IT LITERACY

MASTERING WEB

Agenda

- ▶ Introduction
- ▶ Browsers
- ▶ Searching
- ▶ Password Managers
- ▶ Google Extensions
- ▶ Bookmarks

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Introduction

Were you able to finish pre-class material?
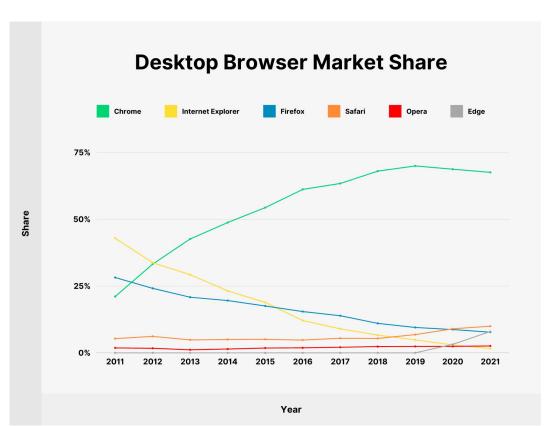
Introduction

What is the Browser?

▶ A web browser, often referred to simply as a browser, is a software application that allows users to access and view websites on the internet.

▶ It acts as an interface between the user and the World Wide Web, interpreting and rendering web pages and providing tools for navigation and interaction.

Most Popular Browser

▶ Chrome

▶ Firefox

▶ Safari

▶ Edge

▶ Opera

Desktop Browser Market Share

Chrome · Internet Explorer · Firefox · Safari · Opera · Edge

Browser Features and Functionality

- ▶ Tabbed Browsing

- ▶ Bookmarks and Favorites

- ▶ Search Engine Integration

- ▶ Autofill and Password Management
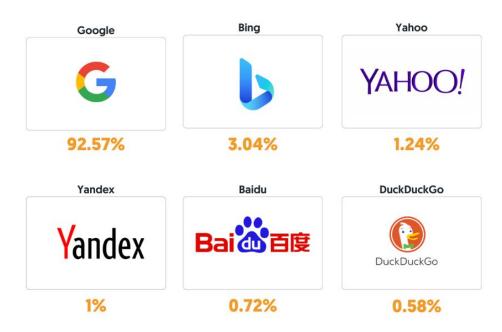
- ▶ Customization and Extensions

- ▶ Cloud Integration

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Searching Better

Popular Search Engines

▶ Google

▶ Bing

▶ Yahoo

▶ Yandex

SEARCH ENGINE MARKET SHARE 2023

Google	Bing	Yahoo
92.57%	3.04%	1.24%

Yandex	Baidu	DuckDuckGo
1%	0.72%	0.58%

Search Techniques

- Use Specific Keywords

- Use Quotation Marks

- Boolean Operators (AND, OR, NOT)

- 'how to' use them to refine search results

- Exclude Words

- Use Advanced Search Operators (site:)

- Search within a Web Page (ctrl + F)

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Making Better Choices

Making Better Choices on Browsers

- ▶ Choose a Reliable Search Engine

- ▶ Be Specific with Keywords

- ▶ Utilize Advanced Search Operators

- ▶ Evaluate Search Results

- ▶ Verify Information

- ▶ Fact-Check

Password Managers

Password Managers

- A password manager is a software tool or service designed to securely store and manage passwords for various online accounts and services.

- It provides a convenient and secure way to generate, store, and automatically fill in passwords for different websites and applications.

Benefits of Password Managers

- ▶ Enhanced Security

- ▶ Simplified Password Management

- ▶ Auto-Fill and Auto-Login

- ▶ Secure Password Storage

- ▶ Synchronization Across Devices

- ▶ Password Strength Analysis

- ▶ Two-Factor Authentication (2FA) Integration

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What is Two-Step Authentication

▶ Two-step authentication, also known as two-factor authentication (2FA) or multi-factor authentication (MFA), is a security measure used to protect online accounts by requiring users to provide two or more different types of authentication factors to verify their identity.

▶ It adds an extra layer of security beyond just a username and password.

How Two-Step Authentication Works

How Two-Step Authentication Works

▶ Username and Password

▶ Second Authentication Factor

  a. Something You Know

  b. Something You Have

  c. Something You Are

▶ Verification and Access

Two-Step Authentication Methods

- ▶ SMS Verification

- ▶ Email Verification

- ▶ Authenticator Apps

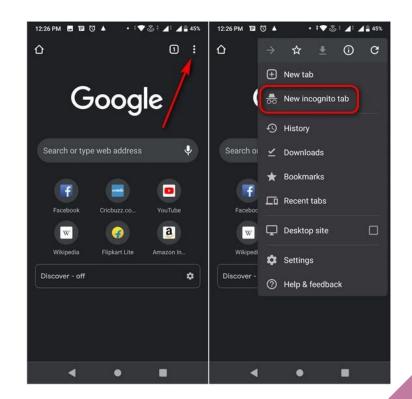- ▶ Hardware Tokens

Anonymous Browsing

Anonymous Browsing

▶ Anonymous browsing refers to the practice of using a web browser's privacy features, such as incognito mode, to browse the internet without the browser storing browsing history, cookies, or other data associated with the user's online activities.

▶ It aims to provide a level of privacy by preventing the browser from retaining information about the user's browsing session. However, it does not guarantee complete anonymity, as other entities may still be able to track or monitor internet traffic.

How to Use Anonymous Browsing

- ▶ Open a Web Browser

- ▶ Activate Private Browsing/Incognito Mode

- ▶ Start Anonymous Browsing

- ▶ Browsing in Private Mode

- ▶ Continue Browsing as Usual

- ▶ Close the Private Browsing Window

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Chrome Extensions

Chrome Extensions

▶ Chrome extensions are small software programs that can be installed on the Google Chrome web browser to enhance its functionality and customize the browsing experience.

▶ They are developed using web technologies like HTML, CSS, and JavaScript. Chrome extensions provide additional features, tools, or integrations within the browser, allowing users to personalize and extend the capabilities of Chrome.
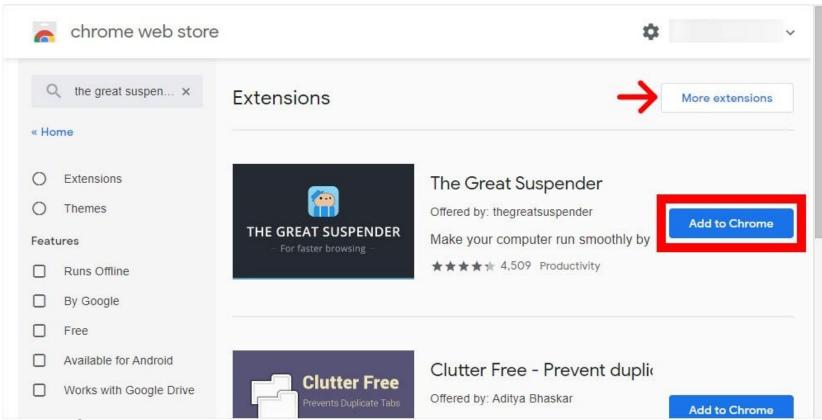
Chrome Extensions

The Best **Chrome Extensions & Add-ons**

Best Chrome Extensions

- ▶ LastPass

- ▶ Grammarly

- ▶ Adblock Plus

- ▶ Evernote Web Clipper

- ▶ OneTab

- ▶ Honey

- ▶ ....
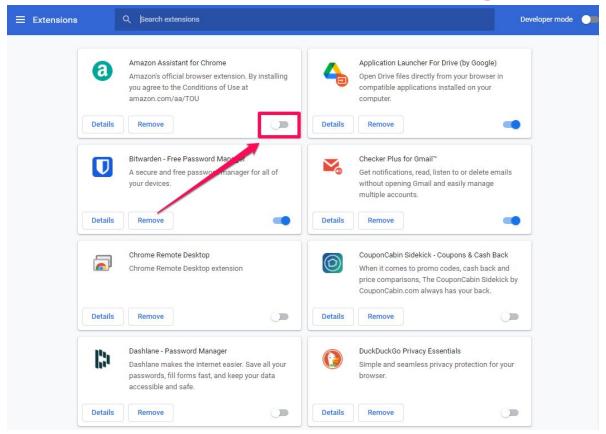
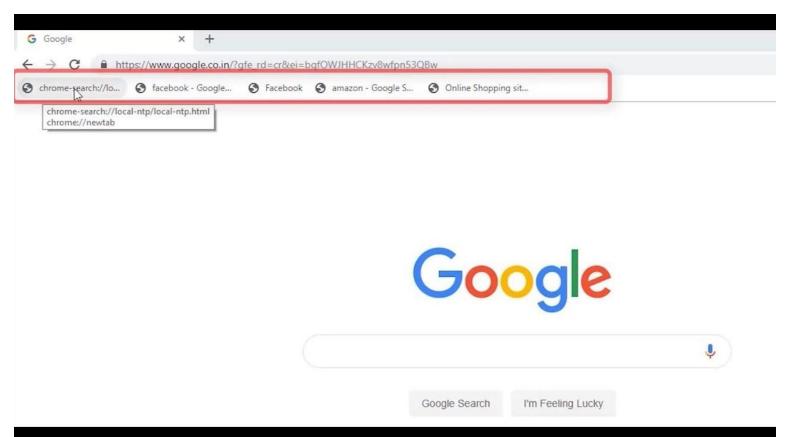# How to Add Chrome Extensions

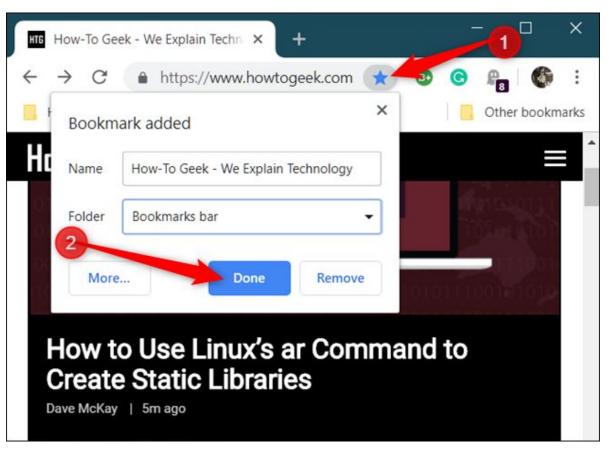# Chrome Extensions Settings

Bookmarks

What is Bookmark?

▸ Bookmarks in a web browser are a way to save and organize specific web pages or URLs for quick access later.

▸ They act as shortcuts to your favorite or frequently visited websites, allowing you to easily revisit them without having to remember or type in the full URL each time.
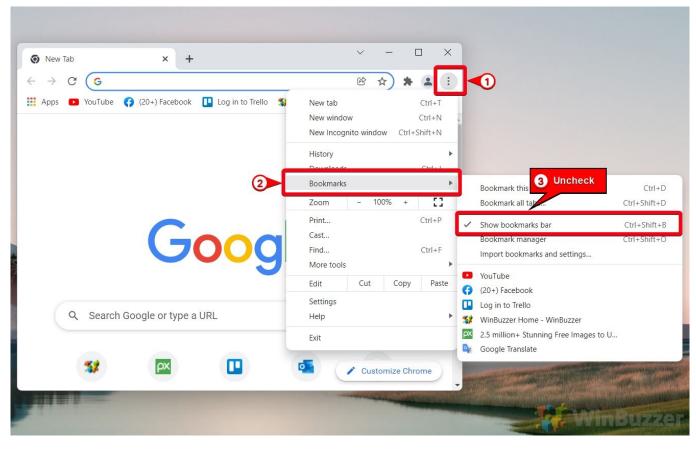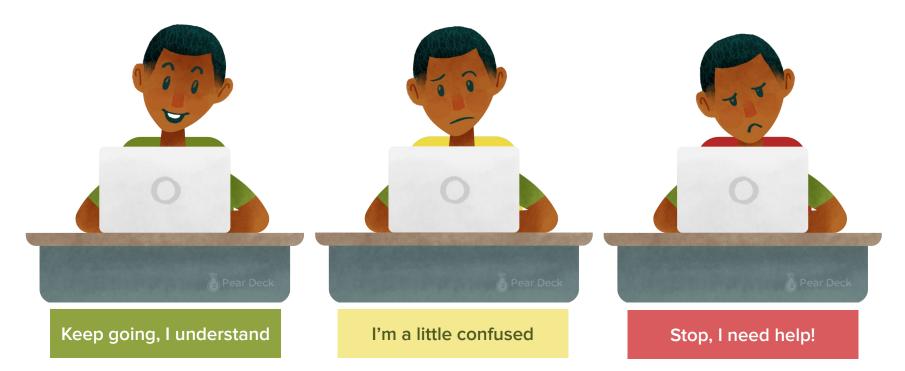
How to Add Bookmarks

Show Bookmarks

Drag your dot to how you are feeling:

Keep going, I understand

I'm a little confused

Stop, I need help!

Students, drag the icon!

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THANKS!

Any questions?