

## More computer concepts (computers and the internet)

Friday February 11, 2022

- Lecture
  - Demonstrate the ability to describe what a web browser is
  - Demonstrate the ability to describe the difference between a web browser and a computer program like Word
  - Demonstrate the ability to define
    - URL (Uniform Resource Locator)
    - HTTP (Hypertext Transfer Protocol) and HTTPS (Hypertext Transfer Protocol Secure)
    - Window
    - Tab
    - Bookmark
    - Link
  - Demonstrate the ability to explain in general terms the request/response cycle
  - Demonstrate the ability to explain what a login or account is and why it is needed
  - Demonstrate the ability to list some differences between a browser, a website, an email, an email client (like outlook), and a chat client (like whatsapp)
  - Demonstrate the ability to define "The Cloud"
  - Demonstrate the ability to list steps to "staying safe on the internet"
    - HTTP vs HTTPS
    - Log out of public computers
    - What makes a good password and where to save it
    - Keep sensitive information out of emails
    - Phishing emails
    - Install updates
- Practical
  - Demonstrate the ability to "go to a URL"
  - Demonstrate the ability to search Google
  - Demonstrate the ability to create a new tab and a new window
  - Demonstrate the ability to save a new bookmark to your browser
  - Demonstrate the ability to go "back" and "forward" and explore your "history"

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