

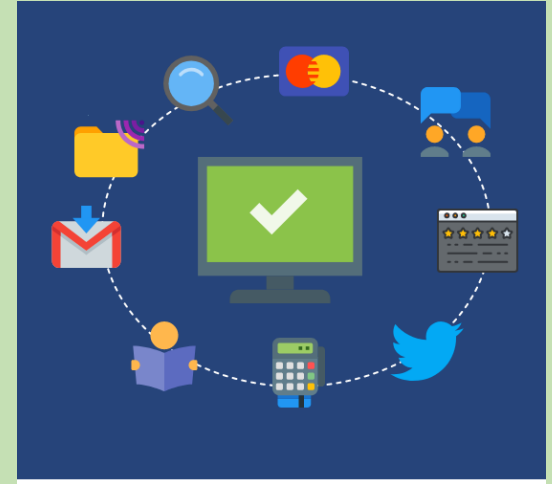
Computer Application

Chapter 2 – Part 2: Internet and Communication

2024-2025

Internet and WWW

- The **Internet** consists of all computers and networks across the world which are able to communicate with each other.
- Internet is open for everyone.
- It was started by US Military.
- Internet has a huge amount of information about everything of the world.
- **World Wide Web (WWW)**: is part of the Internet and consists of servers that store web pages which can be read by **web browsers**.
- **Web Browser**: Is a computer program that gives the ability to surf the WWW.



Searching for a Web Address

1. If you know the address of the web page.

For example: www.kti.edu.krd

2. Using a **search engine** like **Google** to find the address.

This is called a **keyword search**

- **Google Search**, commonly referred to as Google Web Search or simply Google, is a web search engine developed by Google. It is the most-used search engine on the WWW handling billions of searches each day.
- Search engines examples : Google, Bing, Yahoo...etc.

Electronic Mail

- Electronic mail is a computer application used to exchange messages between users.
- e-mails are delivered instantly (less than a minute).
- Most services provided on the WWW require an email address to identify a user (Create Account).
- An email (abdurahman.abdi@kti.edu.krd) consists of:
 - 1) Domain name: (kti.edu.krd) which is the web address of the service provider.
 - 2) User name: (abdurahman.abdi) which is unique for every single user.
 - 3) The sign @: used to separate the domain name from the user name

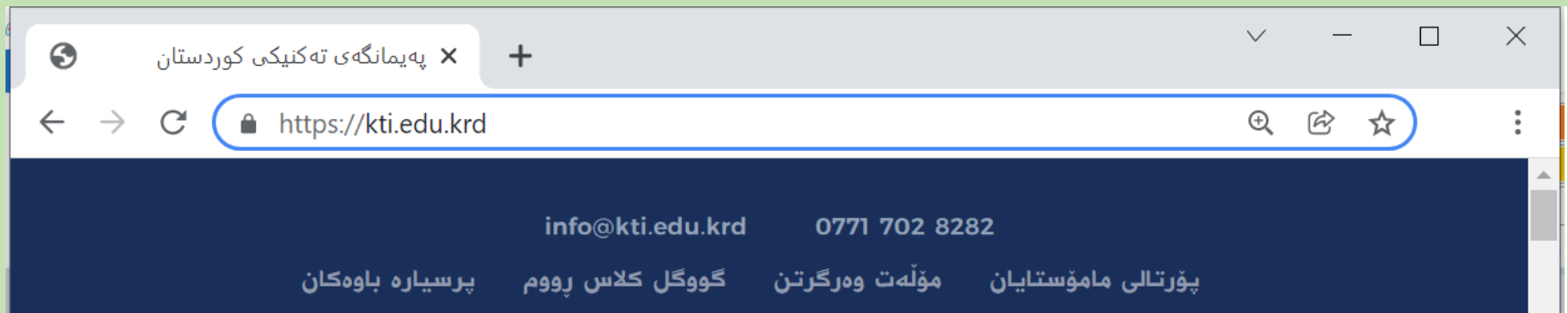
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Chapter 2 – Part 2: Internet and Communication

Practical Session

Websites and URL

- In order for the WWW to be useful, we need a way of referencing all the resources available.
- A **Uniform Resource Locator (URL)**, allows every resource (e.g. HTML page, image, sound clip etc.) on the WWW to have a unique address.
- Each website has a unique address called its **URL** sometimes referred to as a **web address**.



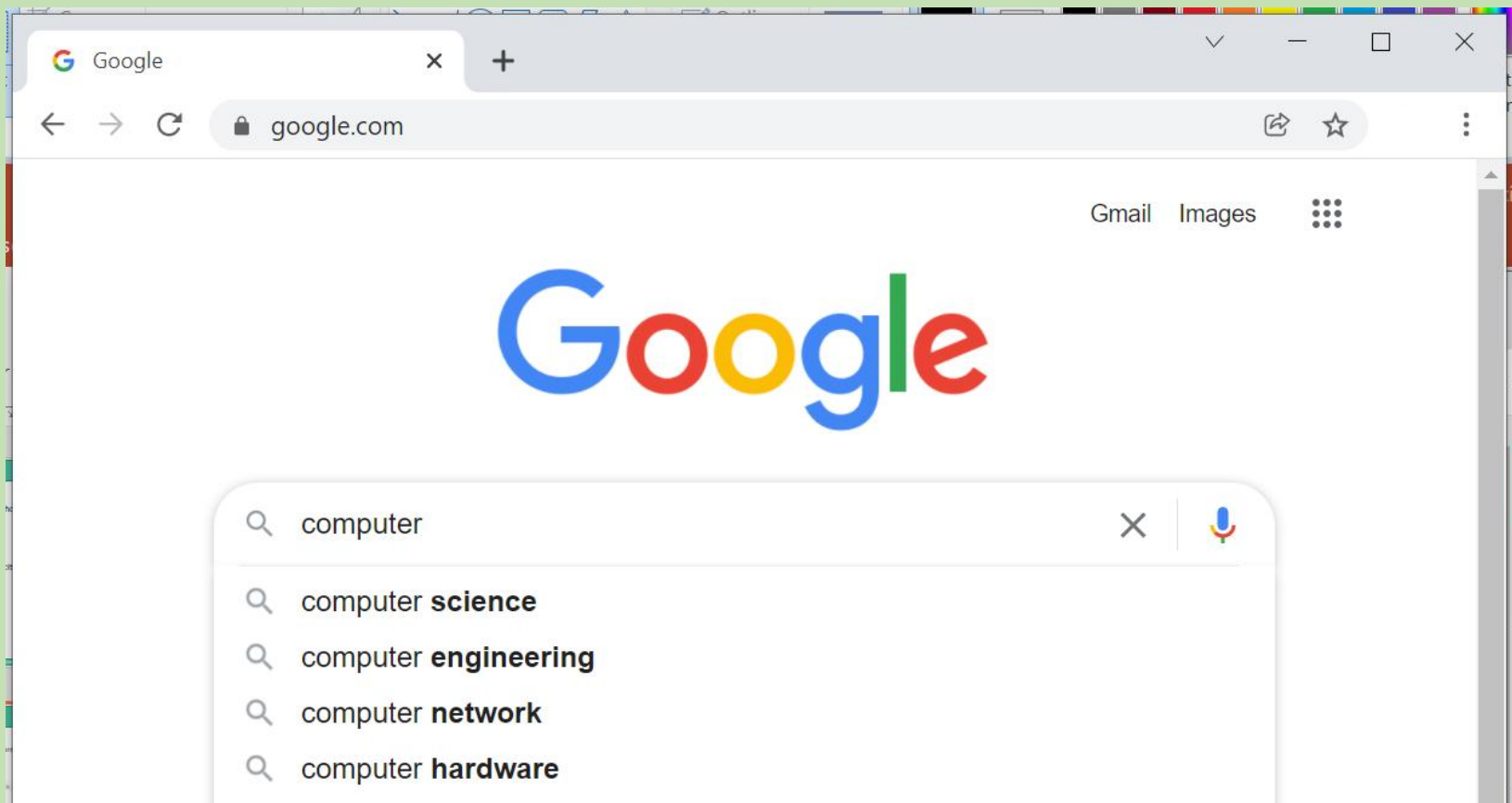
- **Web Site:** A storage area in which web pages are stored and can be accessed through WWW.
- **Web Page:** is like a page in a book. Websites often have several pages that you can access by clicking on links. **A Web site** can be a collection of related Web pages.

Web Address Ending

- Endings of web pages tells us a bit about the page. Some common endings to web addresses are:
 - com (commercial)
 - edu (educational institution)
 - gov (government)
 - net (network)
 - org (organization)
- You might also see addresses that add a country code as the last part of the address such as:
 - krd (Kurdistan)
 - Iq (IRAQ)
 - uk (United Kingdom)
 - fr (France)
 - us (United States of America)

Searching for Information

- You can use Google search engine to search for information by entering **Terms / Keywords** to search.



Advanced Search

➤ You can use Google advanced search to:

1. Refine your search result

for more specific results.

2. Search According to file Format.

3. Search According to Date,

language, region, usage rights ..etc.

Find pages with...

all these words:

Education

this exact word or phrase:

any of these words:

none of these words:

numbers ranging from:

to

Then narrow your results by...

language:

any language

region:

any region

last update:

anytime

site or domain:

terms appearing:

anywhere in the page

SafeSearch:

Show explicit results

file type:

any format

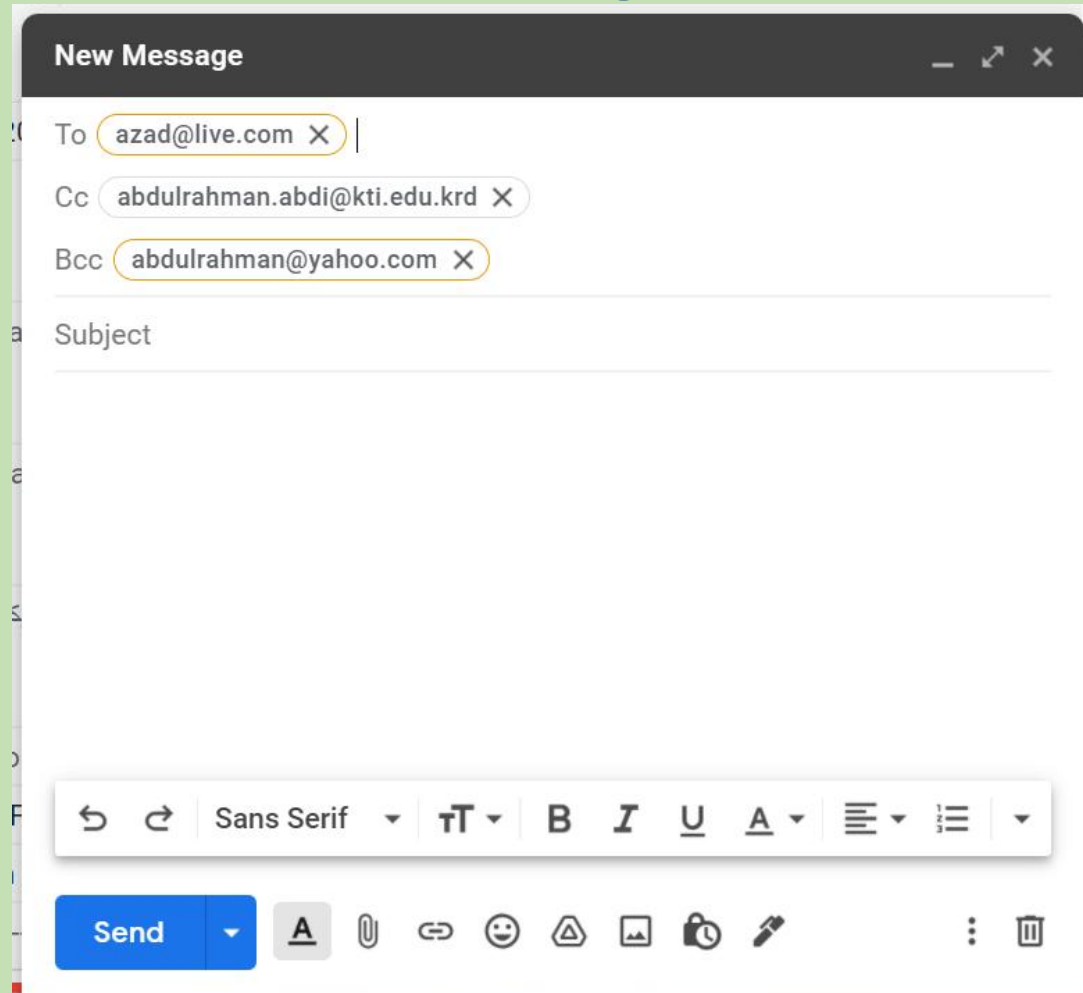
usage rights:

not filtered by licence

Electronic Mail

➤ To send an email, the user must do the followings:

1. Compose / New / Create
2. Insert the emails of the letter receivers.
3. Type the Subject of the Message.
4. Write the body of the Message.
5. Attach files to the email If needed.
6. User can change the Formatting of the message
7. Send the message.



The screenshot shows an email composition window titled "New Message". It features a dark header bar with window control icons (minimize, maximize, close). The main area is white and contains the following fields:

- To:** A text input field containing "azad@live.com" with a small 'X' icon to its right.
- Cc:** A text input field containing "abduhrahman.abdi@kti.edu.krd" with a small 'X' icon to its right.
- Bcc:** A text input field containing "abduhrahman@yahoo.com" with a small 'X' icon to its right.
- Subject:** A text input field that is currently empty.

Below the input fields is a rich text editor toolbar with various icons for undo, redo, font face (Sans Serif), font size (12), bold (B), italic (I), underline (U), text color (A), background color, bulleted list, numbered list, and indent. At the bottom of the window is a blue "Send" button with a dropdown arrow, followed by icons for text color, attachments, links, emojis, images, and a trash can icon.

Email Guidelines

- The importance of email **Subject**.
- Different types of email receivers (**To / CC / BCC**).
- Attaching files to emails (**Allowed File Types, Dangerous File Types, Size limits**).
- Email formatting options.