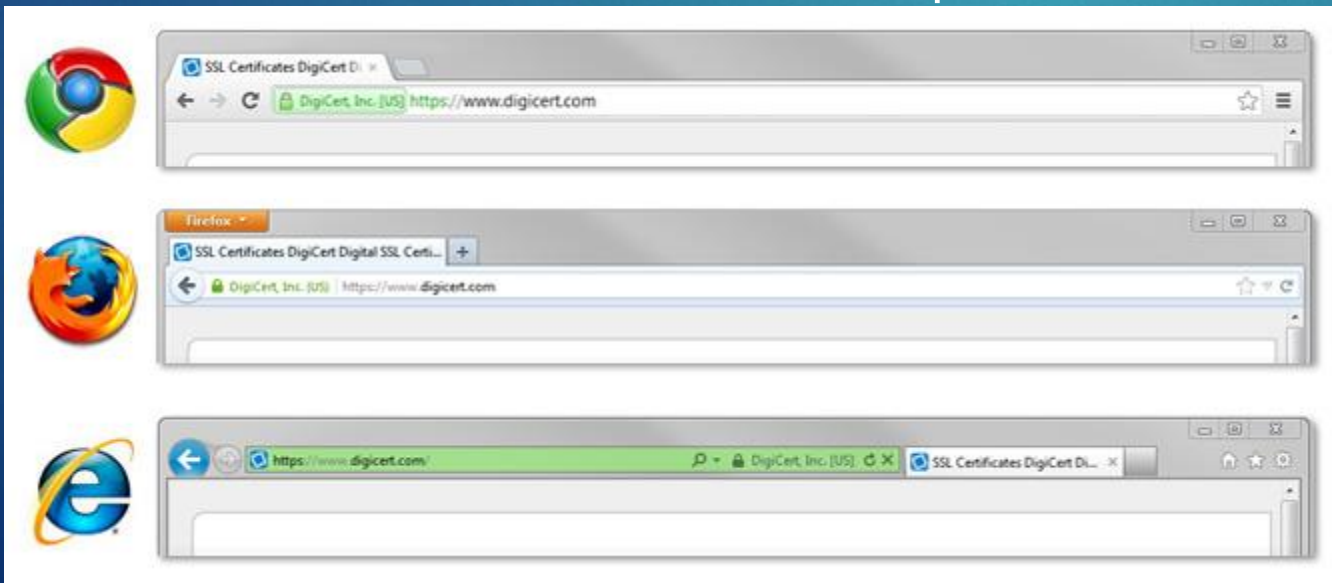
.net = internet service provider (Ex: AT&T)

.mil = United States military branches

Internet safety



- ▶ The internet is not evil, but some *people* are
- ▶ Keep yourself safe with a few simple guidelines:
 - Be cautious of entering personal information into websites that aren't secure (https: or feature a lock icon)



Internet safety, cont.



- Do not click on strange ads or links
- Beware of "pop-ups"



- Choose shopping sites carefully and look for names you know (Ex: Amazon)
- Do not provide account or personal information online unless you know it's a safe site
- If it sounds too good to be true, it probably is

Internet safety

- ▶ Use strong passwords
 - At least 12 characters
 - Mix of upper/lowercase letters
 - Contain at least 1 number
 - Contain a symbol
 - Unique to the website (no repeat passwords)
 - Change your passwords regularly
 - Can use a base password, then change the end for different websites

Example: librariesRgr34t!

- ▶ DO NOT create a folder in your email or computer called “Passwords” and store them in there

Continuing to learn

- ▶ Upcoming tech classes
- ▶ One-on-one training with Wandean
- ▶ Tech Drop-In
 - ▶ 1st and 3rd Tuesdays at 2 PM
- ▶ Online tutorials
 - [DigitalLearn.org](https://www.digitallearn.org)
 - [TechBoomers.com](https://www.techboomers.com)
 - [LearnMyWay.com](https://www.learnmyway.com)
 - [GCFLearnFree.org](https://www.gcflearnfree.org)