



# How to Use Search...



# What are we going to Learn???

- What is a Search Engine?
- How Search works?
- Google Search variations
- Internet Searching Tips
- Key Things to Remember



# What is a Search Engine >>>

- a program that searches for and identifies items in a database that correspond to keywords or characters specified by the user, used especially for finding particular sites on the Internet.



Search

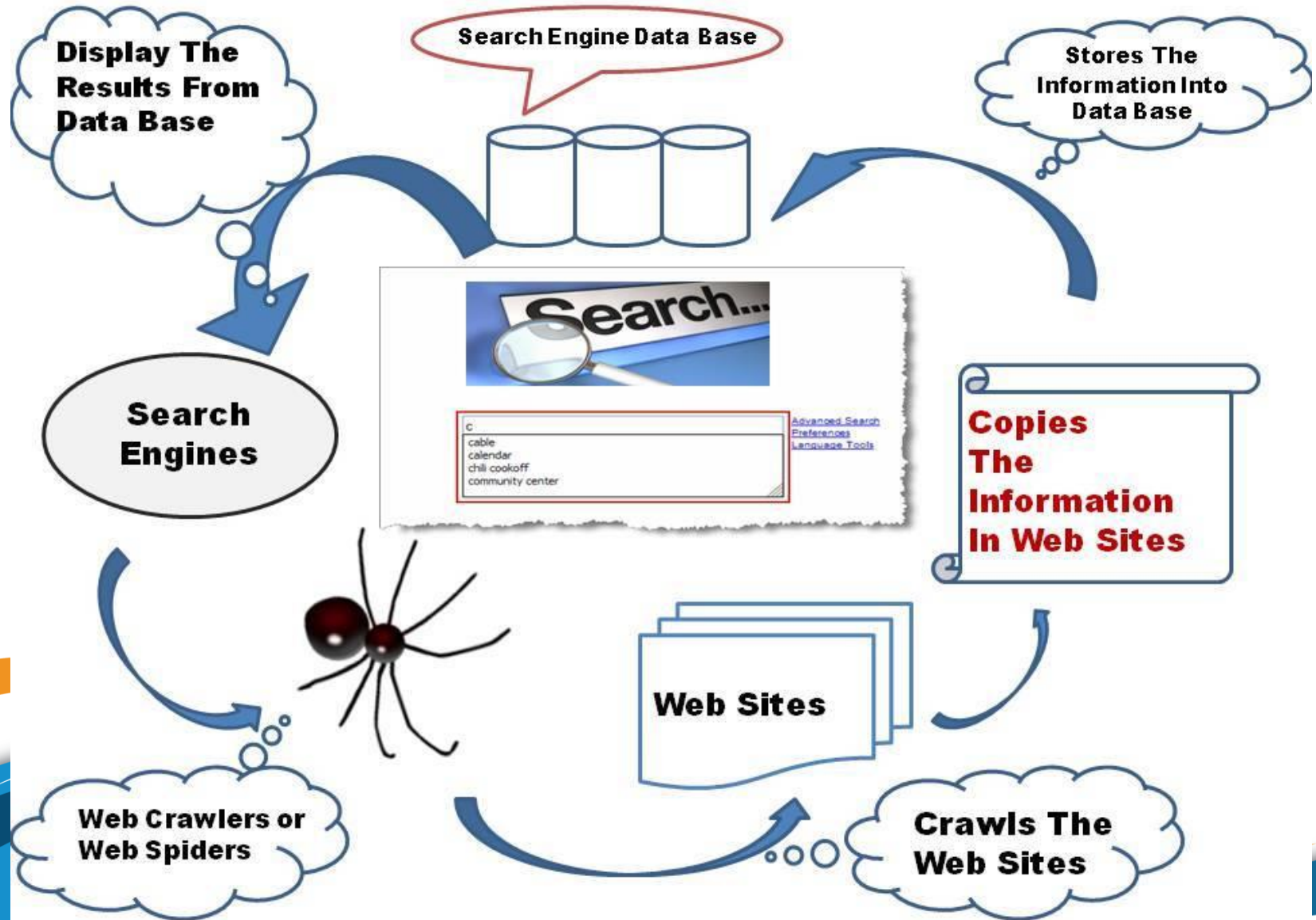


# How Search Works>>>

- Search engines, such as Google, create their listings automatically. They "crawl" or "spider" the web, then record the information found in an index.
- When you enter words into a search box, search engine software sifts through the millions of pages in the index to find matches and rank them in the most relevant order.
- The algorithms influencing order are based on number of times the word appears on a site, the quality of the site, page rank and numerous other variables.

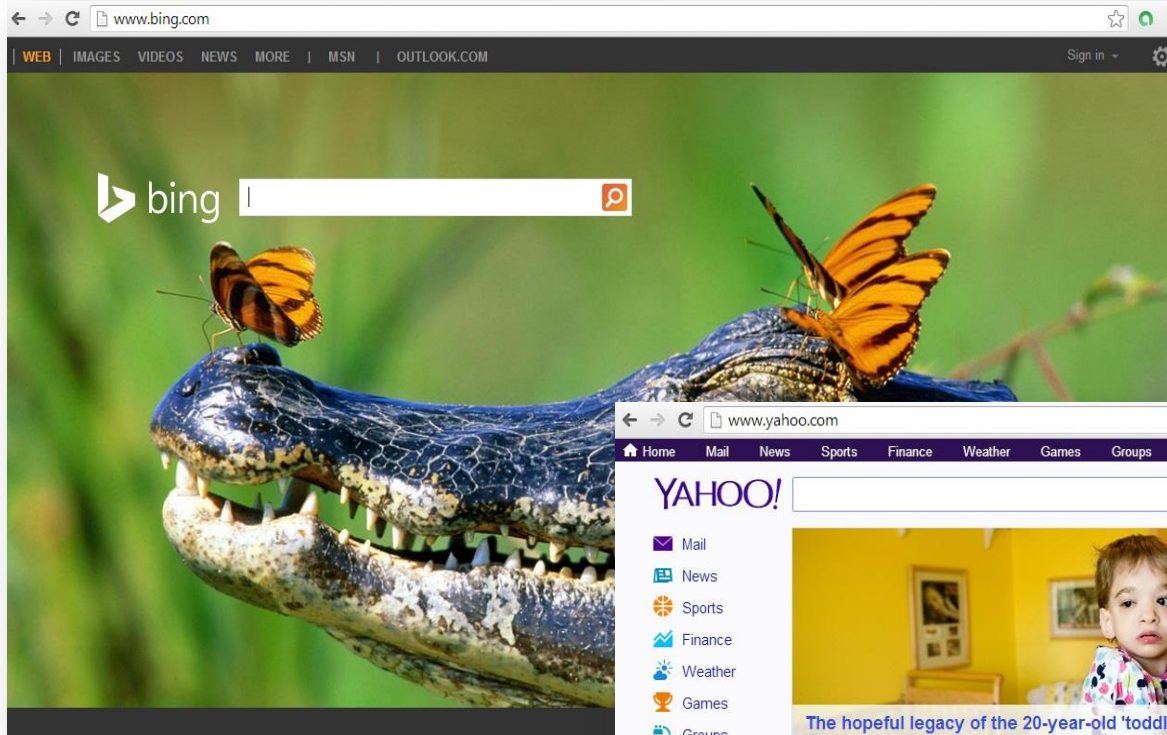


# How Search Works Cont...>>>

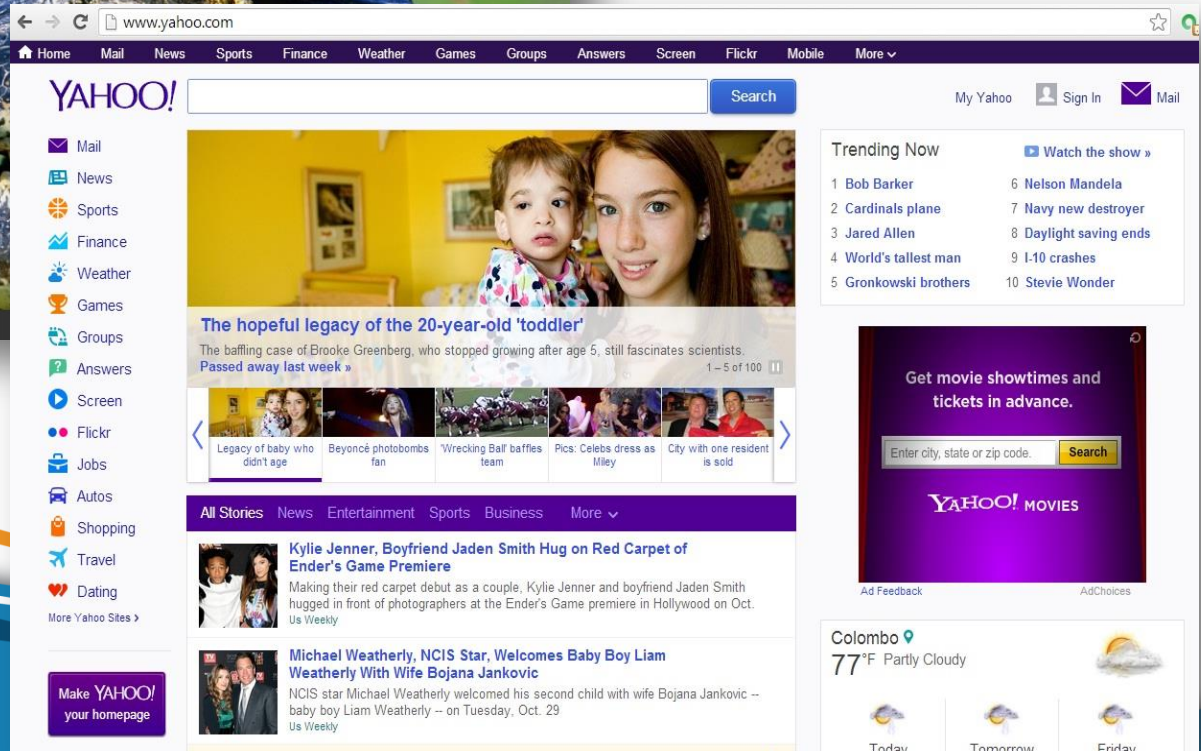




# Search Engines Examples >>>



www.bing.com

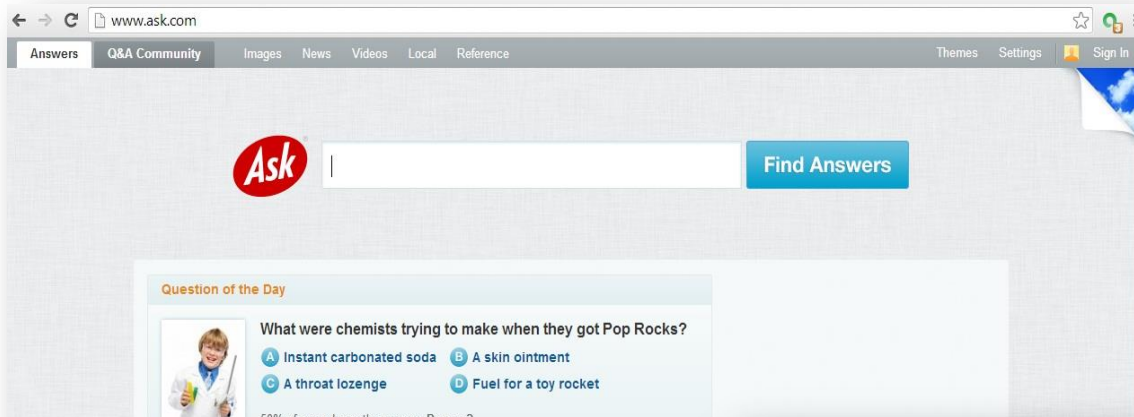


www.yahoo.com

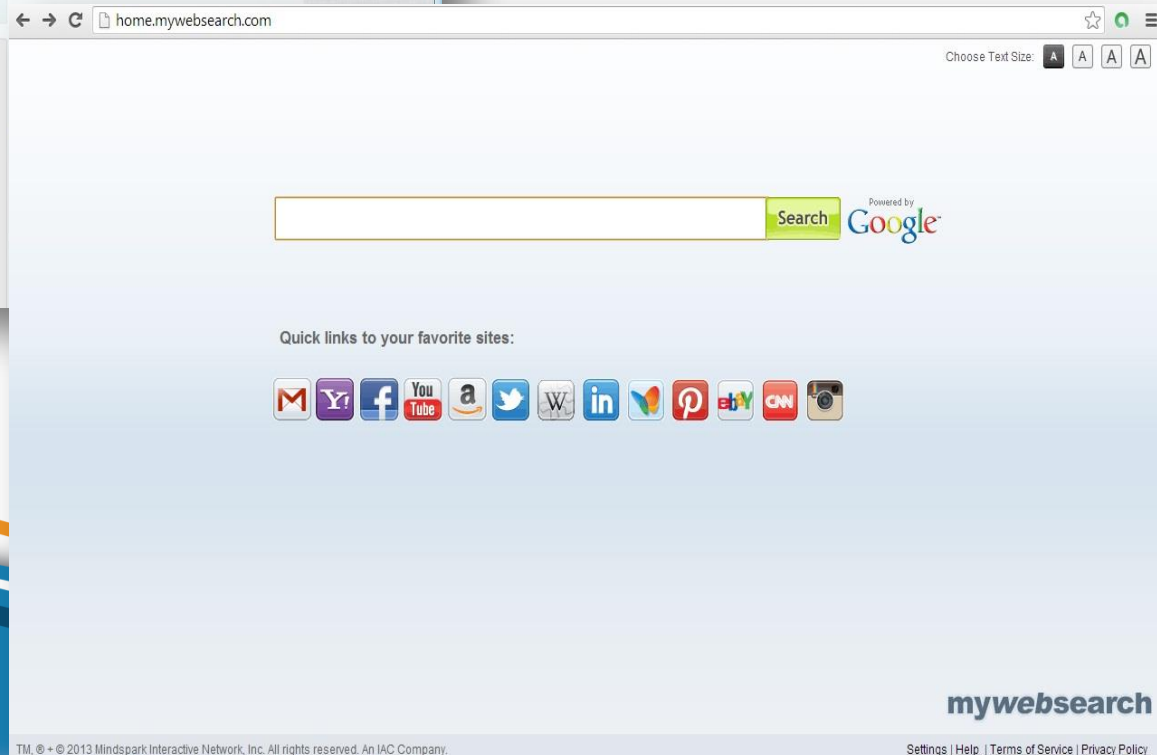


Training Division - LK Domain Registry

# Search Engines Examples Cont... >>>



www.ask.com



www.mywebsearch.com



Most users want a single search engine that delivers **three key features**:

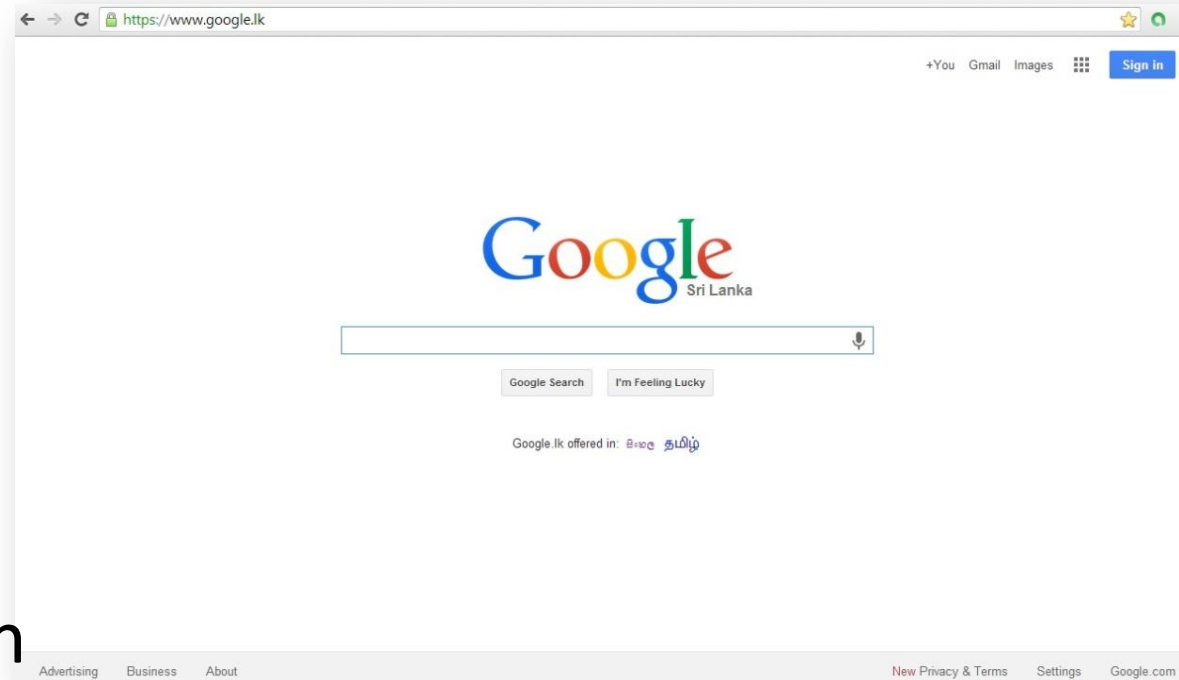
1. Relevant results (results you are actually interested in)
2. Uncluttered, easy to read interface
3. Helpful options to broaden or tighten a search





# Search Engines' Variations >>>

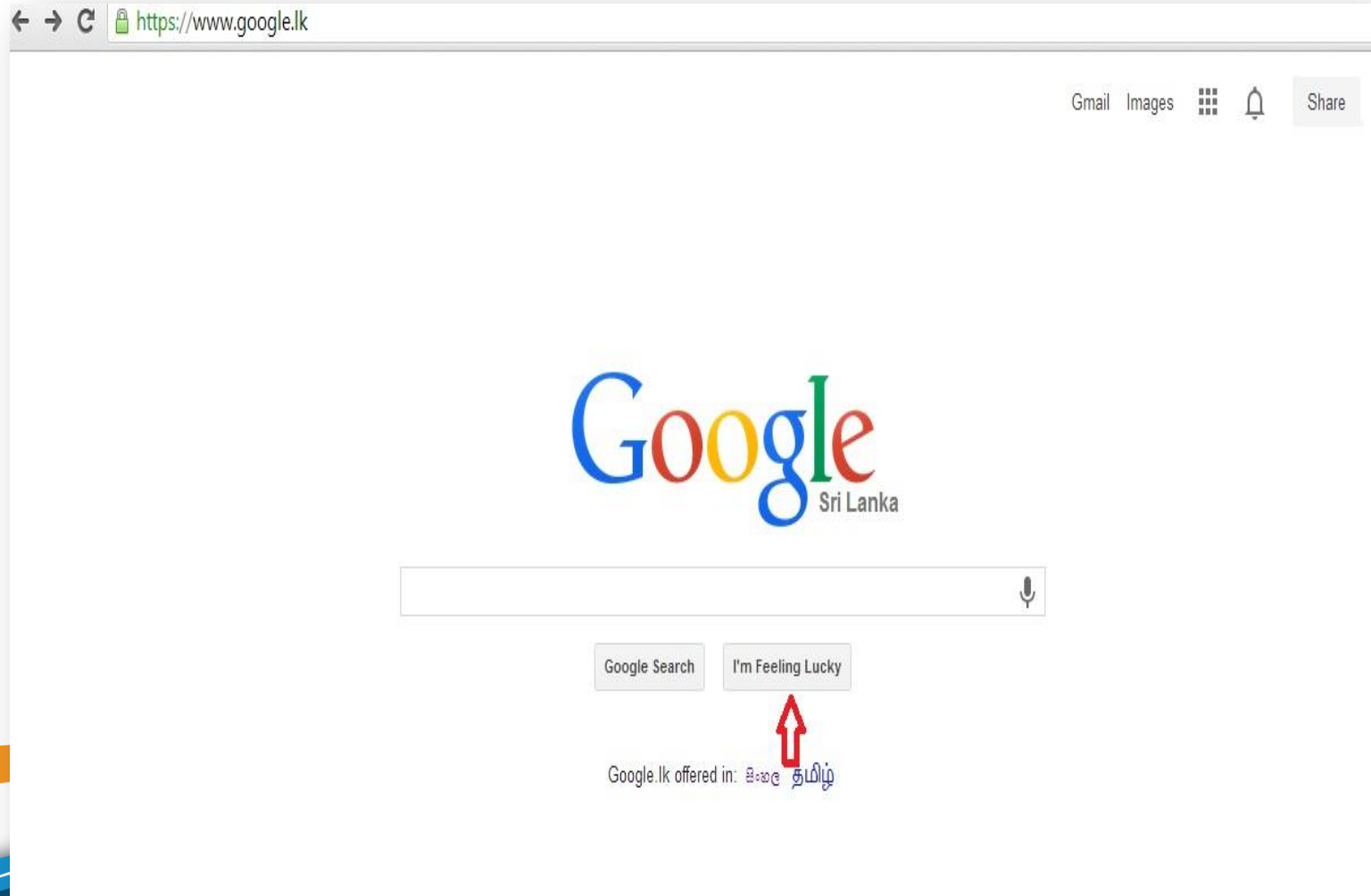
- Normal Search
- I'm Feeling Lucky
- Image Search
- Voice Search
- Language Selection
- Search using Filters



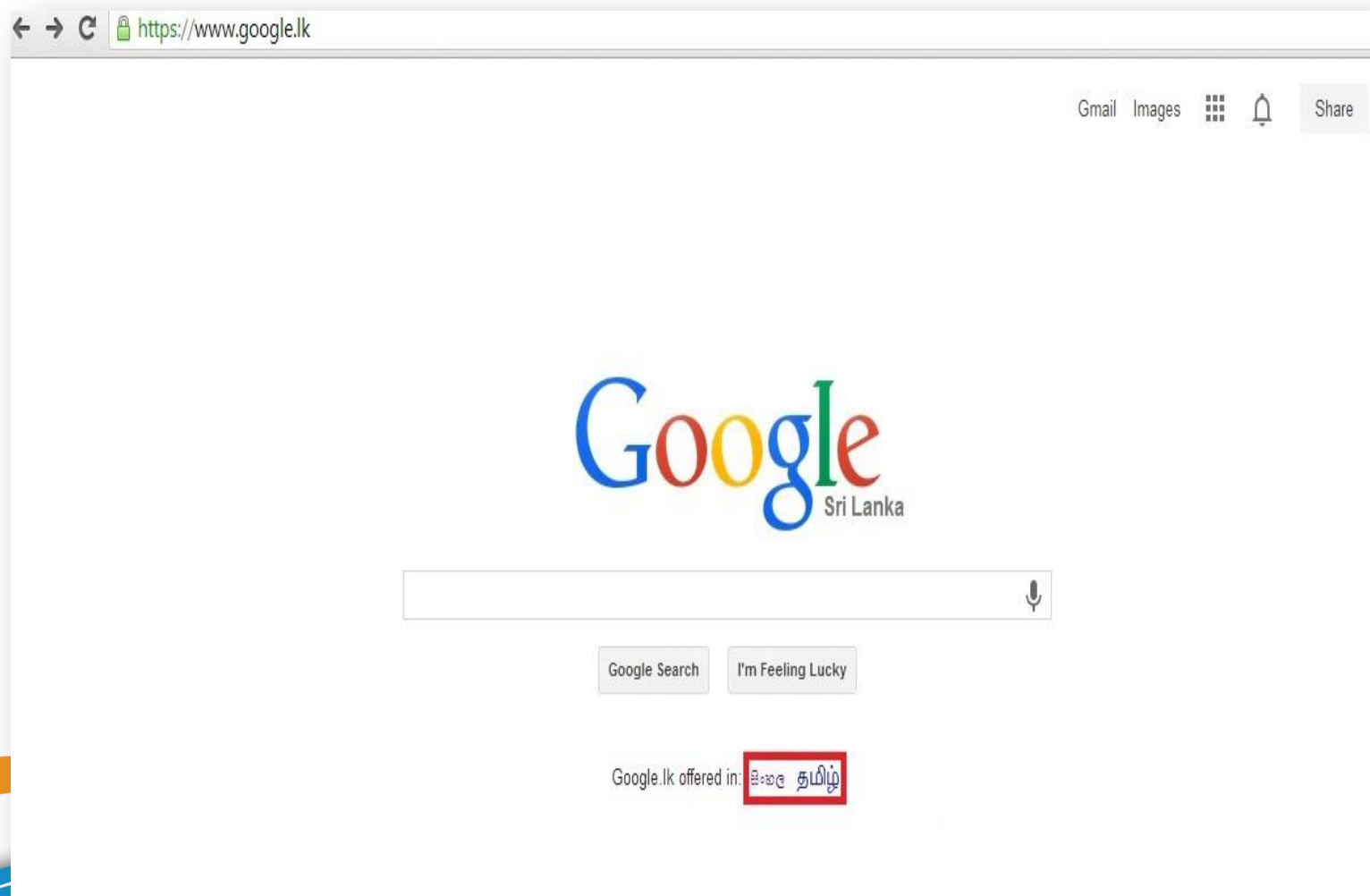
[www.google.com](http://www.google.com)



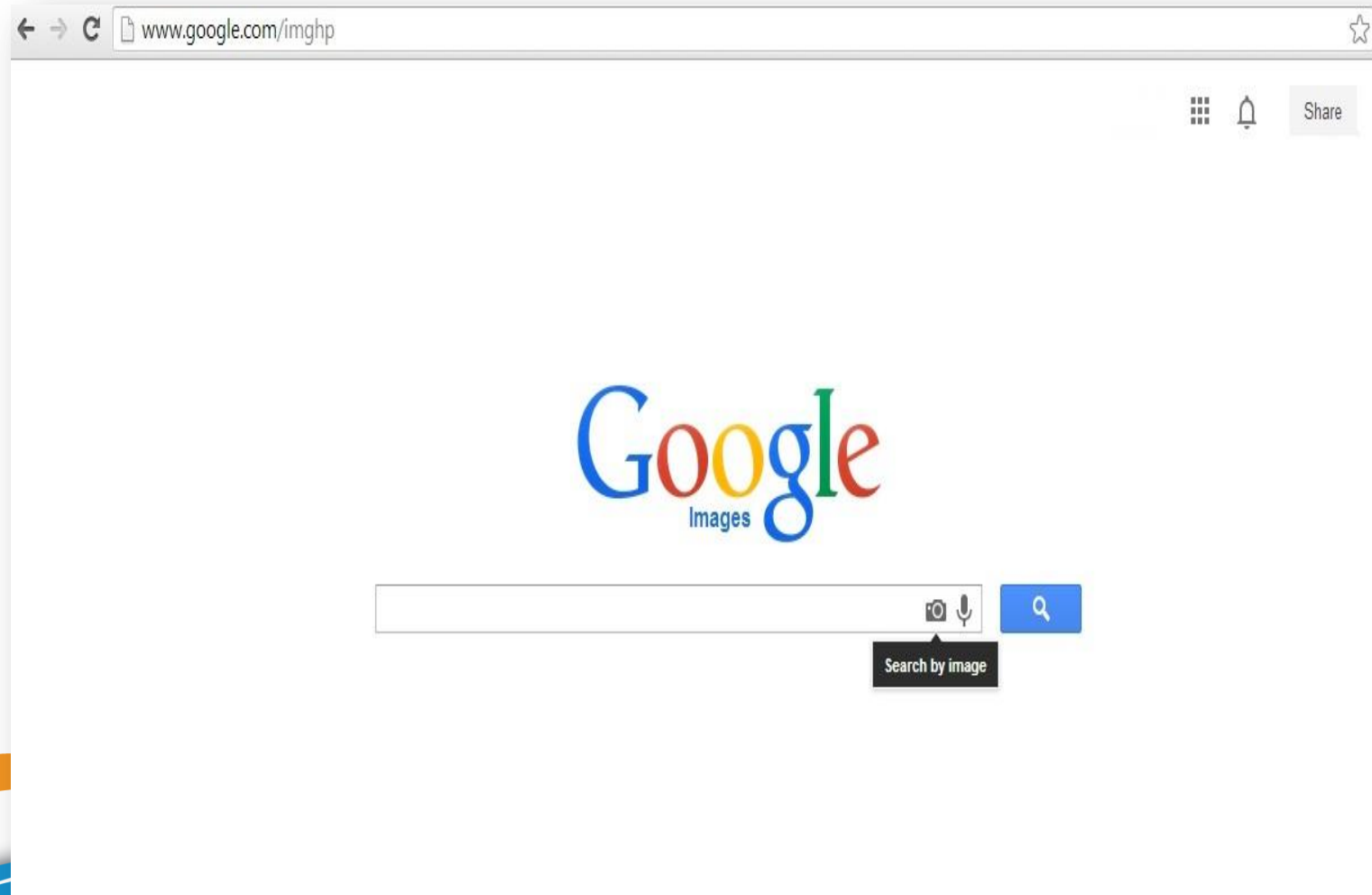
# I'm Feeling Lucky



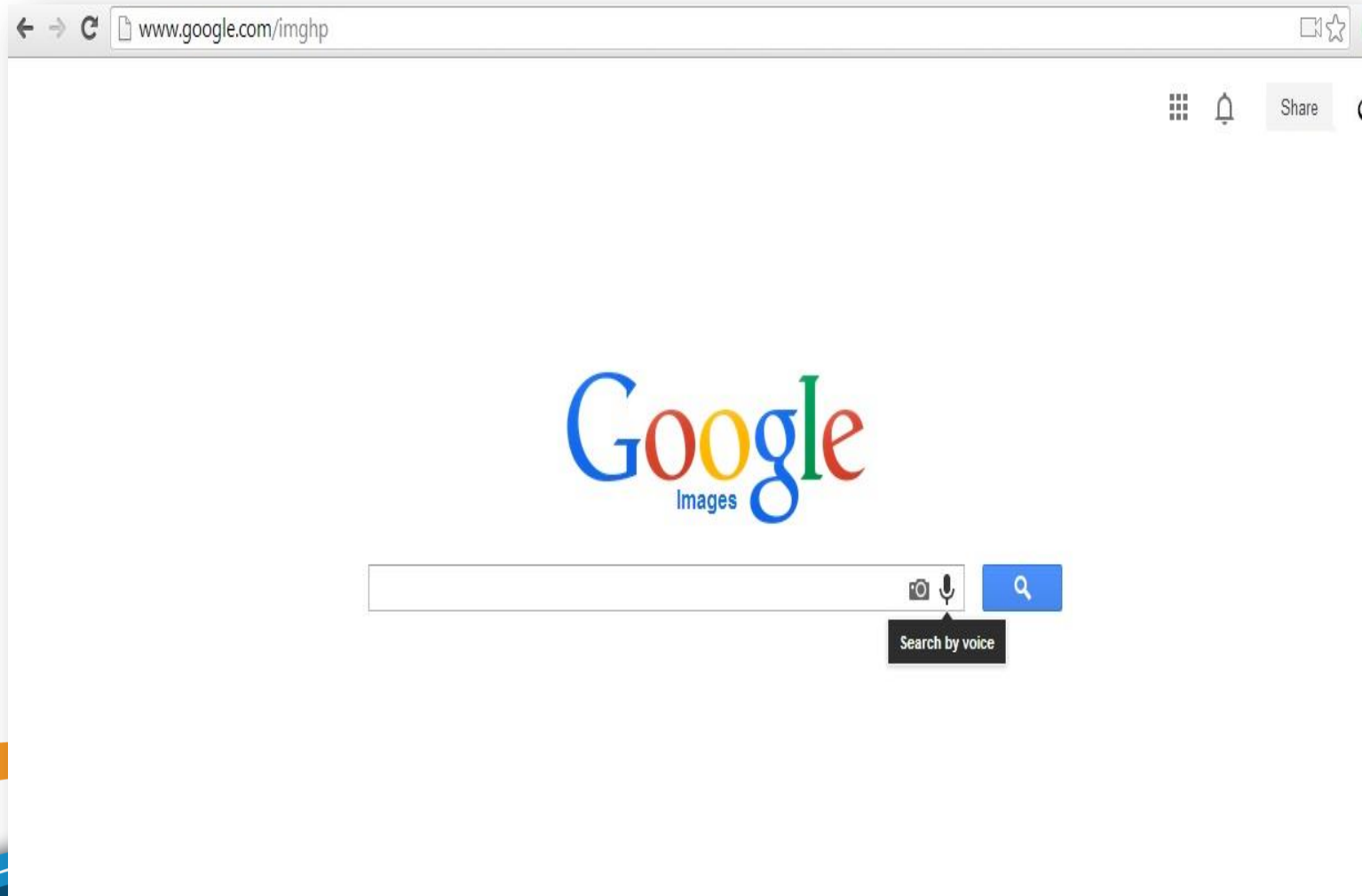
## Language Selection



# Image Search



# Voice Search





## Search using Filters

The screenshot shows a Google search for "sri lanka". The search bar at the top contains "sri lanka" and a magnifying glass icon. Below the search bar, the "Web" tab is selected. A red box highlights the "More" dropdown menu, which is open, showing options: Videos, Books, Blogs, Discussions, Applications, and Patents. A red arrow points to the "Videos" option. The search results on the left include a Wikipedia entry for Sri Lanka, a news article from ESPNcricinfo.com about a cricket match, and a link to the official Sri Lanka Tourism website. On the right, a knowledge panel for Sri Lanka is displayed, featuring a map of the island, the national flag, and key facts such as the capital (Sri Jayawardenepura Kotte, Colombo), dialing code (94), currency (Sri Lankan rupee), population (20.33 million in 2012), and national anthem (Sri Lanka Matha).

Google

sri lanka

Web Images News More Search tools

About 216,000,000 results (0.30 seconds)

**Sri Lanka** - Wikipedia, the free encyclopedia  
en.wikipedia.org/wiki/Sri\_Lanka  
Sri Lanka has a documented history of over 3000 years. Its geographic location and deep harbours made it an important center of trade and commerce from the time of ...  
Colombo - History of Sri Lanka

**News for sri lanka** ✓

**Pakistan hang on to clinch 11-run win**  
ESPNcricinfo.com - 8 hours ago  
Match report of Pakistan v Sri Lanka, 1st ODI, Sharjah from Pakistan v Sri Lanka.

**As it happened: Pakistan vs Sri Lanka, 1st ODI in Sharjah**  
IBNLive - 10 hours ago

**Pakistan beat Sri Lanka in first one-day**  
DAWN.com - 9 hours ago

**The Official Website of Sri Lanka Tourism**  
www.srilanka.travel/ ▾  
Find travel ideas for planning your holiday to Sri Lanka. Discover things to see and do, places to stay and more.. This is the official site of Sri Lanka Tourism..

**Government of Sri Lanka**  
www.priu.gov.lk/ ▾


**Sri Lanka**  
Country  
Sri Lanka, officially the Democratic Socialist Republic of Sri Lanka, is an island country in the northern Indian Ocean off the southern coast of the Indian subcontinent in South Asia; known until 1972 ... Wikipedia



**Capitals:** Sri Jayawardenepura Kotte, Colombo  
**Dialing code:** 94  
**Currency:** Sri Lankan rupee  
**Population:** 20.33 million (2012) World Bank  
**National anthem:** Sri Lanka Matha  
**Official languages:** Sinhala Language, Tamil Language

**Points of interest**



## Search using Filters

Google  


**Web** Images News More  Search tools 

Any country ▾ Any time ▾ All results ▾ Moratuwa ▾

**Sri Lanka** - Wikipedia, the free encyclopedia  
[en.wikipedia.org/wiki/Sri\\_Lanka](http://en.wikipedia.org/wiki/Sri_Lanka) ▾  
In antiquity, **Sri Lanka** was known to travellers by a variety of names. Known in India as Lanka or Sinhala, ancient Greek geographers called it Taprobane ...  
Colombo - Sri Jayawardenepura Kotte - Sinhala language - History of Sri Lanka


**The Official Website of Sri Lanka Tourism | Lanka | Sri Lanka ...**  
[www.srilanka.travel/](http://www.srilanka.travel/) ▾  
Find travel ideas for planning your holiday to **Sri Lanka**. Discover things to see and do, places to stay and more.. This is the official site of **Sri Lanka** Tourism..


**News for sri lanka**

 **PM noncommittal on attending Commonwealth meet in Sri Lanka**  
**Zee News** - 3 hours ago  
India's participation in the Commonwealth summit in **Sri Lanka** next month would be decided upon after considering all factors, including ...  
Times of India

**Commonwealth meet in Sri Lanka: PM tries to allay Karunanidhi's concerns**  
**Times of India** - 14 hours ago

**Controversial Royal Vist To Sri Lanka Going Ahead**  
**Daily Beast** - 14 minutes ago

**Sri Lanka** - Travel Guide, Info & Bookings – Lonely Planet  
 [www.lonelyplanet.com/sri-lanka](http://www.lonelyplanet.com/sri-lanka) ▾  
Nov 10, 2008

  
Map data ©2013 Google

**Sri Lanka**  
Country

Sri Lanka, officially the Democratic Socialist Republic of Sri Lanka, is an island country in the northern Indian Ocean off the southern coast of the Indian subcontinent in South Asia; known until 1972 ... Wikipedia

**Capital:** Sri Jayawardenepura Kotte  
**Dialing code:** 94  
**Currency:** Sri Lankan rupee  
**National anthem:** Sri Lanka Matha  
**Population:** 20.33 million (2012) World Bank  
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**Points of interest**





Be specific ...  
because if you aren't  
specific, you'll end up with  
a bunch of garbage!

**DO ALL OF THIS IN ENGLISH!**



# Internet Searching Tips



# Tip 1 >>>

- Use quotations

Ex : “top speed cars”

Quotes glue words together; there can be additional words before or after the phrase, but the phrase will always stay together in the results.





## Tip 2 >>>

- Use –sign

Ex : cars -toyota

Use the minus sign (-) to eliminate irrelevant results.

### **Note>>**

There must be a space before the minus sign.

There must not be a space between the minus sign and the word you want to eliminate.



# Tip 3 >>>

- Search within a website

Ex : **Barack Obama site:www.cnn.com**

This will limit your search to only pages within a specific site or domain, or to exclude pages from a specific site or domain.



# Tip 4 >>>

- Search Using most Common Boolean Basics -  
AND/OR/

Ex: **Cars and Bikes**

AND: only documents that contain both/all words

Ex: **Cars or Bikes**

OR: documents that contain either word;



# Tip 5 >>>

- Search similar pages as you want - related:url

Ex : **related:www.cnn.com**

This will search for pages(news pages) that are similar to the entered page(cnn news page).

- Search similar results to the entered word

Ex: **~car**

This will search for similar results to the “car” in different areas.



# Tip 6 >>>

- Search using the file type: pdf/doc/ppt etc...

Ex: **computers filetype:pdf**

Only related results on pdf filetype will be shown as the output





# Tip 7 >>>

- Search using the word define:

Ex: **define: Newton's first law**

It will show the web definition that what we need for us or it will show the description as it searches.



## Tip 8 >>>

- Search using the range or between for results

Ex: car \$10000..\$20000

It will shows the results on the above ranges  
car types as we entered.



# Tip 9 >>>

- Search for the unit conversions

Ex: **10.5cm in inches**

It will show the results(Answer) of unit conversion straightaway in the result page as we entered the values



# Tip 10 >>>

- Calculations /Calculator for mathematics calculations

Ex: **10+25 = ? ,calc or calculator**

It will shows the Answer for the question and the calculator display for more calculations



# Some more Tips >>>

- Moratuwa, Colombo map get the map
- fill in the blanks Isaac Newton discovered\*
- phonebook:+94 11 421 6061 to get the details by entering phone number





# Some more Tips >>>

- **time** for getting the current time of the zone
- **Temp or temperature** for getting the current temperature of the area
- **area code** to get the code



# Advanced Google Searching Tips

It's easy as long as you remember a few, simple commands.



- intitle:*terms*
- Lets you search for pages that have a particular word or phrase in their title.
- site:*domainname*
- Lets you limit your search to only pages within a specific site or domain, or to exclude pages from a specific site or domain.
- inurl:*url*
- Lets you search for pages that have a particular word or phrase in their URL.



# Key things to Remember

- **Keywords** are Key Choose them carefully
- Use **Control F** to Find on Page
- Take Advantage of **Timesavers** (Google Instant, Autocomplete, )
- Use **Different Media** to Filter Results (images, news, blogs, video, books, scholarly sources, etc. )



*Remember!*

# Key things to Remember cont...

- Use **nouns** no articles ("a," "the"), pronouns ("he," "it") in your queries
- Use **less keywords(6-8)** per query
- **Spell** carefully
- Avoid **redundant** terms
- Check the "**Help**" function in you need more help



# Key things to Remember cont...

- Use Search Feature **Shortcuts** - define, calculator, conversions, date range, translations, and more)
- **Avoid** verbs
- use **modifiers** only when they help to define your object more precisely
- “**lowercase** is the safest form to use”
- Stop Searching and Start **FINDING**



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