WEB BROWSING MADE EASIER

TOM SHEPHERD

UPCOMING EVENTS AT GRAND COMPUTERS CLUB

February 9, 2023
8:30am
Chaparral Center, Pima Room
Coffee Chat: 10 Great Websites for Seniors
Coffee and donuts provided

February 14, 2023
9:30am
Chaparral Center, Hopi Room
New to Computers: Streaming Music

UPCOMING EVENTS AT GRAND COMPUTERS CLUB

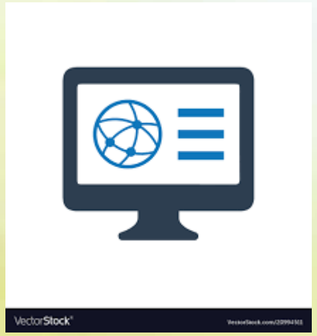
February 14, 2023
9:30am
Chaparral Center, Hopi Room
New to Computers: Streaming Music

TODAY'S
AGENDA

What is a Web Browser?
What are the major ones?
Bookmarks and Popups
Zooming and Printing
The future
Using the Grand Computers Website
Q&A

What exactly is a “Web Browser”

A **web browser** (also referred to as an **Internet browser** or simply a **browser**) is application software for accessing the World Wide Web or a local website. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.



The first Web Browsers

1993 was a landmark year with the release of Mosaic, credited as "the world's first popular browser". Its innovative graphical user interface made the World Wide Web system easy to use and thus more accessible to the average person. This, in turn, sparked the Internet boom of the 1990s, when the Web grew at a very rapid rate. Marc Andreessen, the leader of the Mosaic team, soon started his own company, Netscape, which released the Mosaic-influenced Netscape Navigator in 1994. Navigator quickly became the most popular browser.

The first Web Browsers

Microsoft debuted Internet Explorer in 1995, leading to a browser war with Netscape. Within a few years, Microsoft gained a dominant position in the browser market for two reasons: it bundled Internet Explorer with its popular Windows operating system and did so as freeware with no restrictions on usage. The market share of Internet Explorer peaked at over 95% in the early 2000s.[19]

The first Web Browsers

In 1998, Netscape launched what would become the Mozilla Foundation to create a new browser using the open source software model. This work evolved into the Firefox browser, first released by Mozilla in 2004. Firefox market share peaked at 32% in 2010.

The first Web Browsers

Apple released its Safari browser in 2003. Safari remains the dominant browser on Apple devices, though it did not become popular elsewhere

The first Web Browsers

Google debuted its Chrome browser in 2008, which steadily took market share from Internet Explorer and became the most popular browser in 2012. Chrome has remained dominant ever since

The first Web Browsers

Microsoft released its Edge browser in 2015 as part of the Windows 10 release

What's the Difference Between a Web Browser and a "Search Engine" ?

A web browser is not the same thing as a search engine, though the two are often confused. A search engine is a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Google

Is a company and it’s original product was the Google Search Engine

But as mentioned earlier, it then developed it’s own browser, Chrome

Microsoft

Originally had Internet Explorer , then replaced it recently with Edge

Edge is based on Chrome and looks very similar

Microsoft also has their own Search Engine, called Bing

These various browsers were developed back “in the day” when most users accessed the Web from either a PC or a Mac

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That meant that users had a fairly large screen, a full keyboard, and a mouse

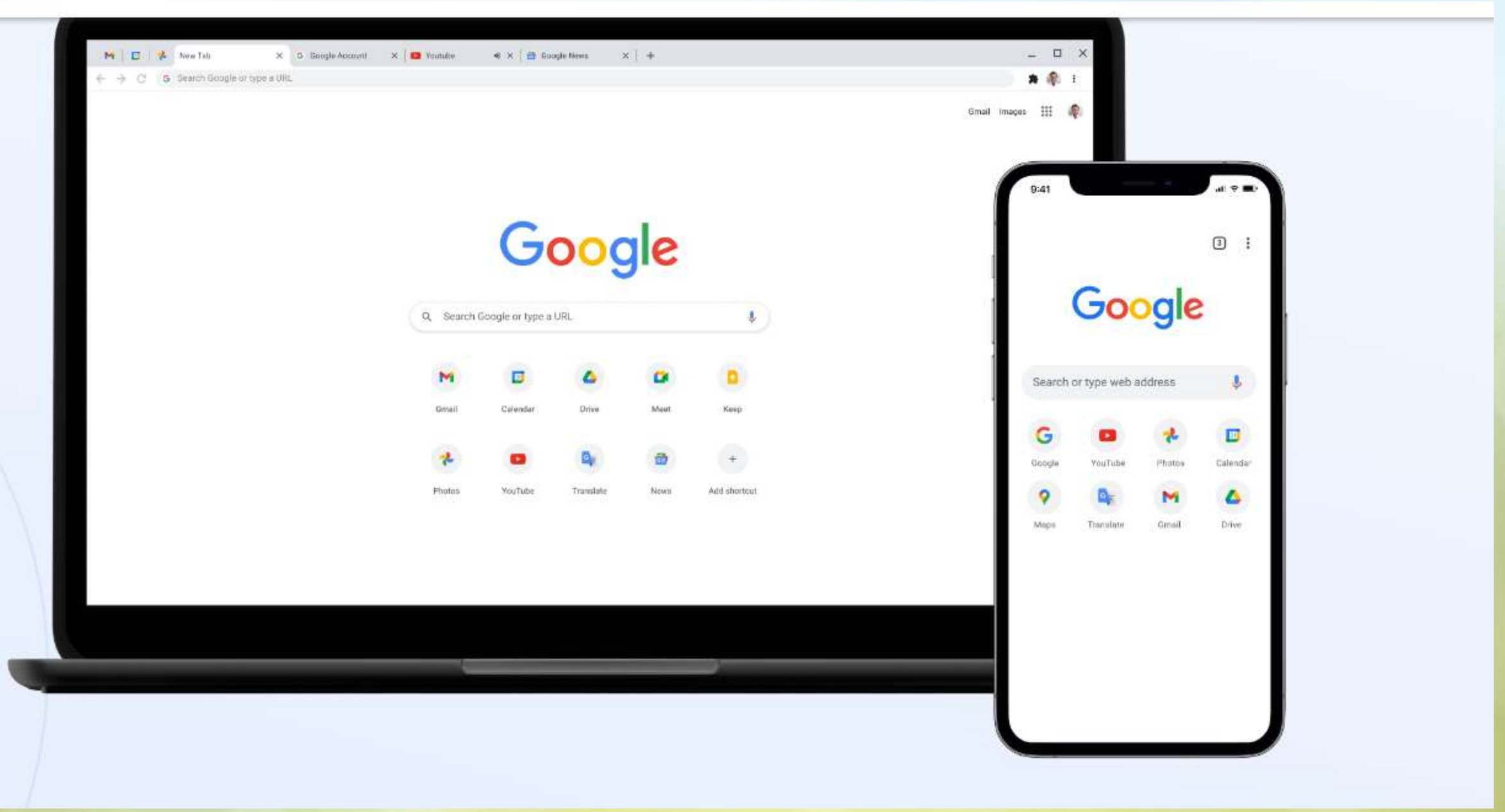
This became more complicated with the rise of handheld devices, i.e. smart phones

Now these browsers had to adapt to the much smaller screen sizes of smart phones, and the usage of a touch screen

Today the browsers have mostly the same capabilities on a PC/Mac or Smart Phone

But

Things look different on the phone


New Tab
Google Account
Youtube
Google News
Search Google or type a URL
Gmail
Images
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Gmail
Calendar
Drive
Meet
Keep
Photos
YouTube
Translate
News
Add shortcut
9:41
Google
Search or type web address
Google
YouTube
Photos
Calendar
Maps
Translate
Gmail
Drive

Some capabilities of the browser are not shown by default on the phone because there is just not enough room; you may have to scroll up or down, or in some cases, swipe left or right, to find more options

Each company has a default browser for their devices

Apple has Safari
Windows PCs have Edge
Android devices have Chrome

What if I don’t want to use the default on my device ?

You can install Chrome, and most people do, on Windows PCs

You can also install Chrome on an Apple product

What if I don’t want to use the default on my device ?

Many Windows/PC users still use Firefox
It is something they are familiar with and still is very good

Note for Windows 11

With Windows 11, Microsoft is really pushing users to adopt Edge
It is integrated into many aspects of 11 and you have to “opt out” not to use it

What is a Bookmark ?

Here’s a formal definition

Using a World Wide Web browser, a bookmark is a saved link to a Web page that has been added to a list of saved links. When you are looking at a particular Web site or home page and want to be able to quickly get back to it later, you can create a bookmark for it. You can think of your browser as a book full of (millions of) Web pages and a few well-placed bookmarks that you have chosen. The list that contains your bookmarks is the "bookmark list" (and sometimes it's called a "hotlist.")

Bookmarks vs Favorites

Are they the same ?

Bookmarks and Favorites are very similar

Some browsers use them interchangeably

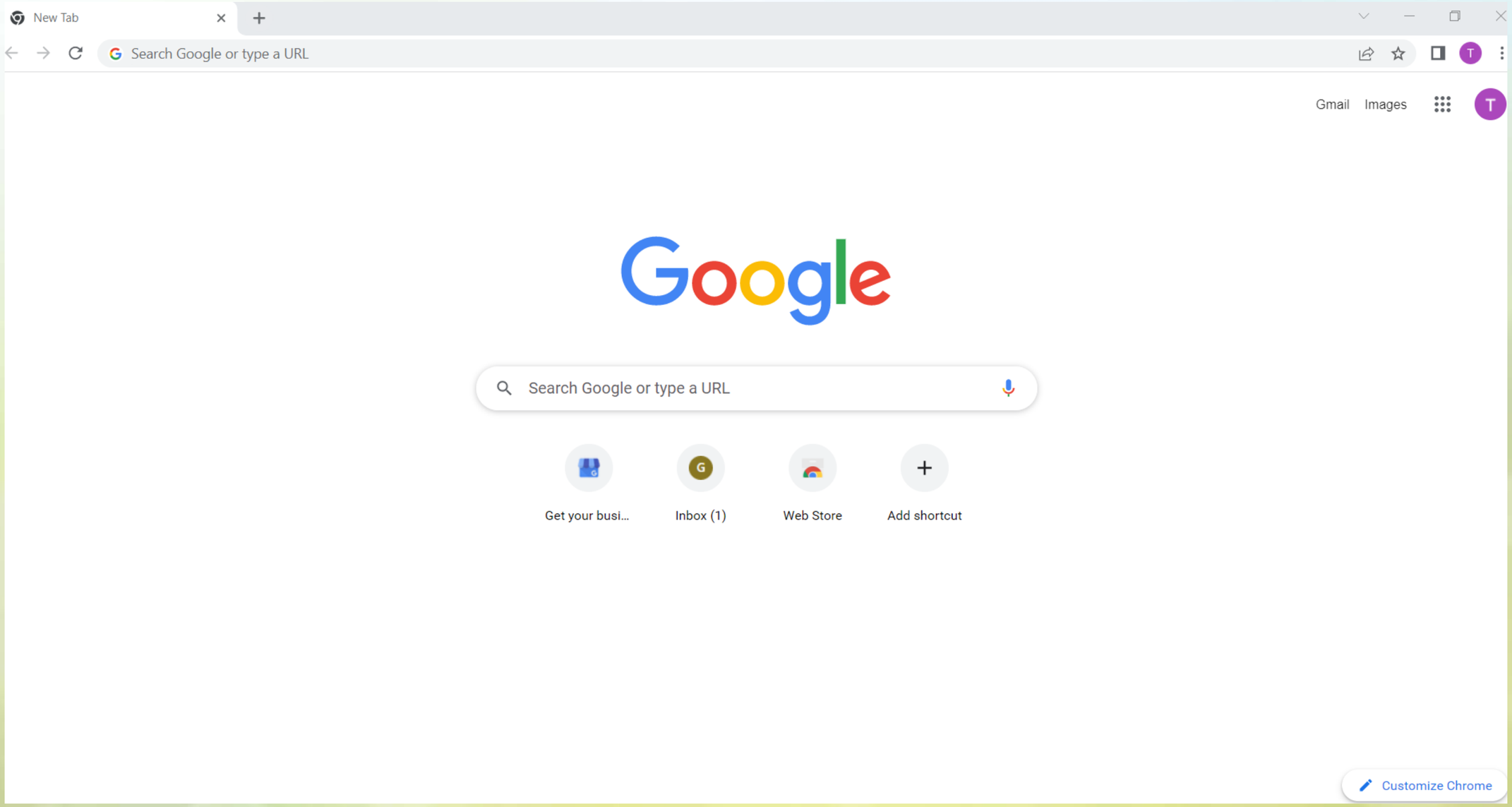
Their function is to allow you to save a “placeholder” for accessing a web site you frequently use

Either one speeds up the process because you don’t have to search , you just click on the “placeholder”

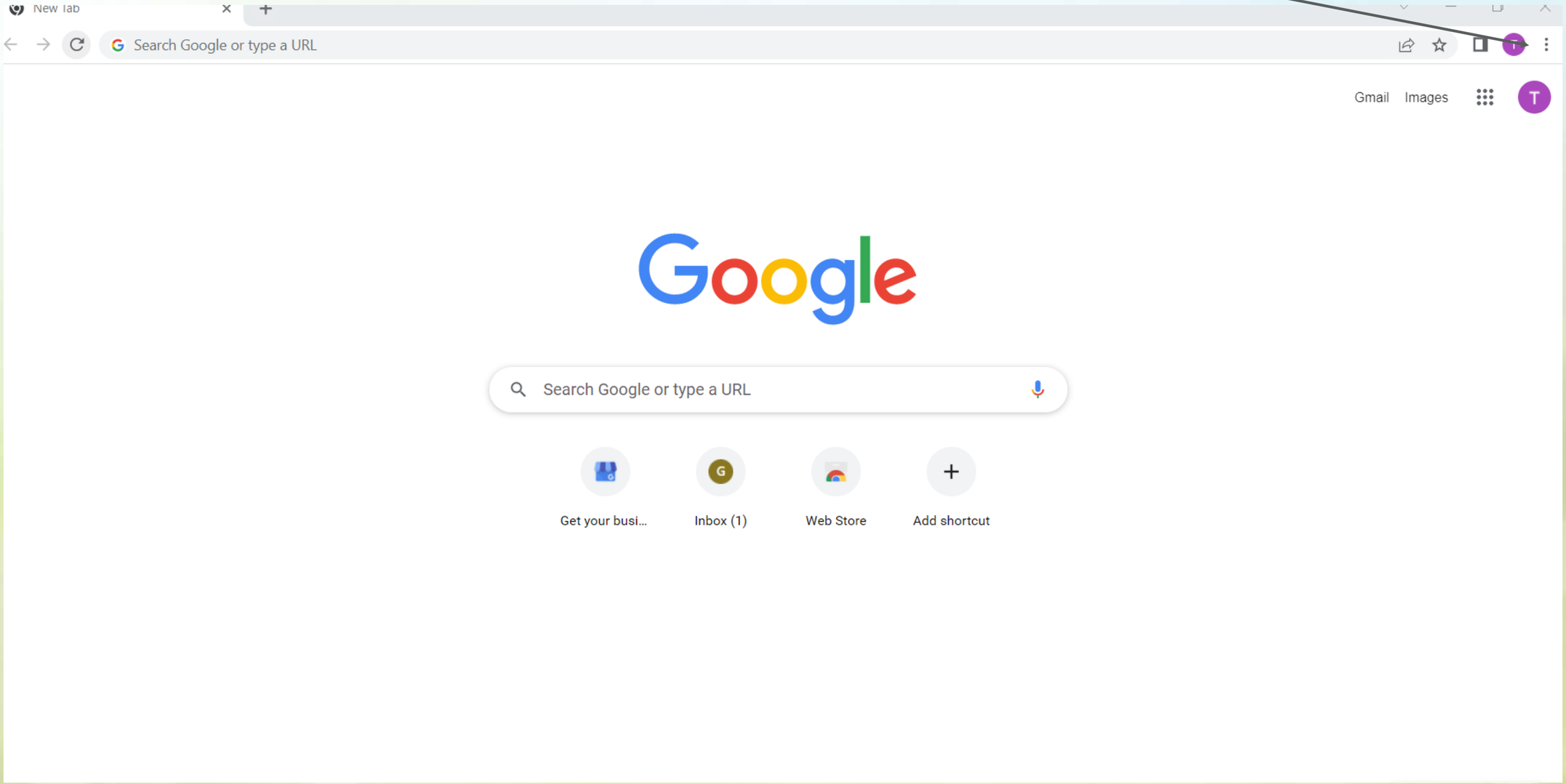
Where do I put my bookmarks

For Google Chrome, bookmarks show up on the Bookmarks “Bar”

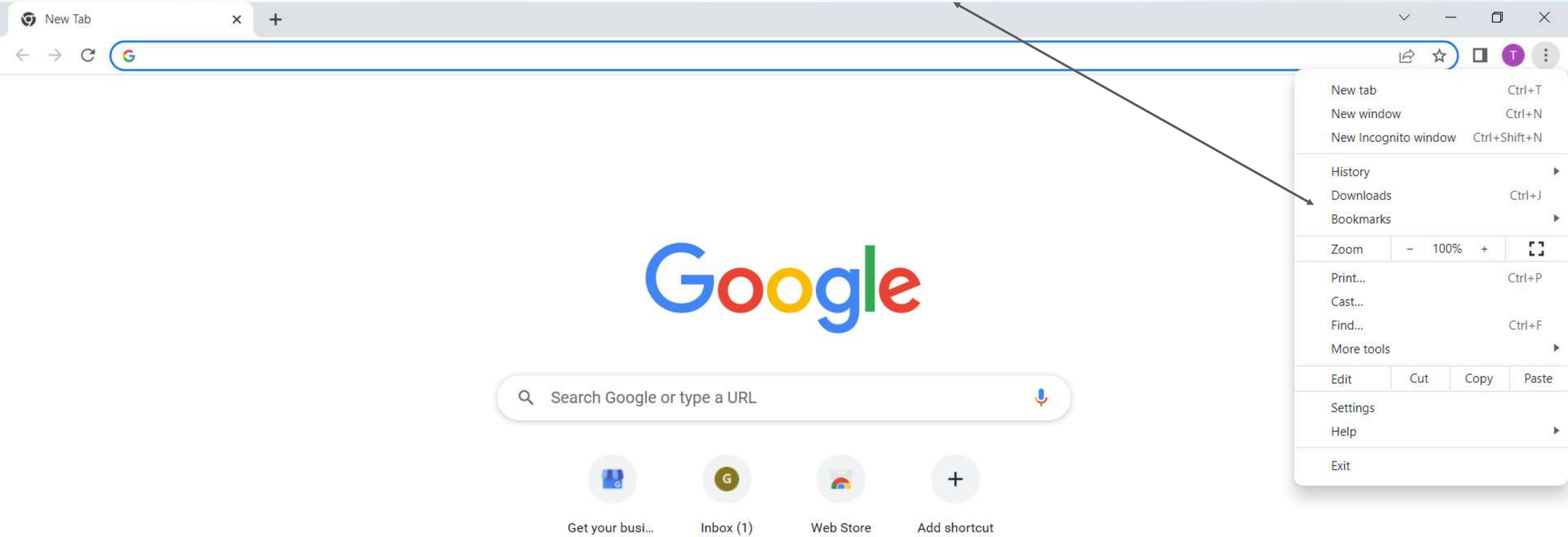
Here is Google Chrome on a Windows 11 Laptop
This is plain vanilla with no bookmarks



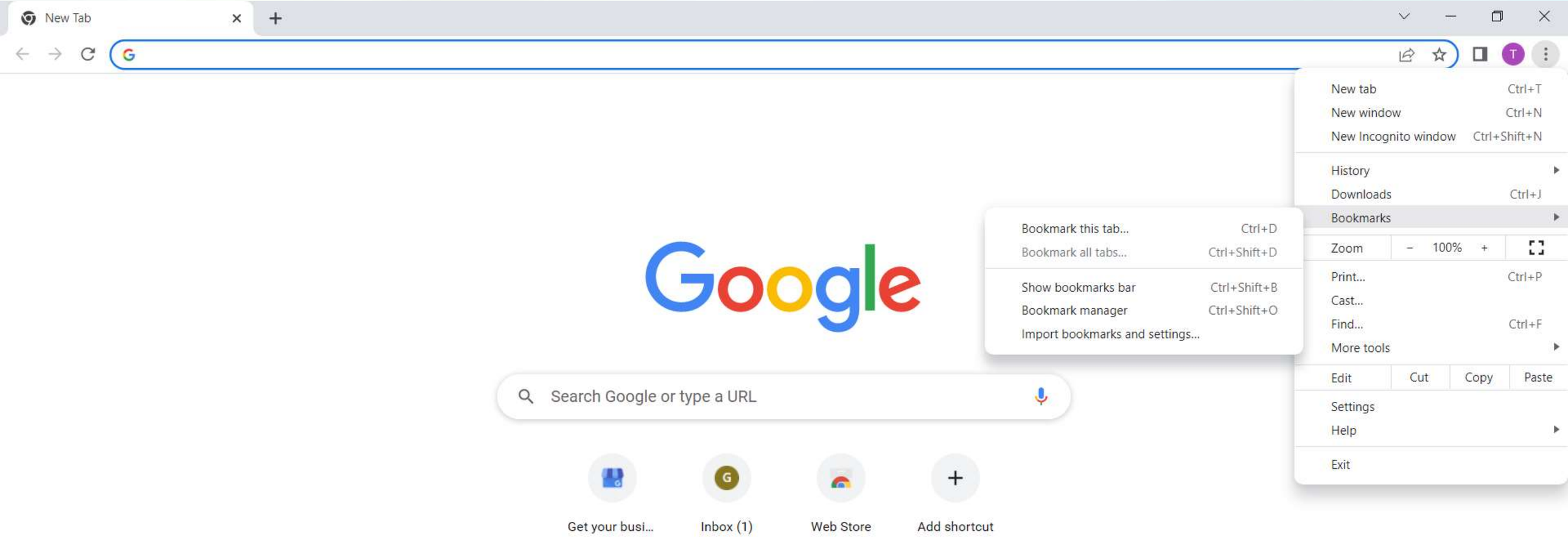
Click on the three dots



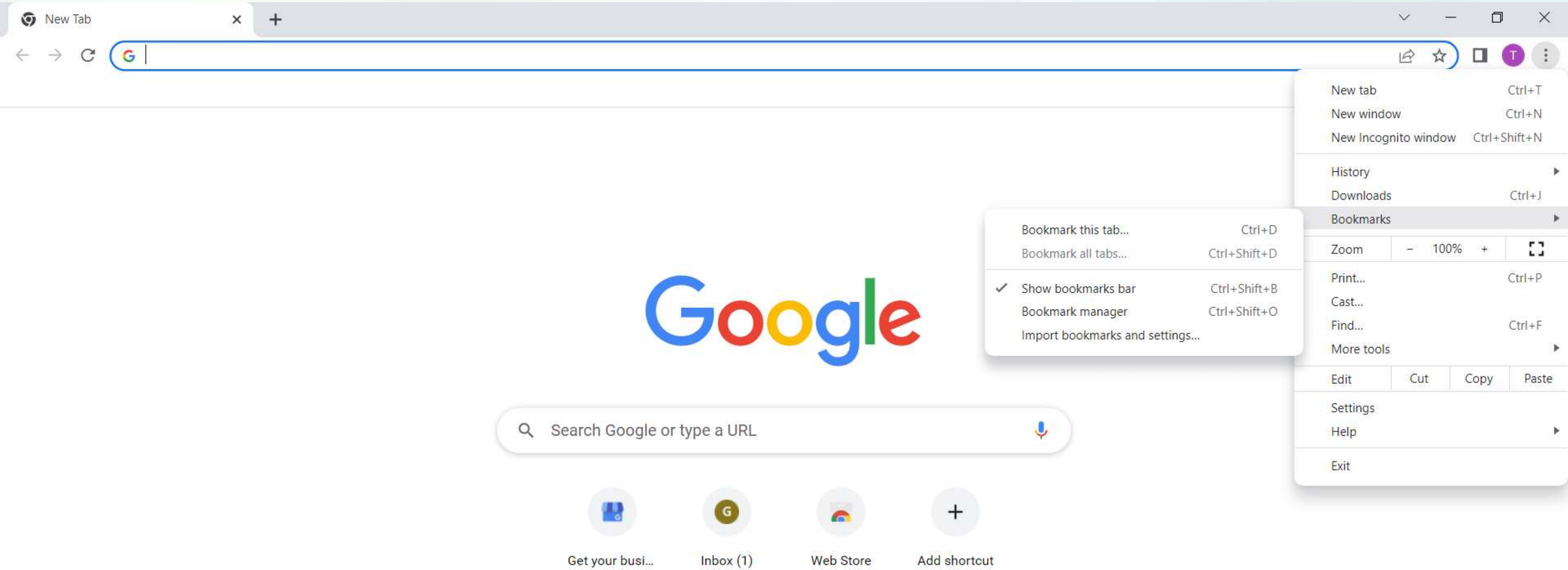
And this little window pops up on the left – see where is says Bookmarks, well click on that



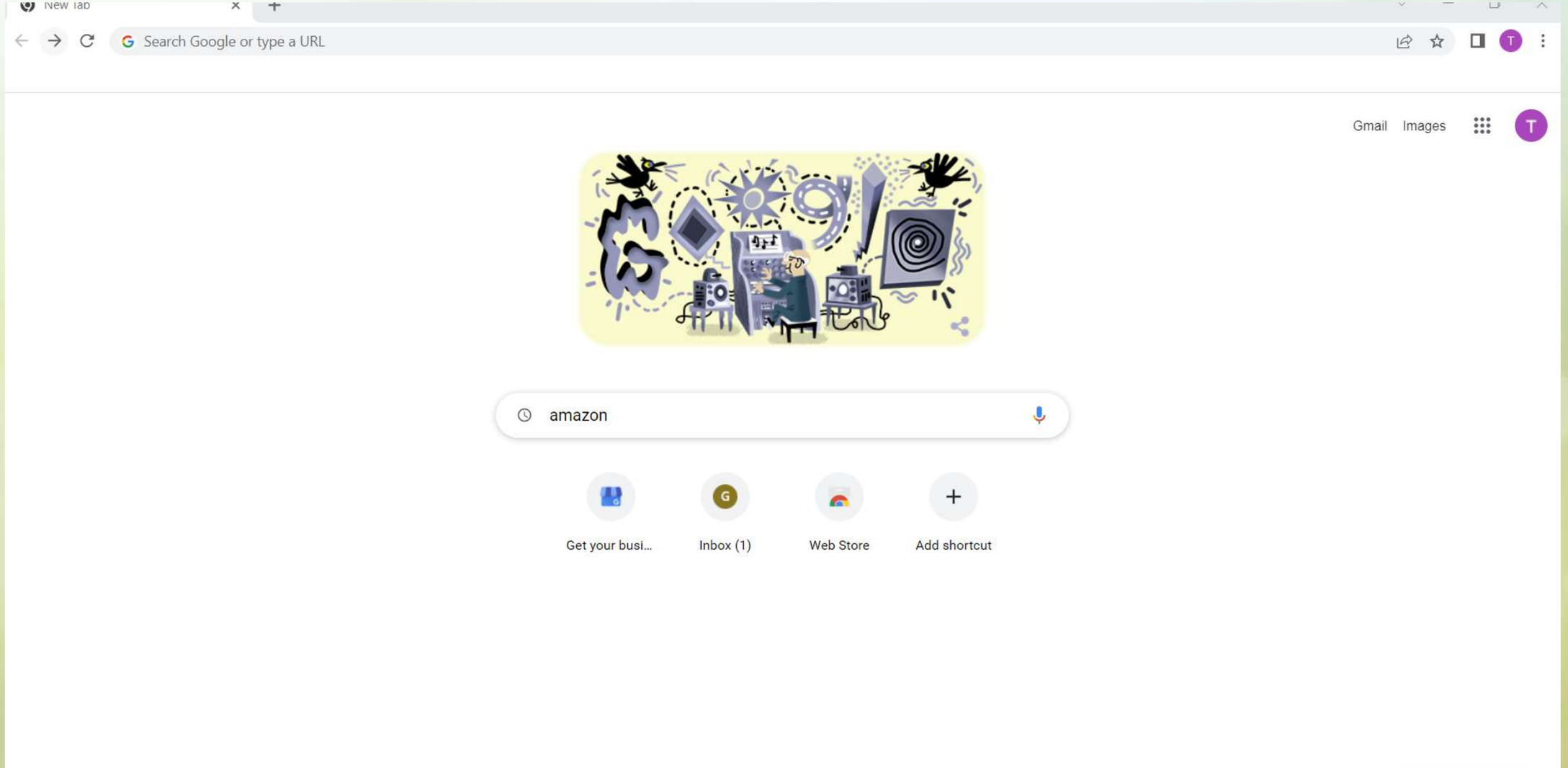
And then you get options to Bookmark this tab and more importantly, show Bookmarks bar



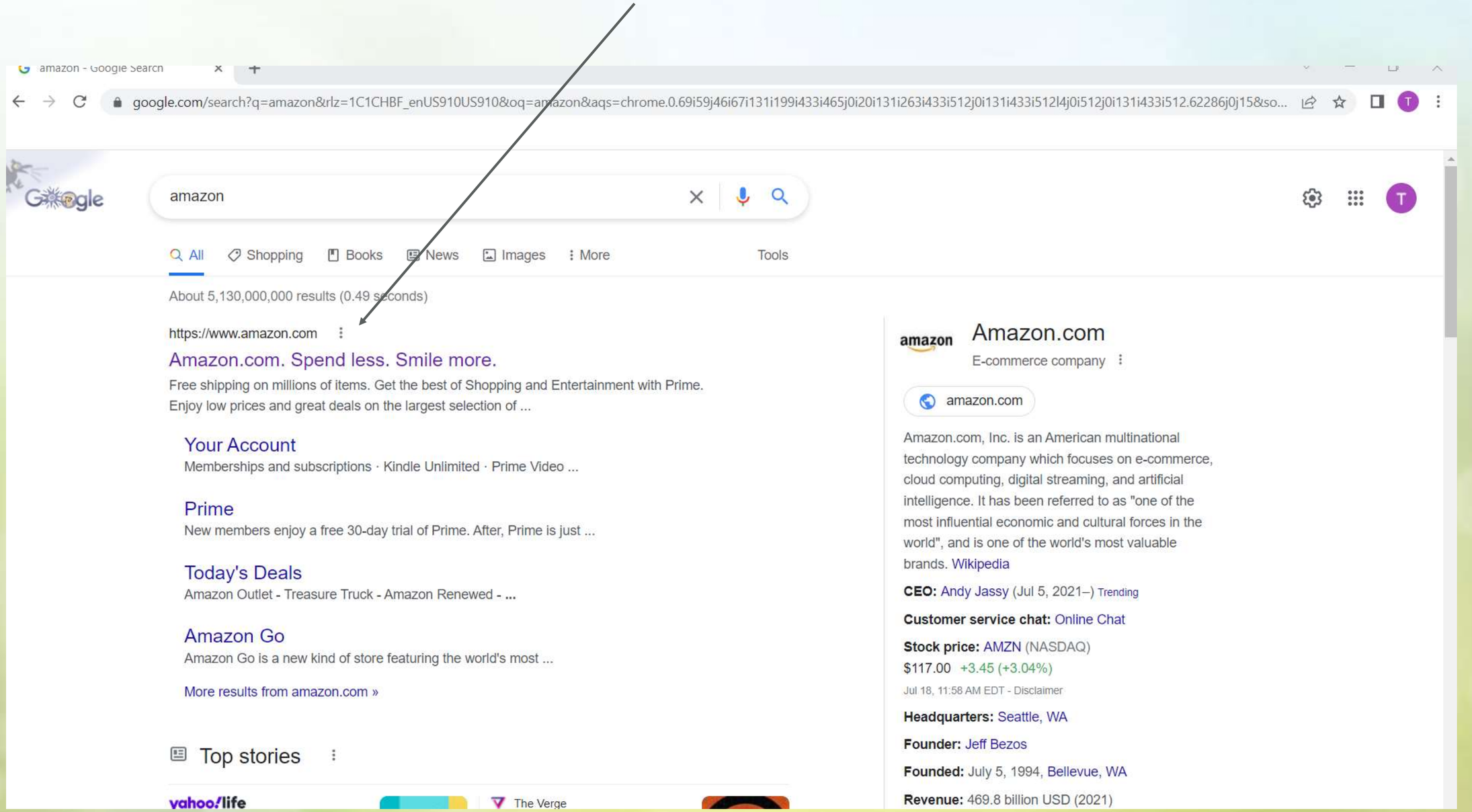
I clicked ”Show bookmarks bar” but nothing happens
That’s because I don’t have any bookmarks yet – lets create one



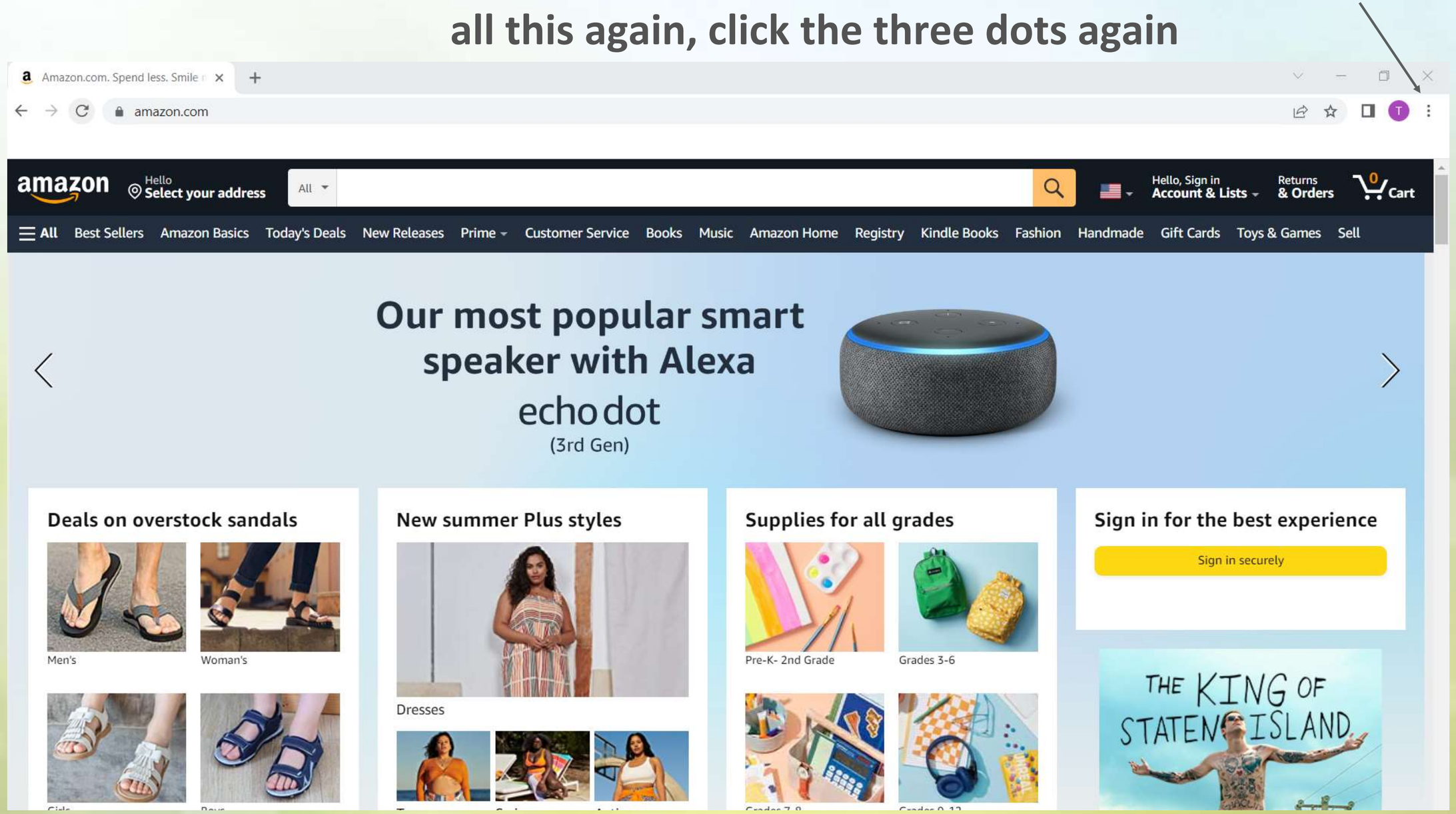
Let’s say I want to access Amazon a lot – first I do a search



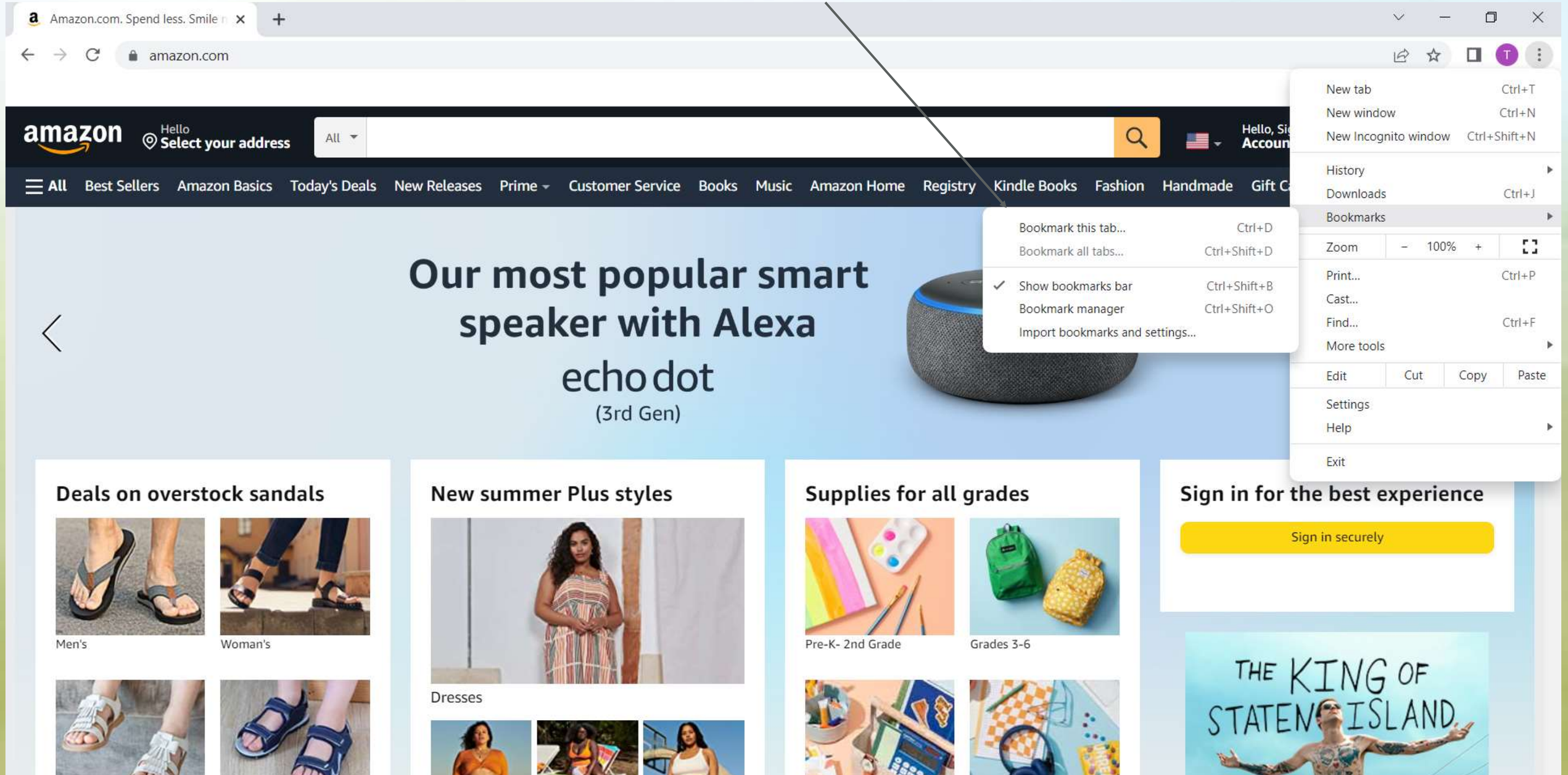
Here is what the search shows – I will click the first entry



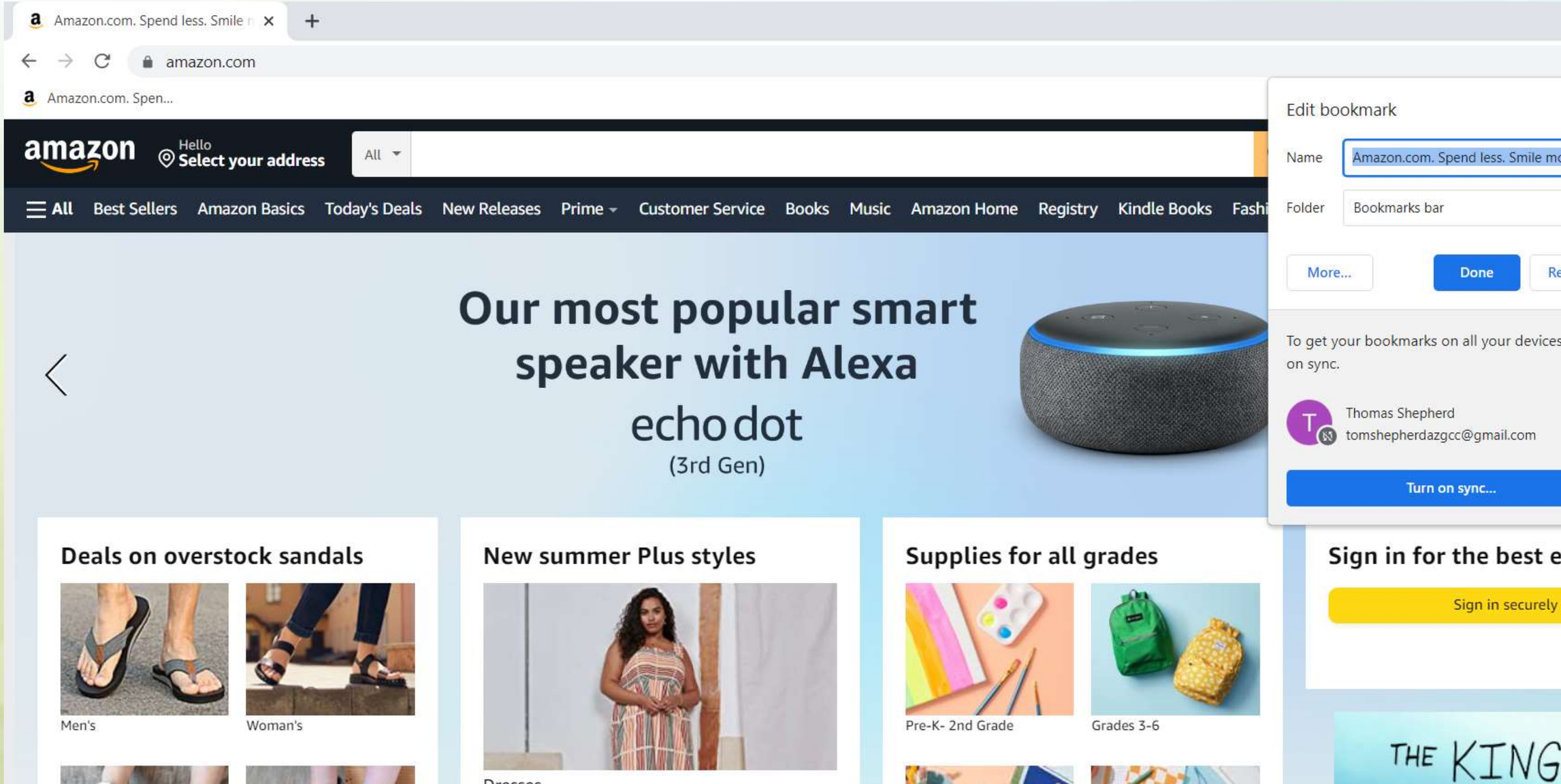
Up pops up the Amazon page – now to create a bookmark for this so I don't have to go through all this again, click the three dots again



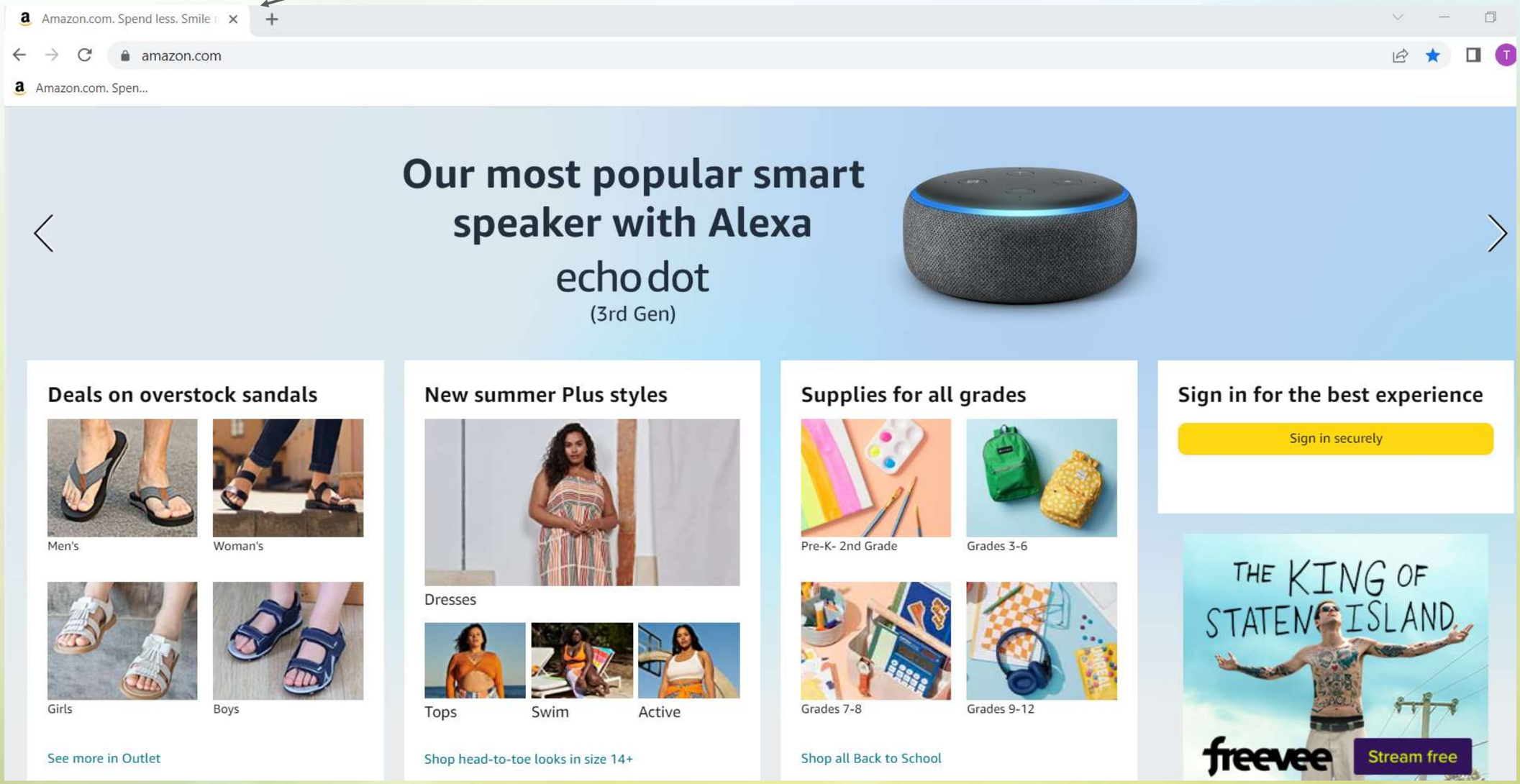
The little window pops up again on the right, I select Bookmarks and then Bookmark this tab



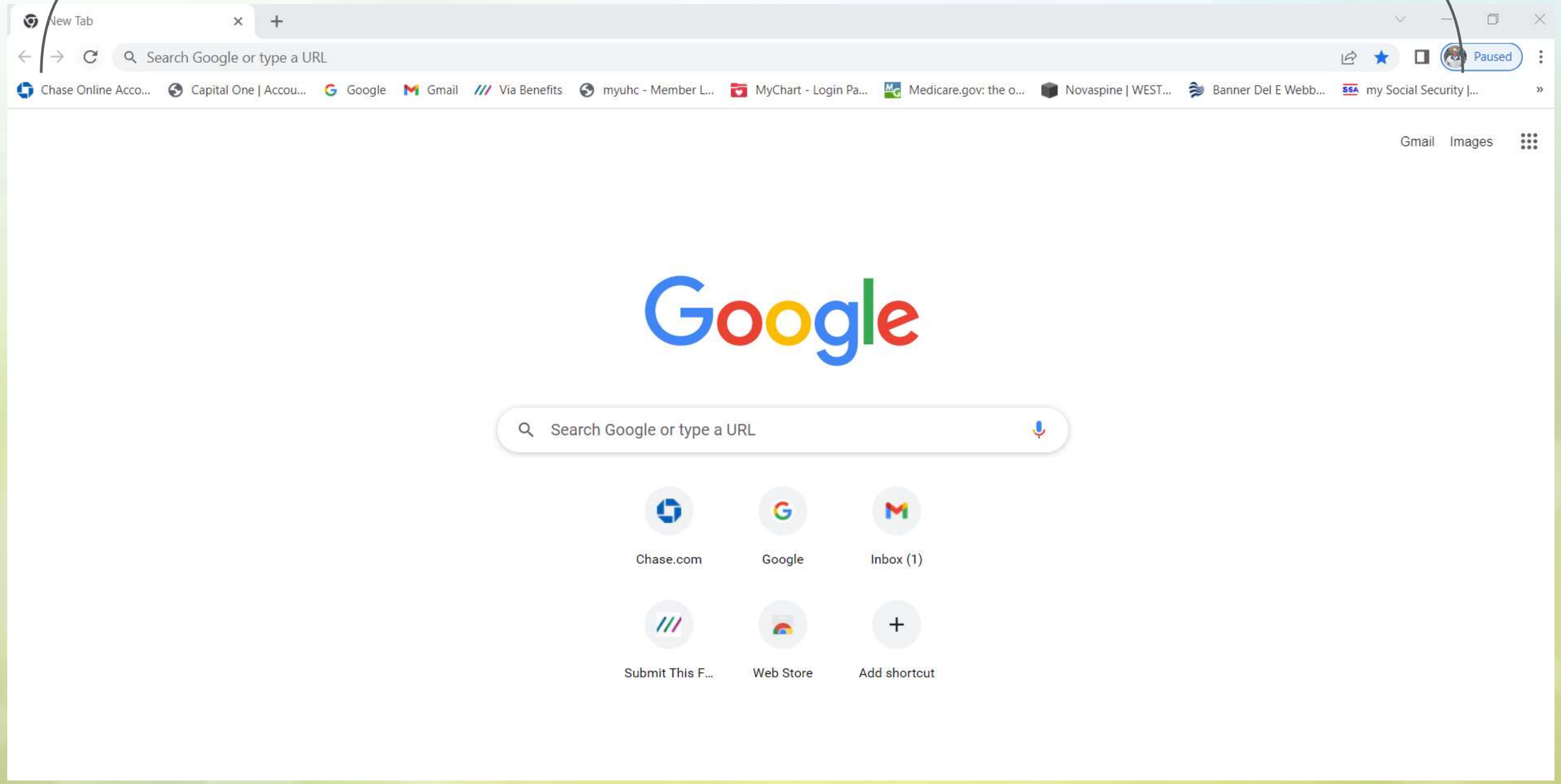
Now the little window shows me it is going to create a book and put it in the Bookmarks bar



And now on the top left of the screen I have a bookmark for Amazon



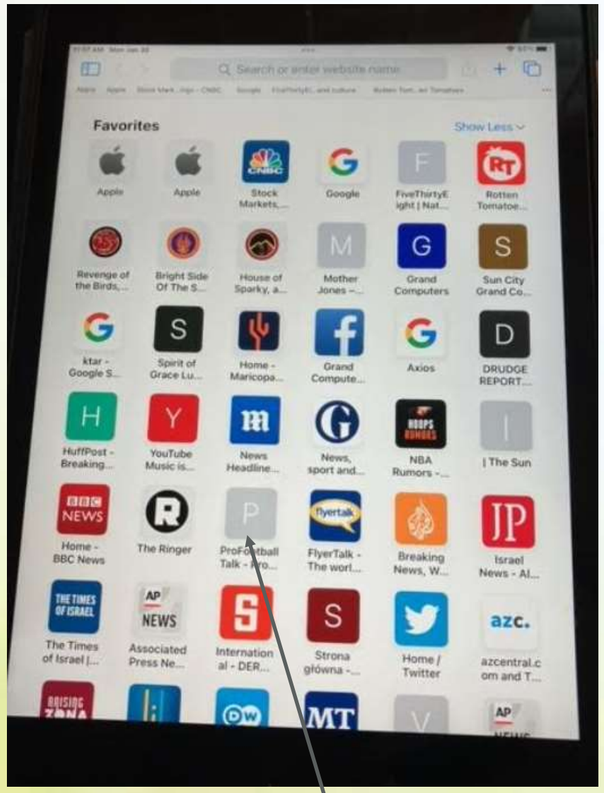
And here is an example with lots of bookmarks on the bookmark bar



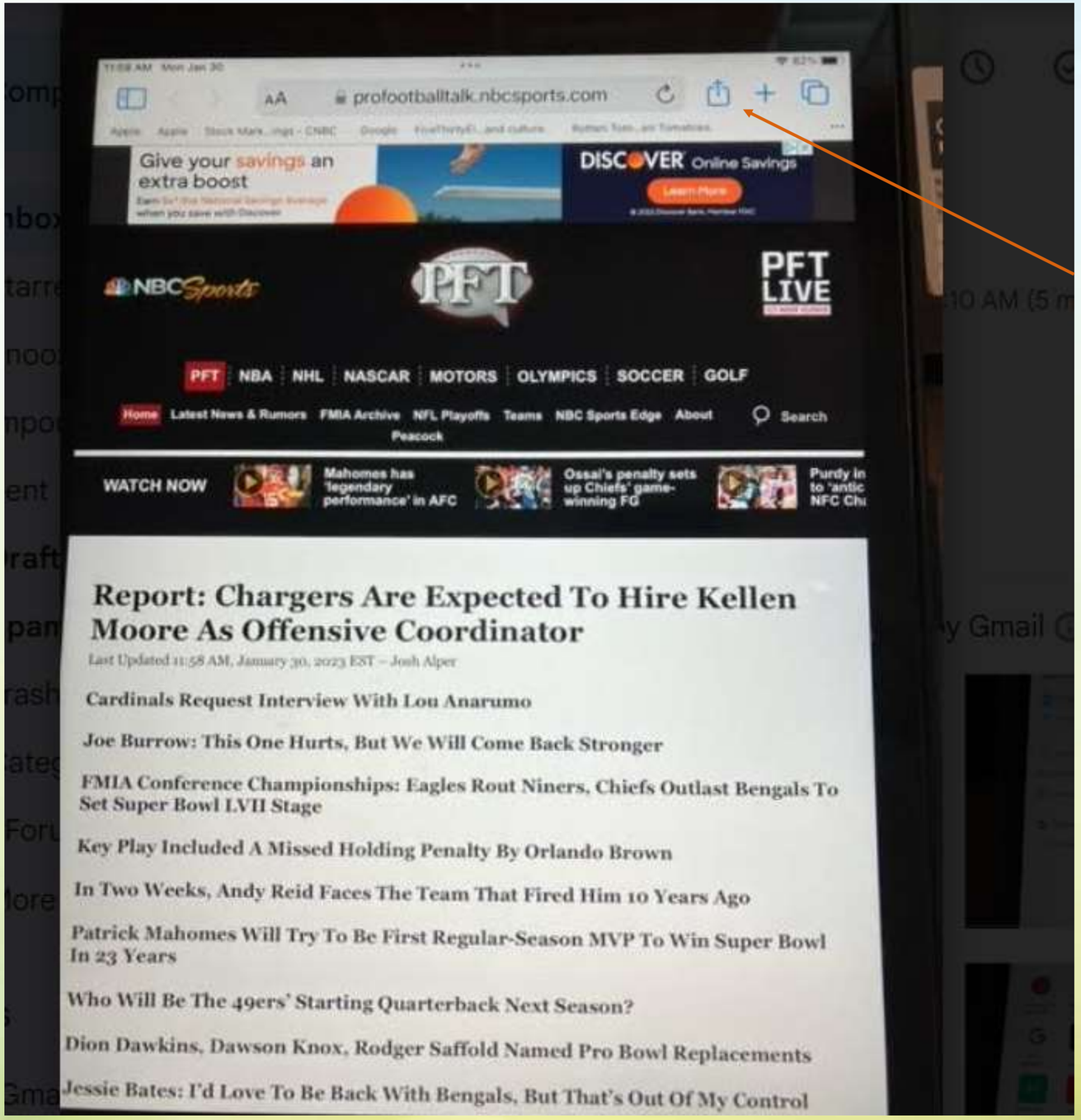
What about Apple users and Safari ?

Apple Safari has the same concept but features both bookmarks and favorites

Here is my iPad opened to Safari

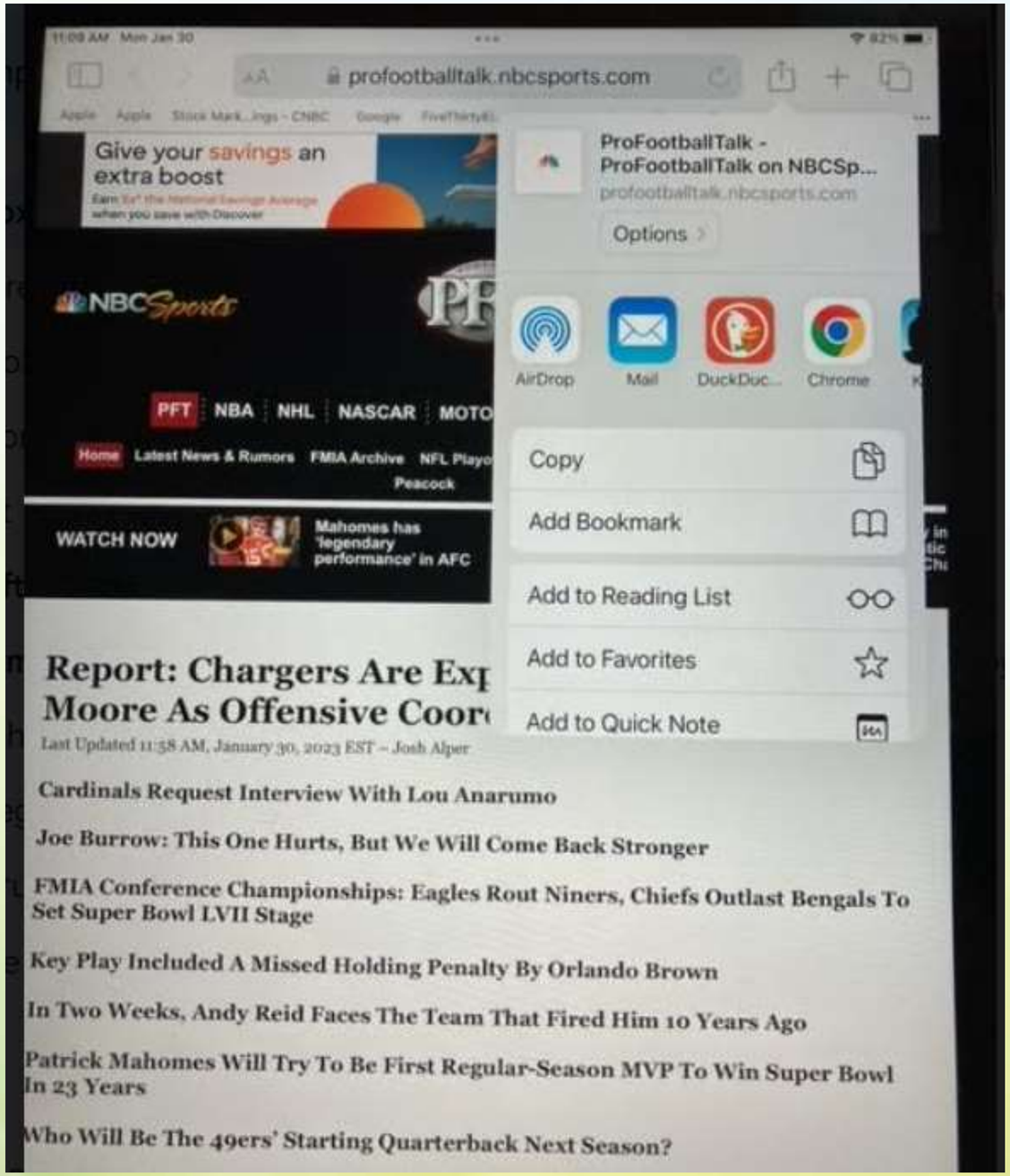


I select the web site Pro Football Talk



Here is that website

If I click on this



These choices show up
I can either add this webpage as a Bookmark or as a Favorite

THE BASICS OF BOOKMARKS AND FAVORITES

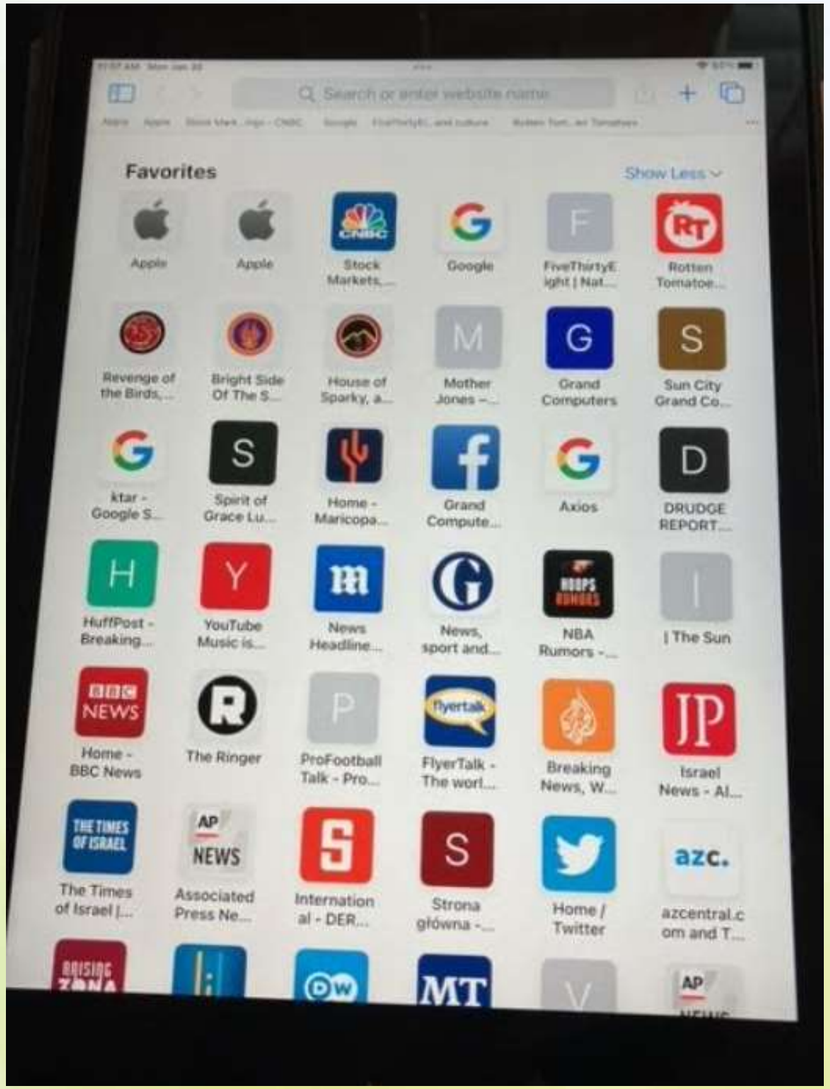
The bookmarks on Safari function like any other browser — you save links in it. For proper organization, you can create different folders under bookmarks to categorize your links. For instance, you can have your tech links in one folder, sports links in another, and so on.

Favorites is a pre-made category under bookmarks. You can call it a special type of bookmarks folder bestowed with certain privileges.

SPECIALTY OF FAVORITES

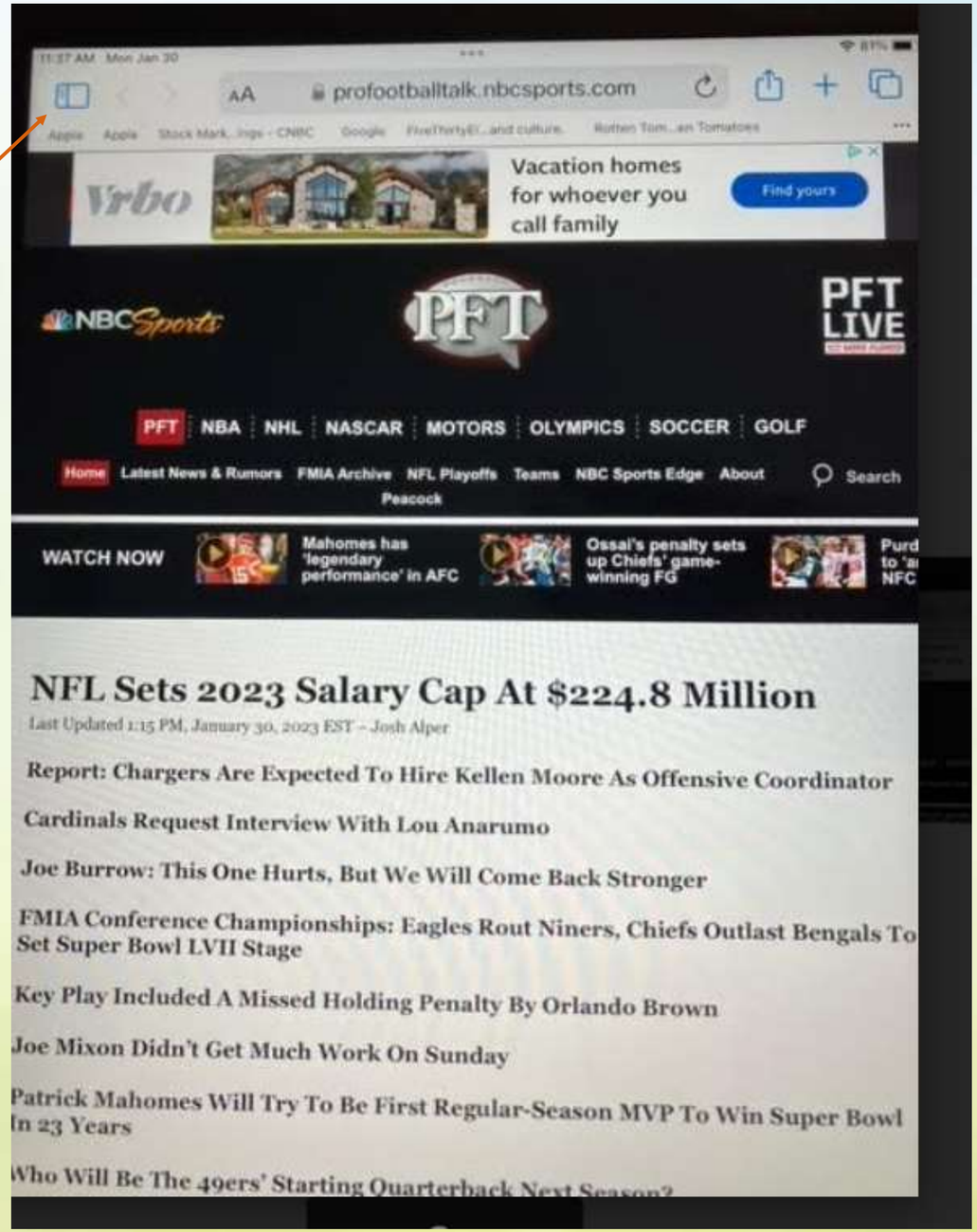
The thing that makes links under the favorites category special is that they are available on the home screen of Safari. That is, links under favourites show up as shortcuts when you open a new tab in Safari browser. Thanks to that, you can access certain sites quickly with just a tap or two.

Here is my iPad opened to Safari

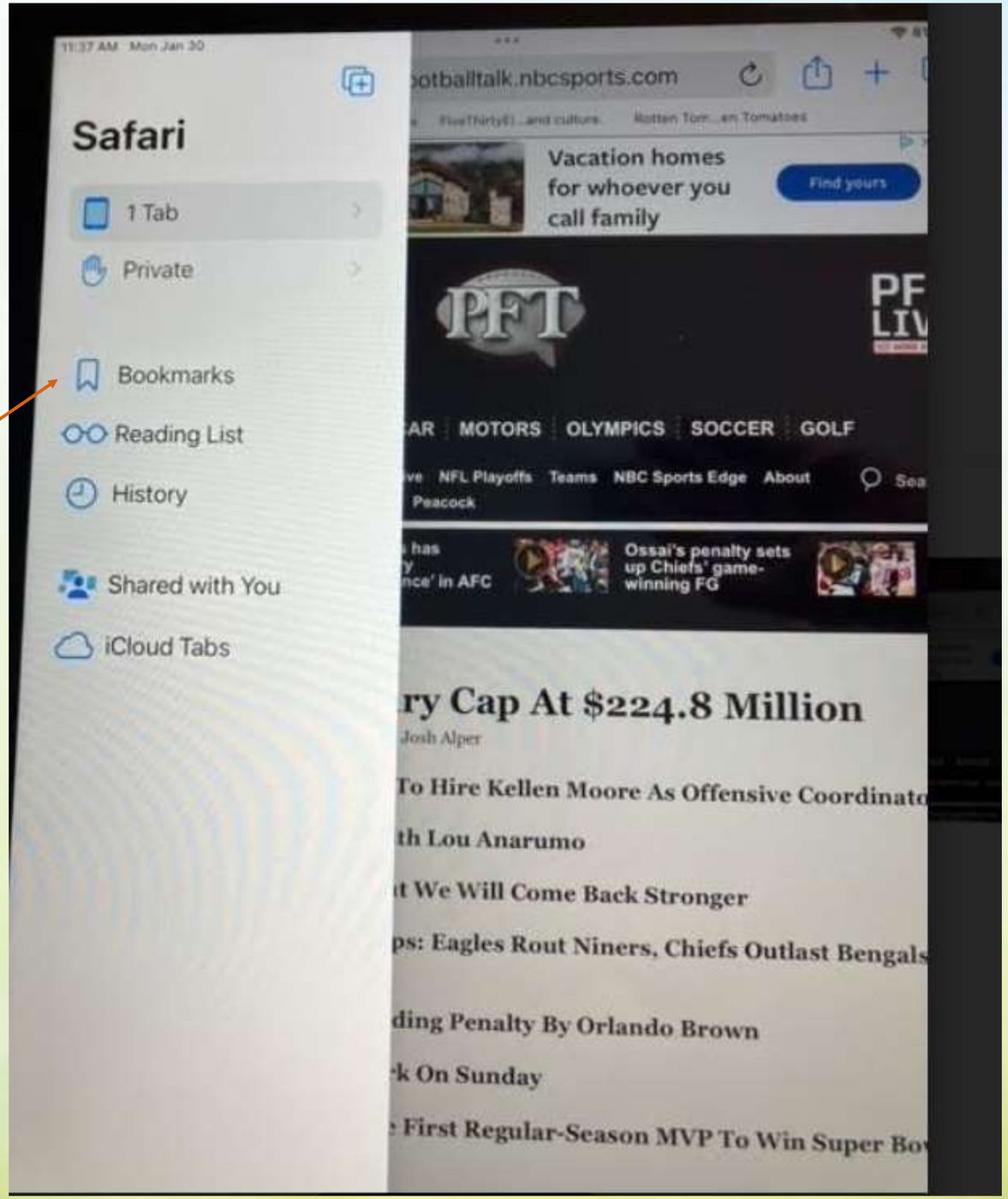


These are all my Favorites

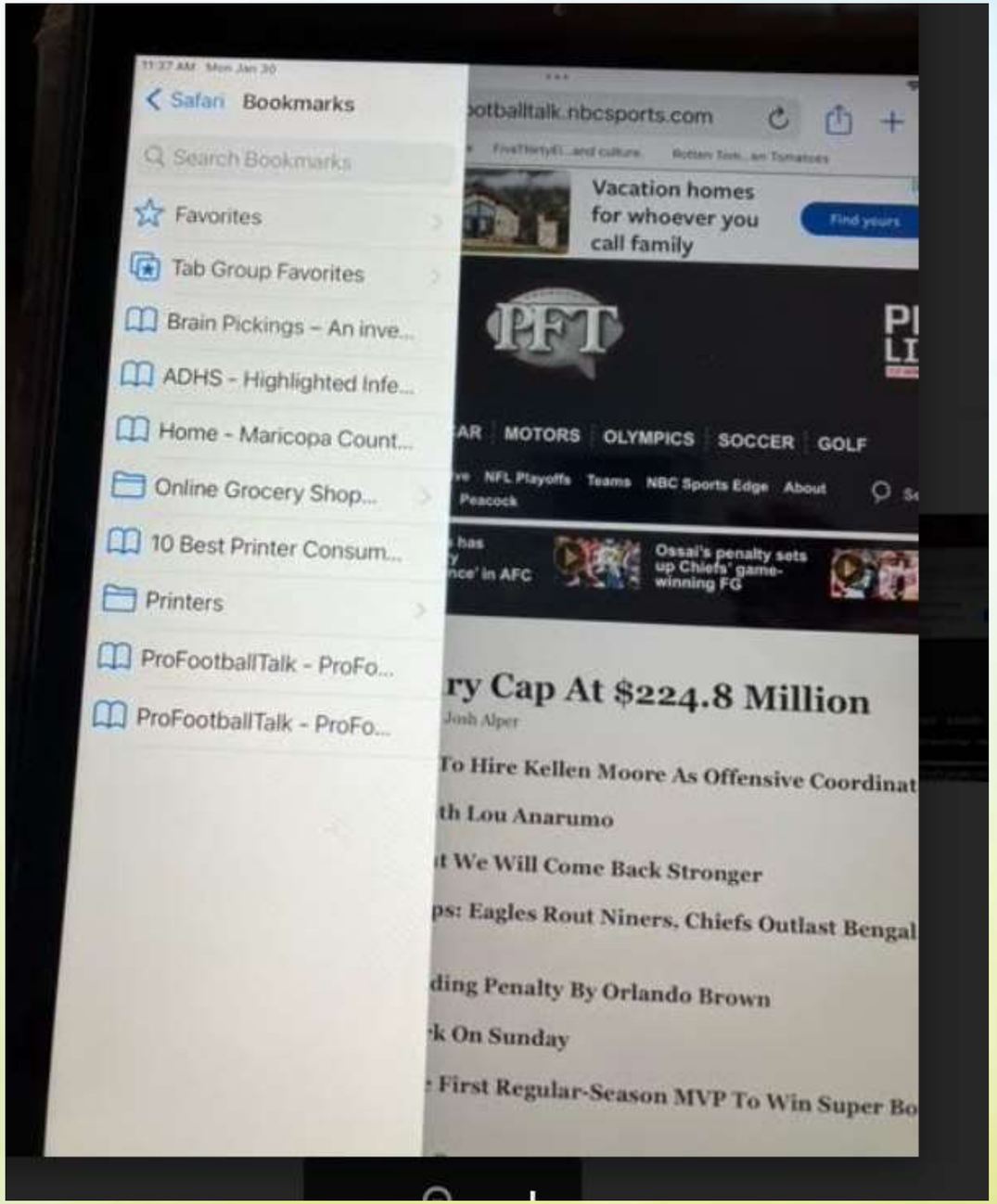
To find Book marks, first click here



Several choices are shown – Select Bookmarks



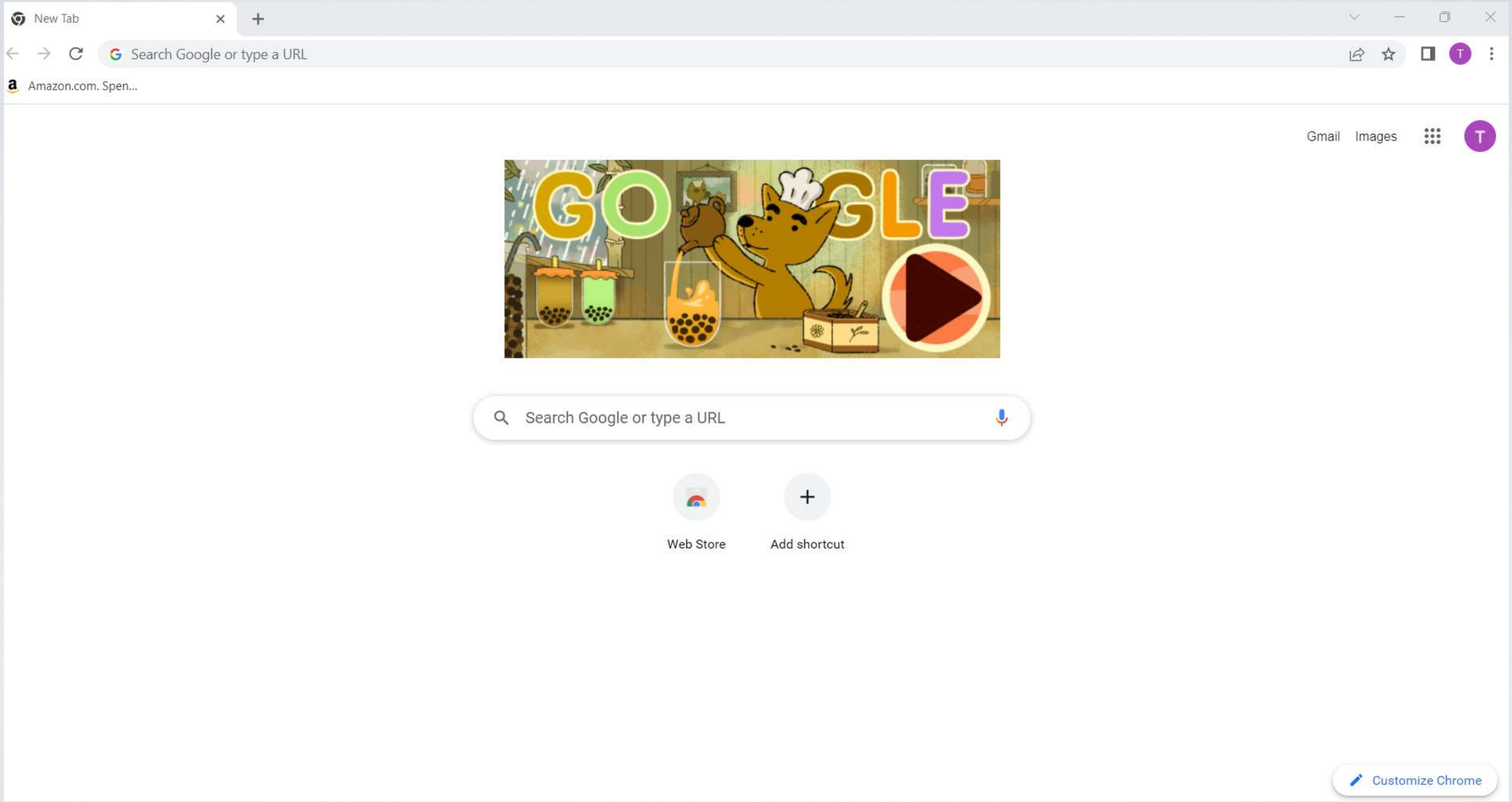
Here are my Bookmarks



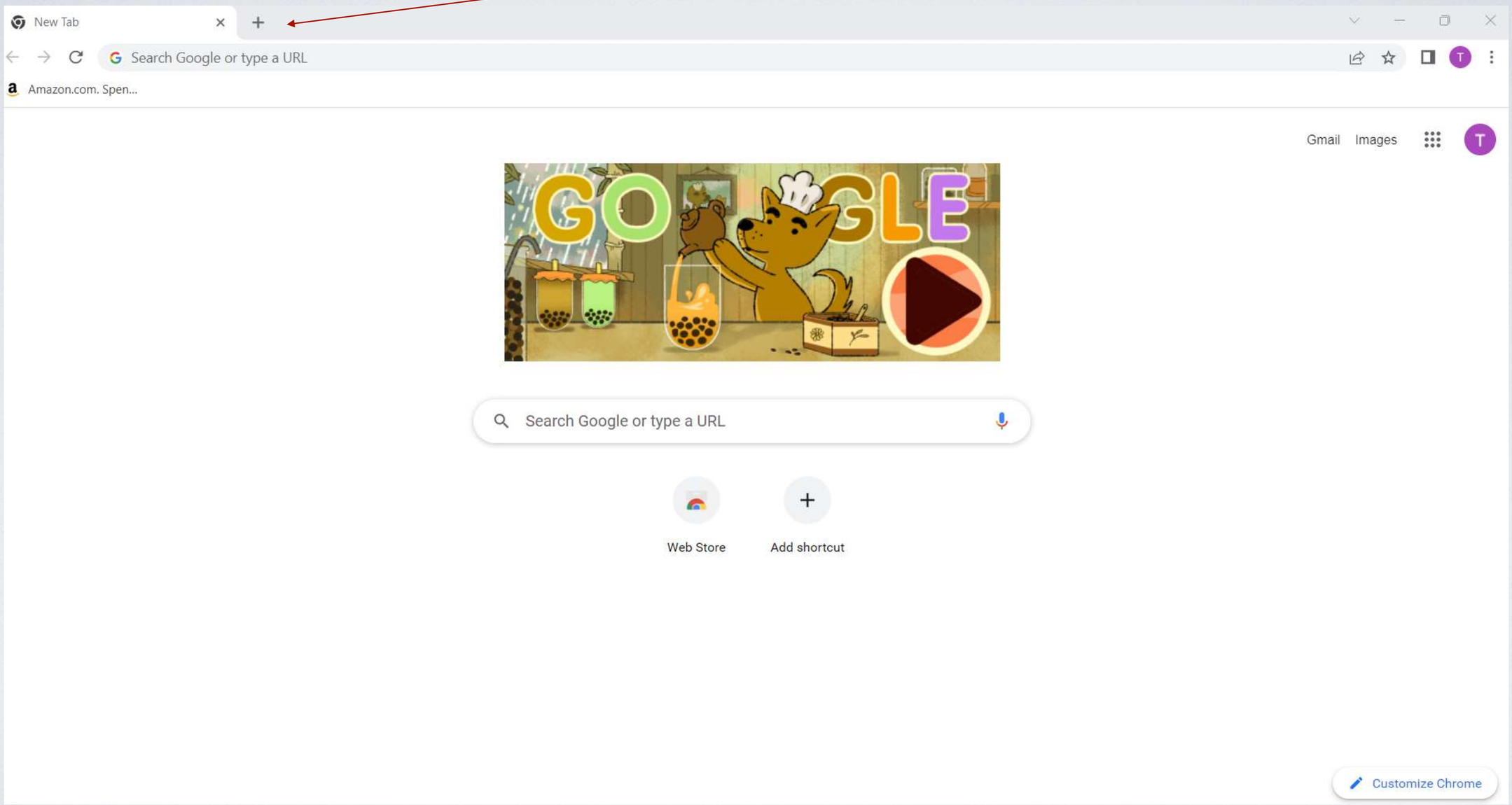
There is another handy technique called Tabs

This can be helpful when you are working with more than one website at a time

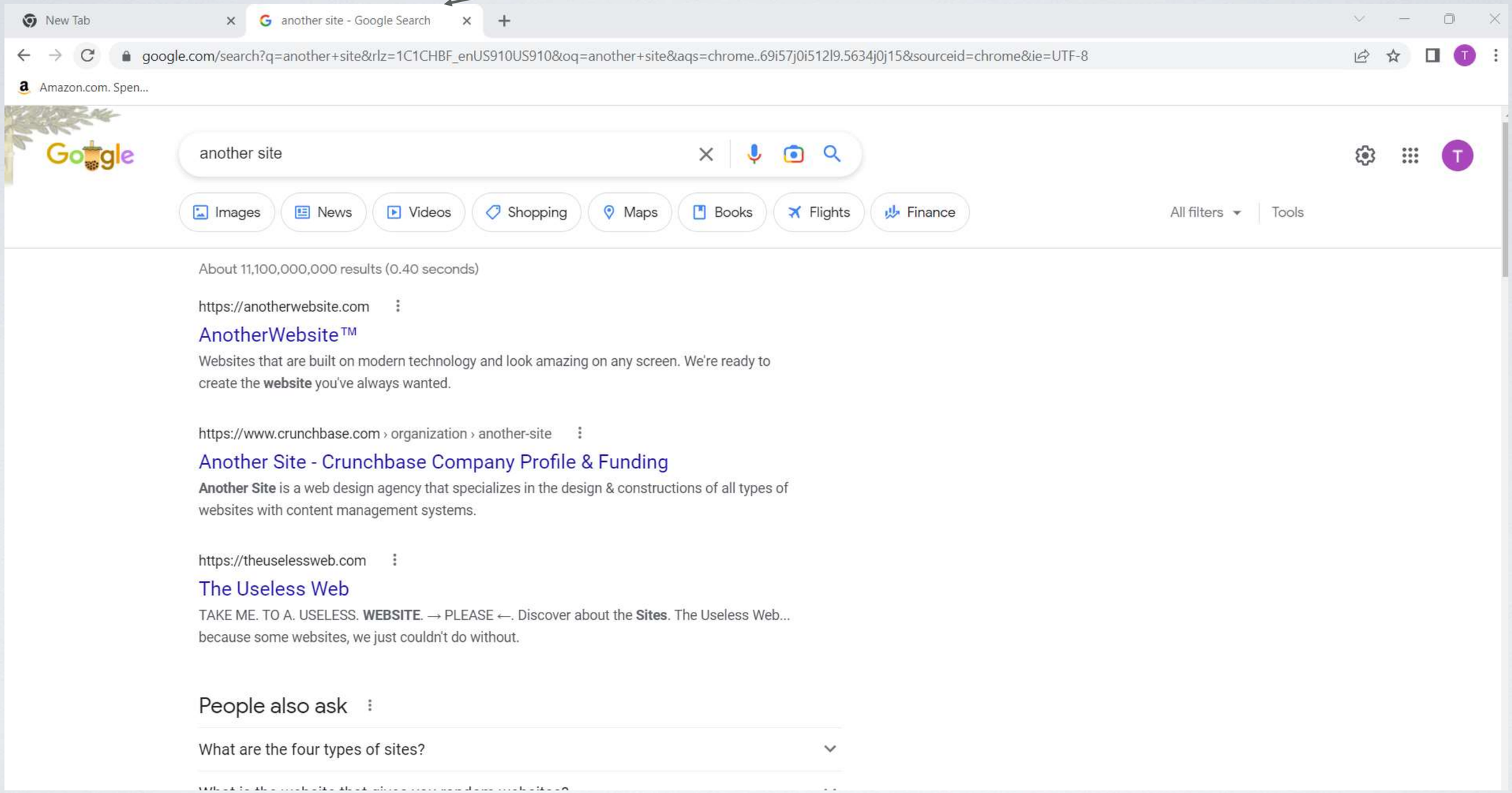
We start by accessing Google



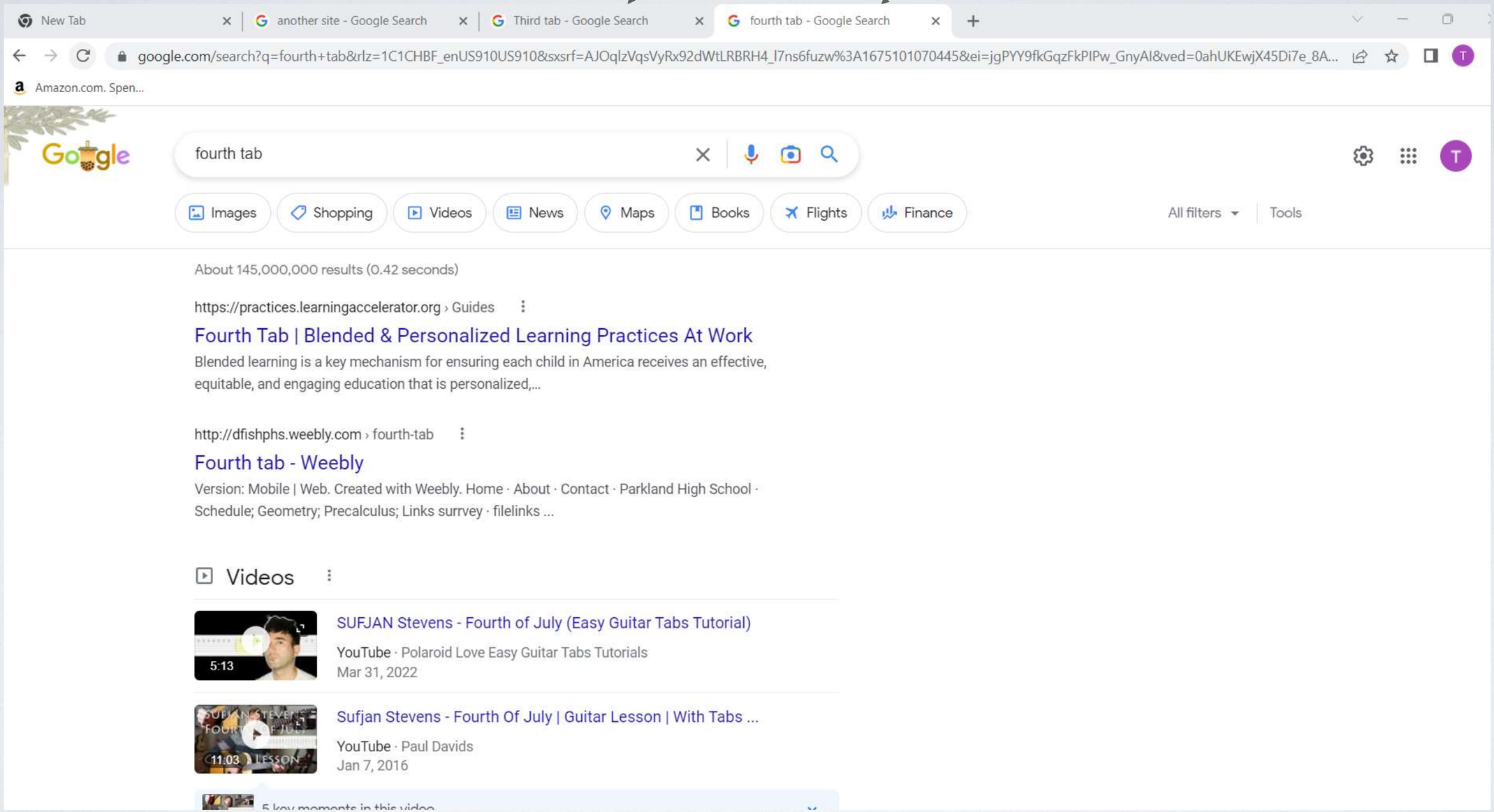
Click on the +


New Tab
Search Google or type a URL
Amazon.com. Spen...
Gmail
Images
Search Google or type a URL
Web Store
Add shortcut
Customize Chrome

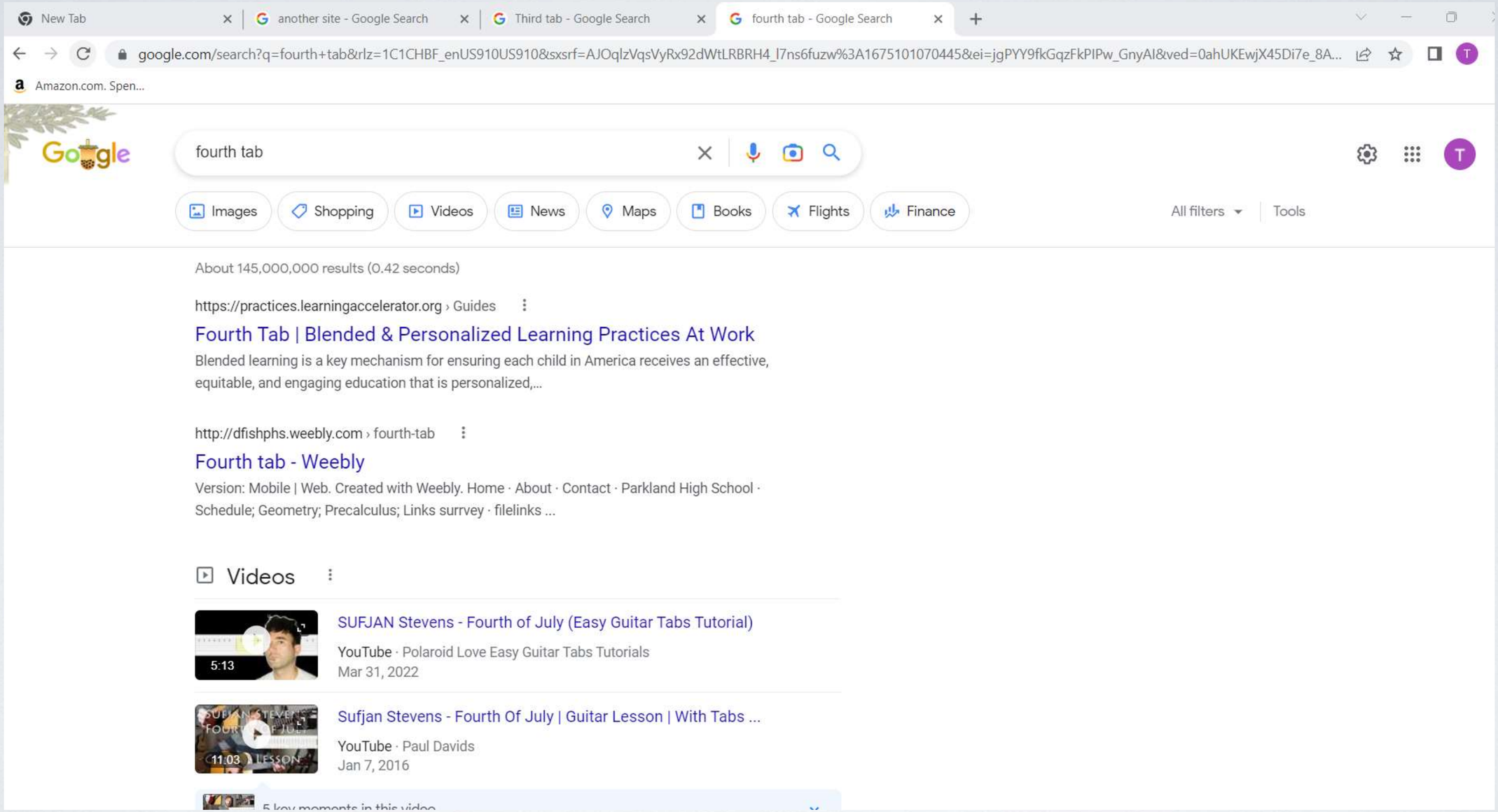
Now I have a second Tab



And a third and a fourth Tab



I can switch back and forth easily between the tabs

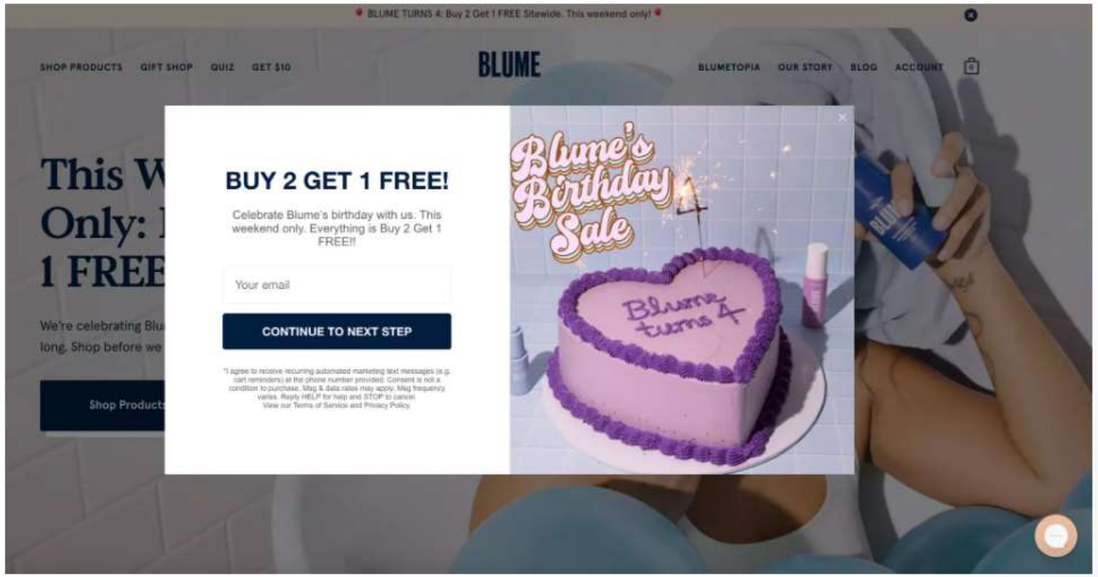


What are Pop-Ups ?

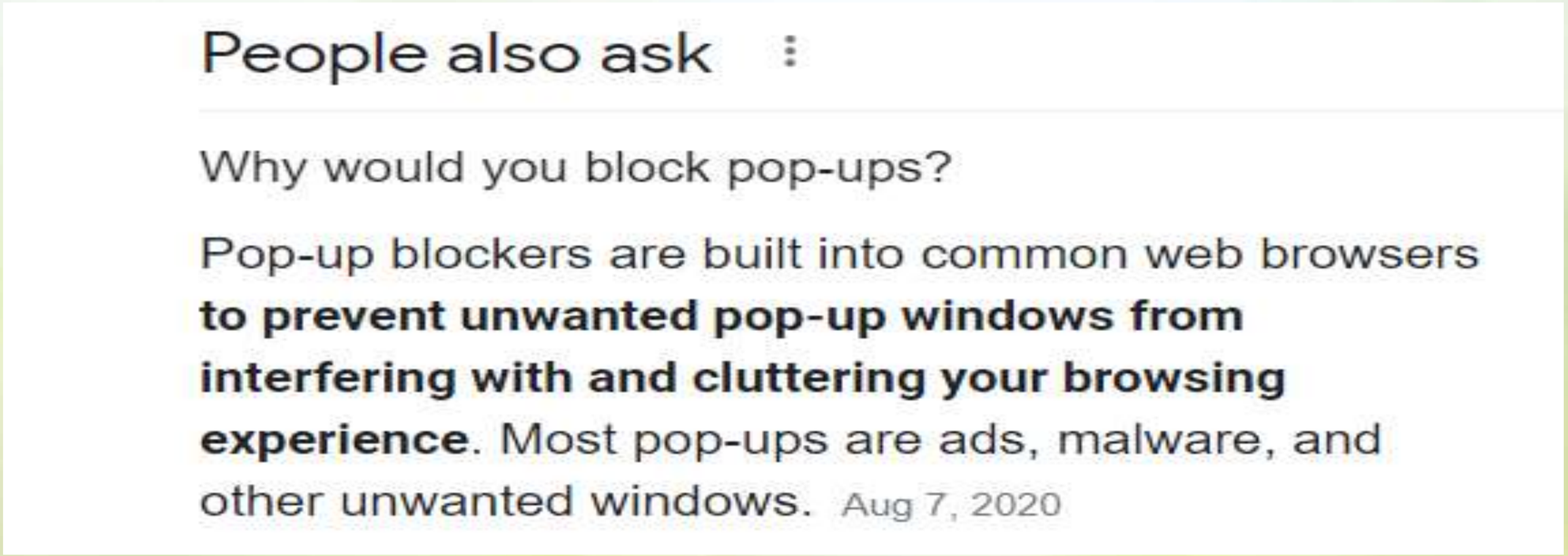
A popup is **a window that appears (“pops up”) while browsing a website**.

Pop-Ups are frequently used to offer a discount

Here's a typical popup used for marketing purposes.

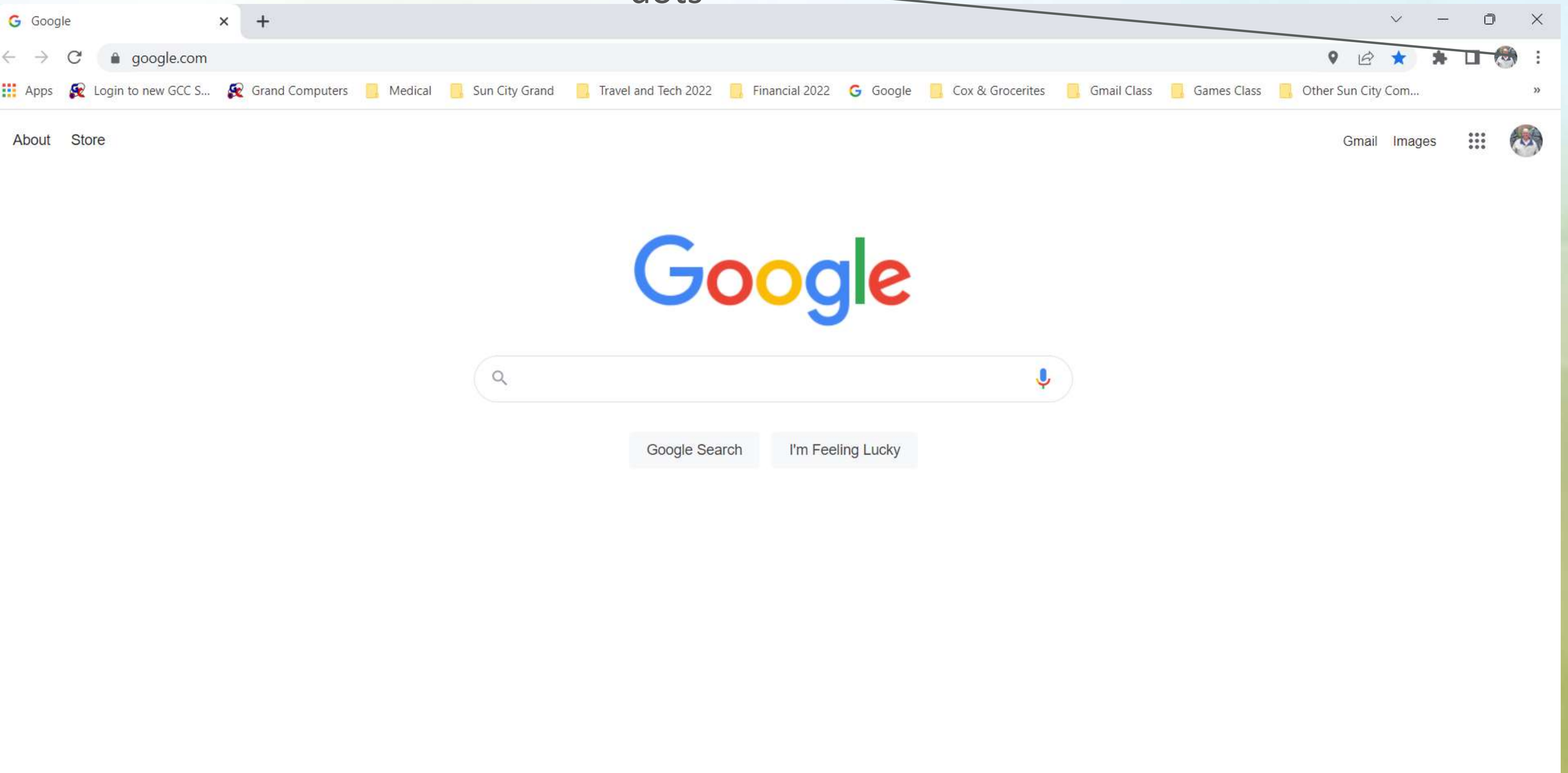


Pop-Ups can be blocked

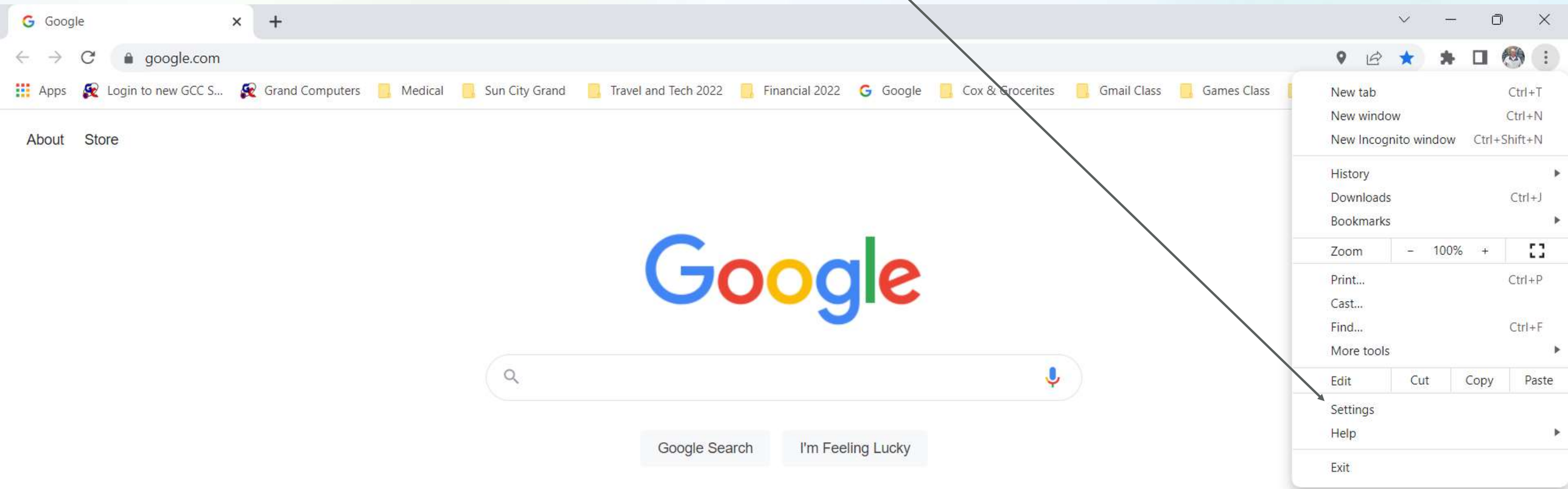


In Google Chrome, you can choose whether to allow or block Pop-Ups

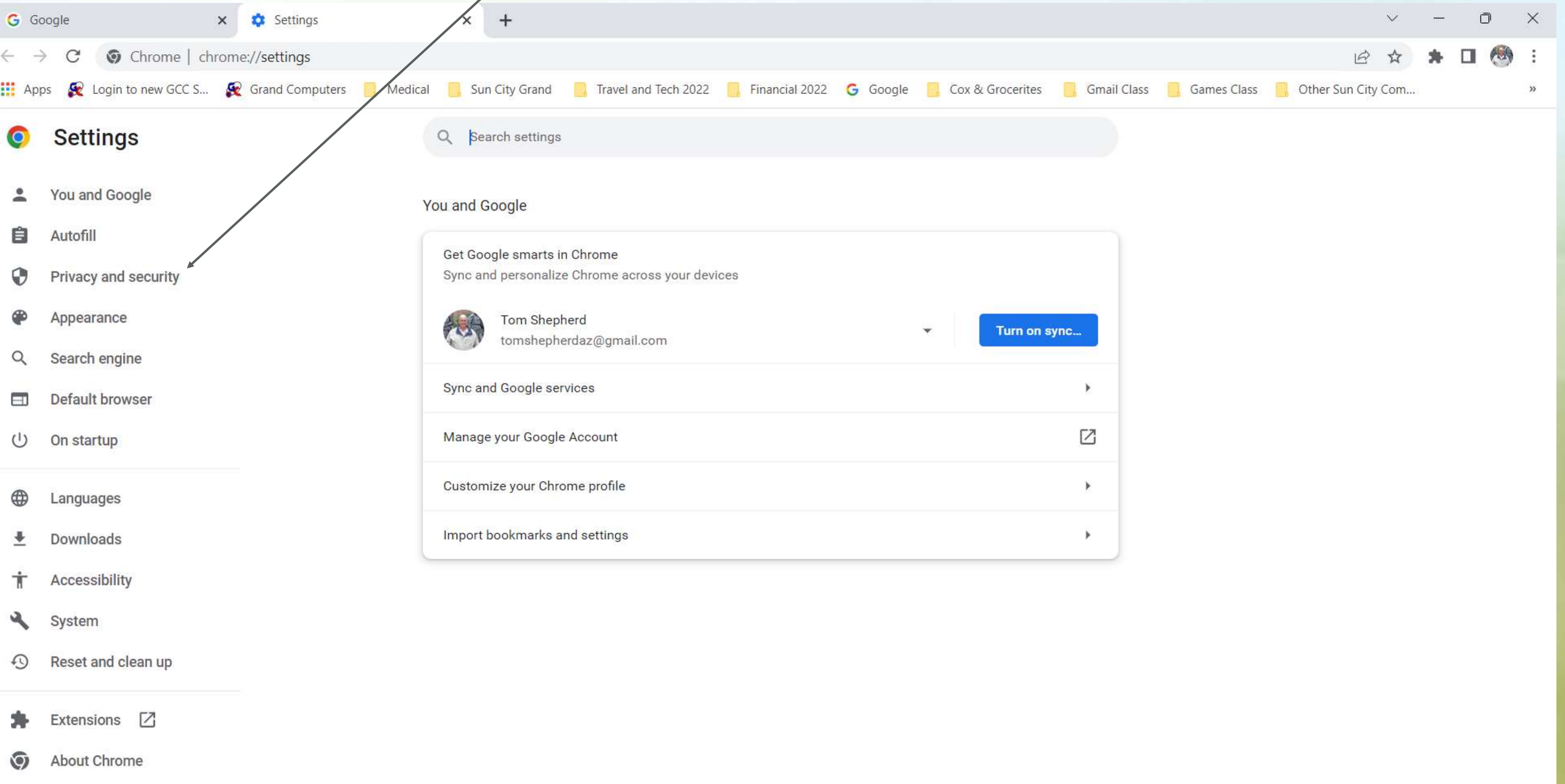
Open Chrome Browser and click on the three dots



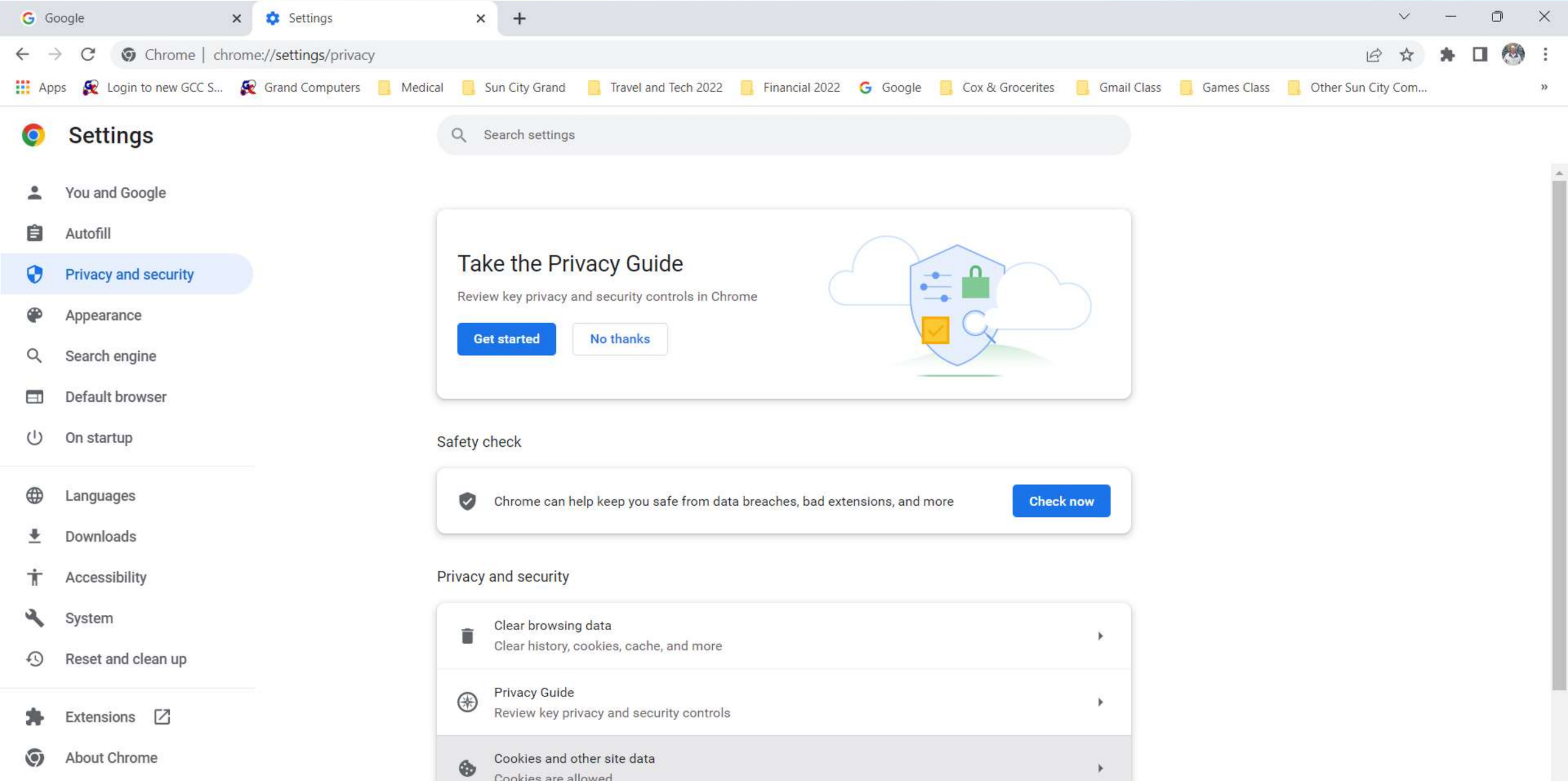
Go to Settings



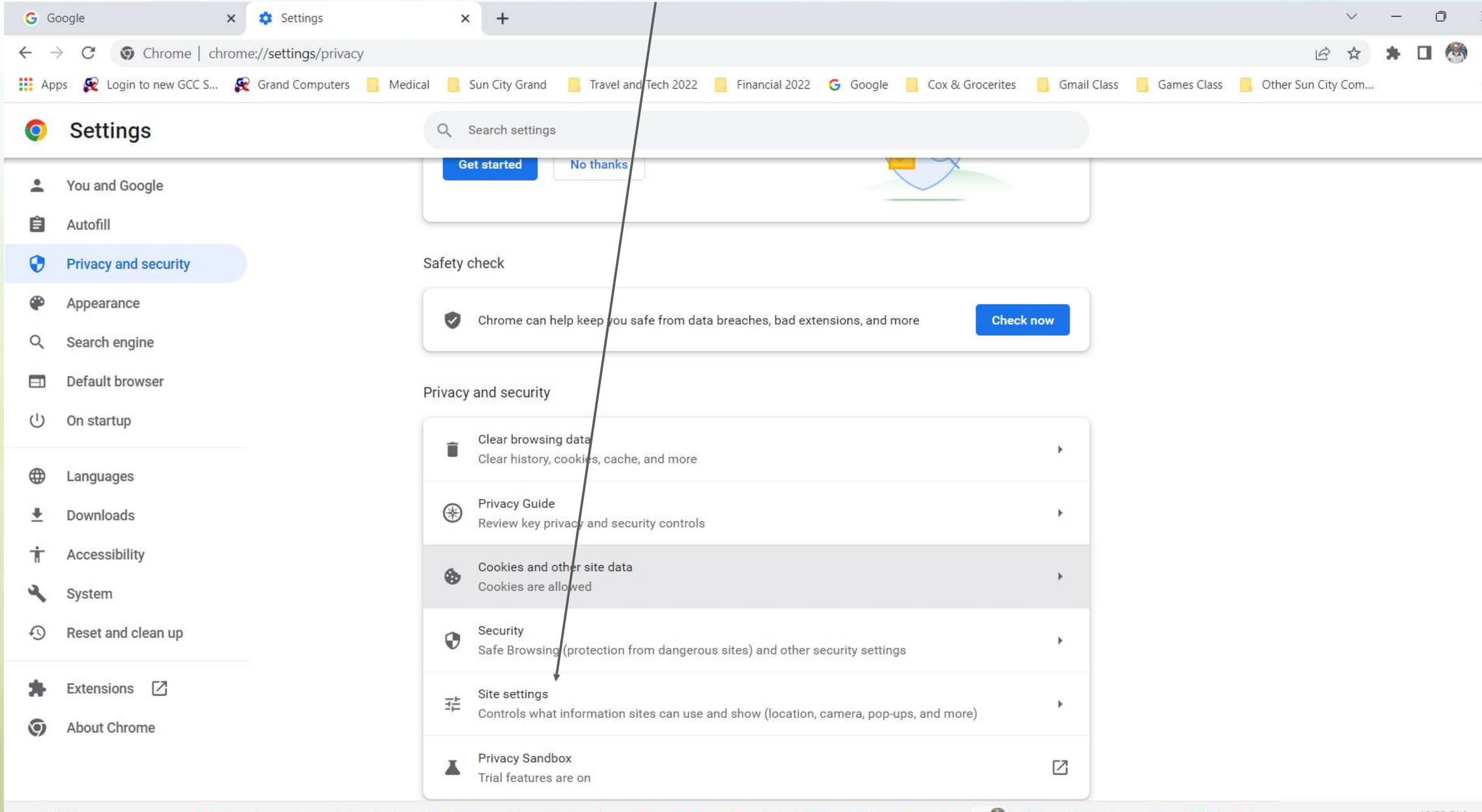
Click on Privacy and Security



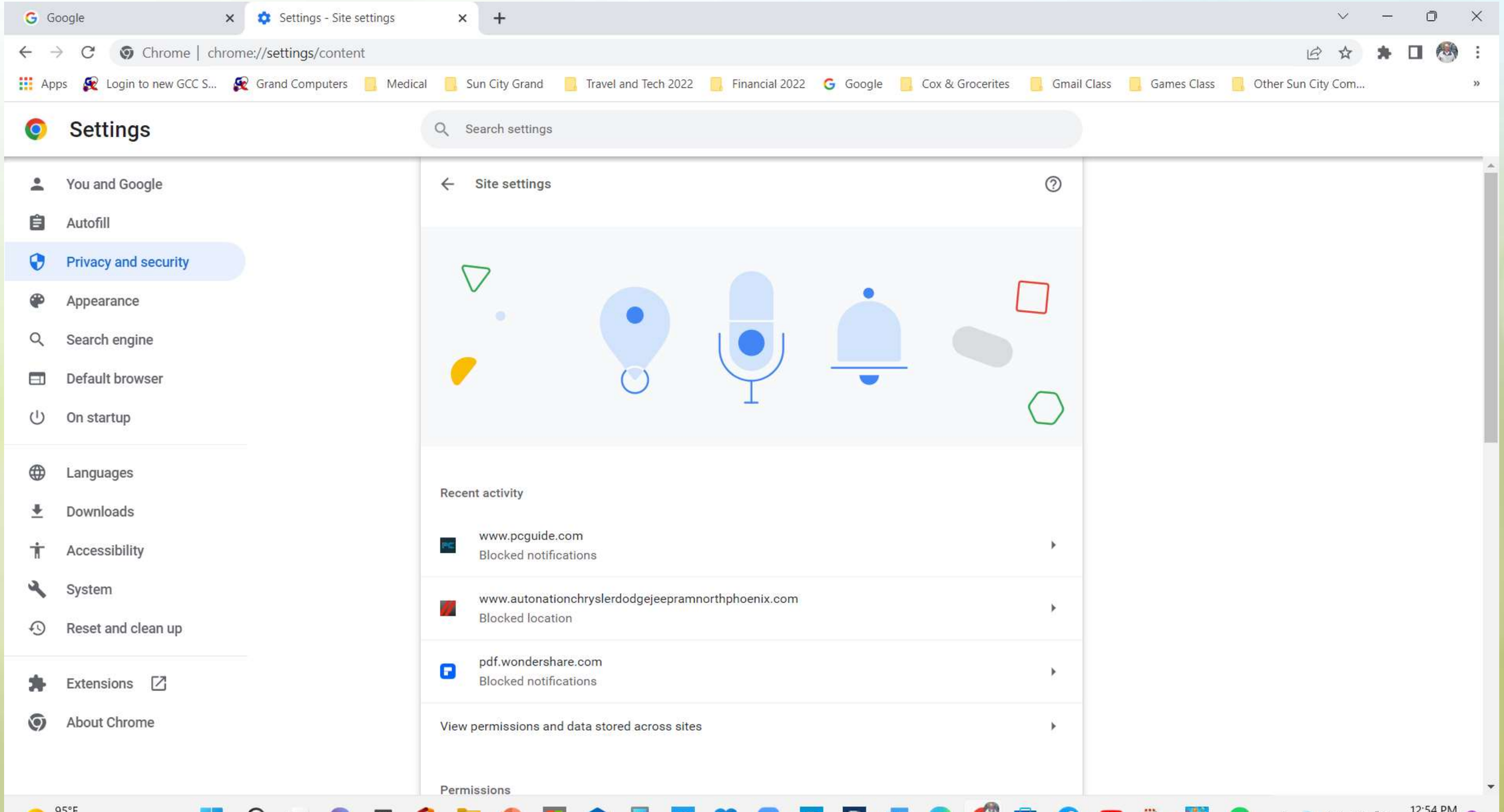
Scroll down thru the privacy and security settings



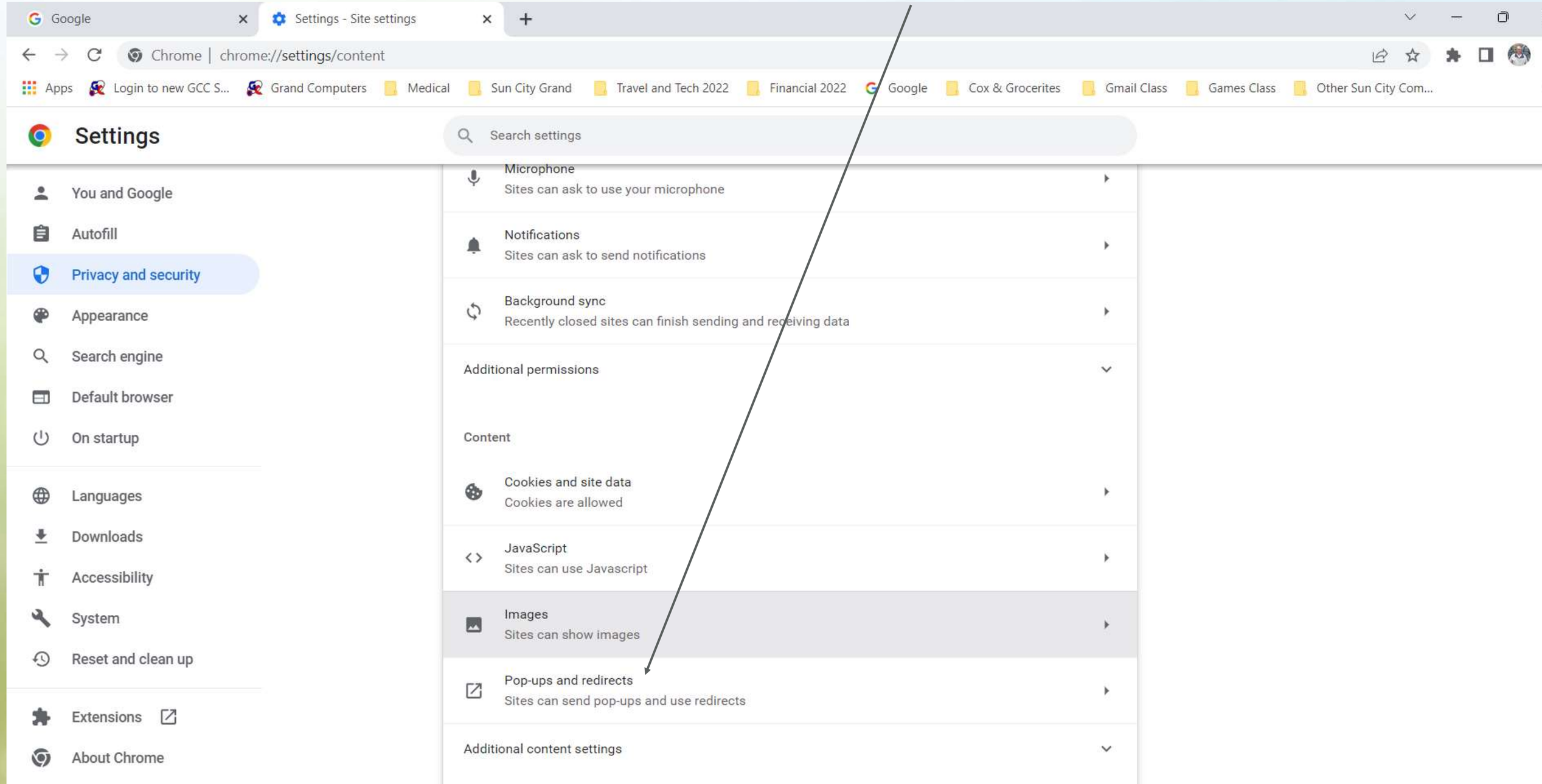
And select Site Settings



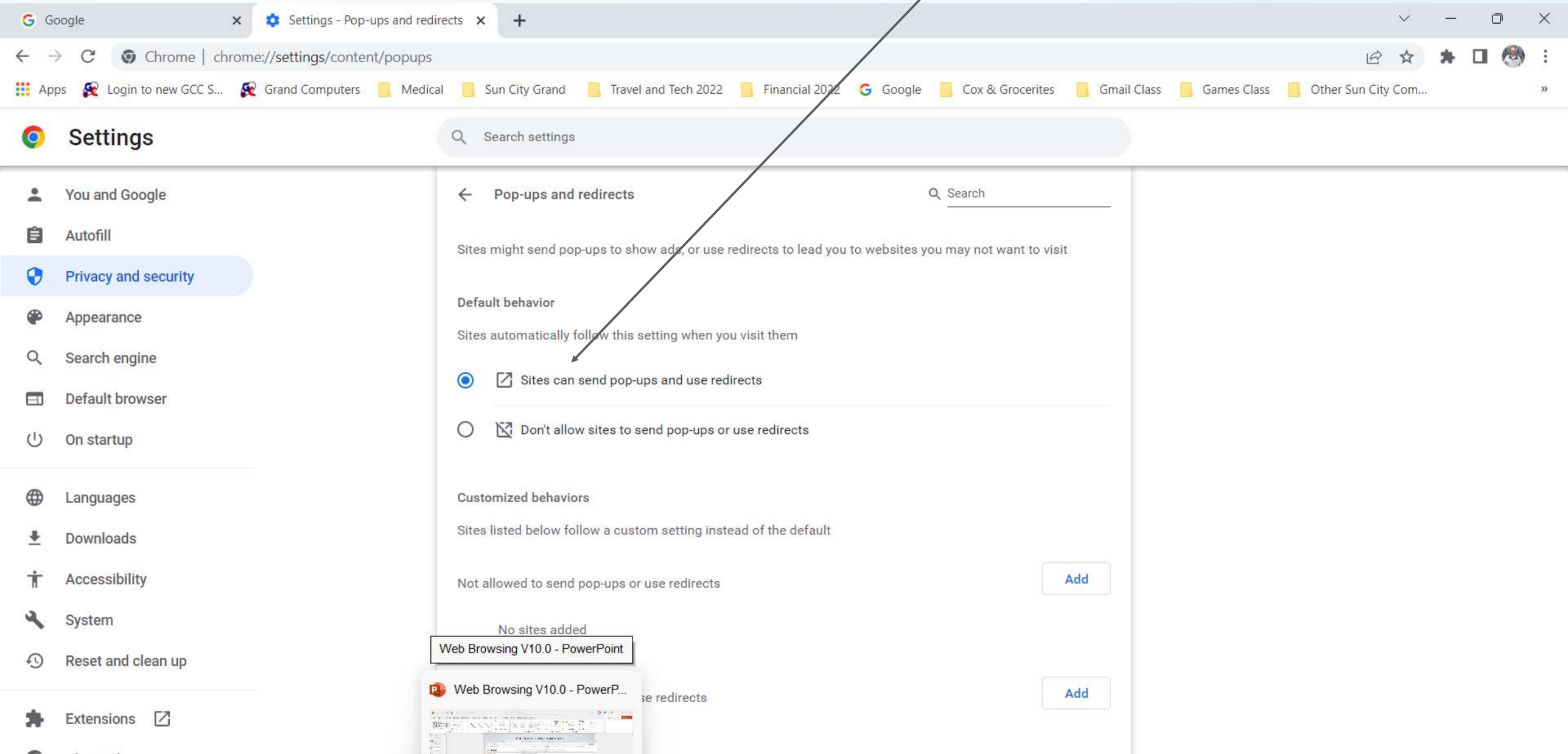
Scroll down thru the Site Settings



Find and select the Pop-ups and redirects

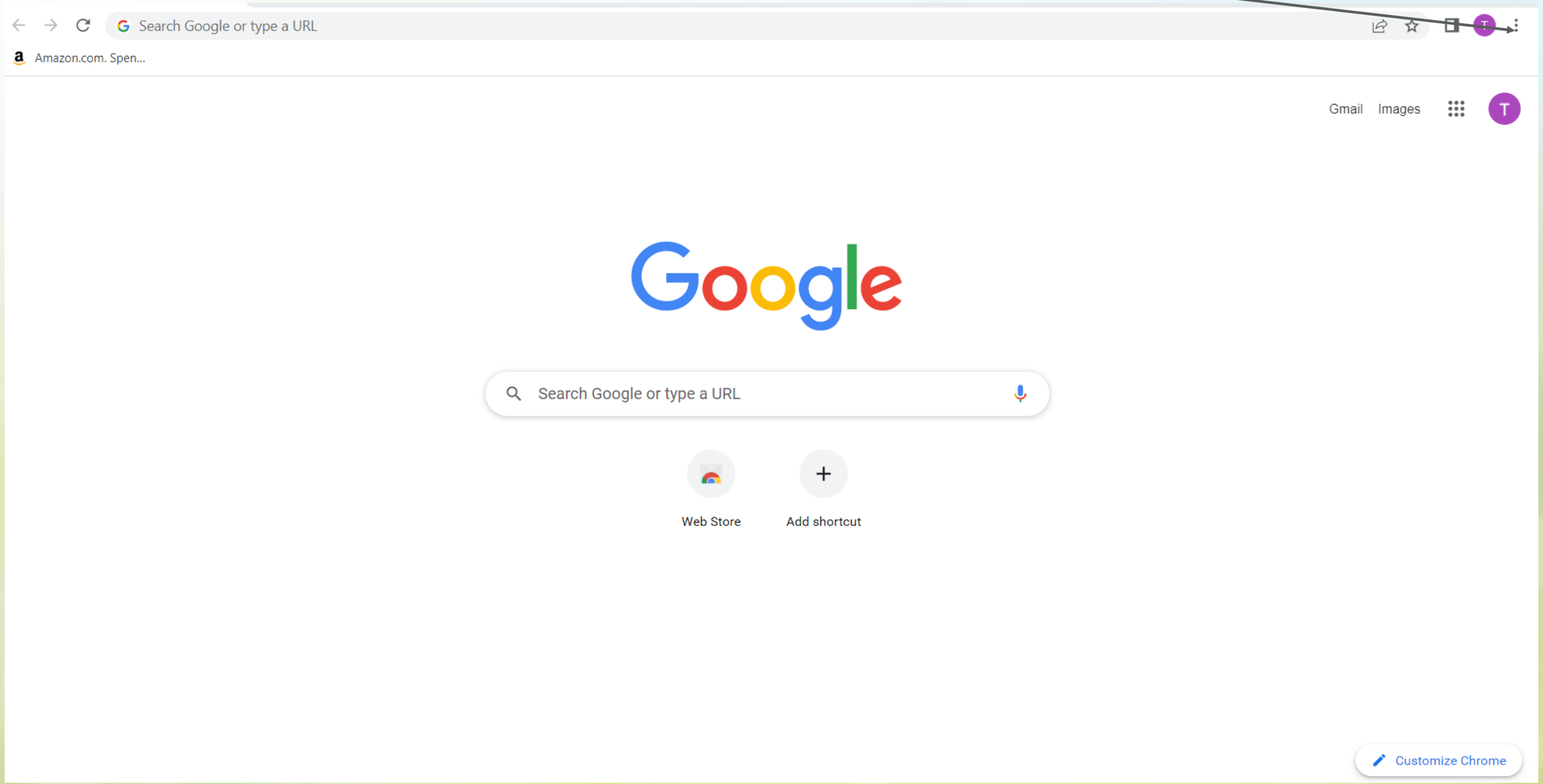


And here is where you can allow or not allow pop-ups

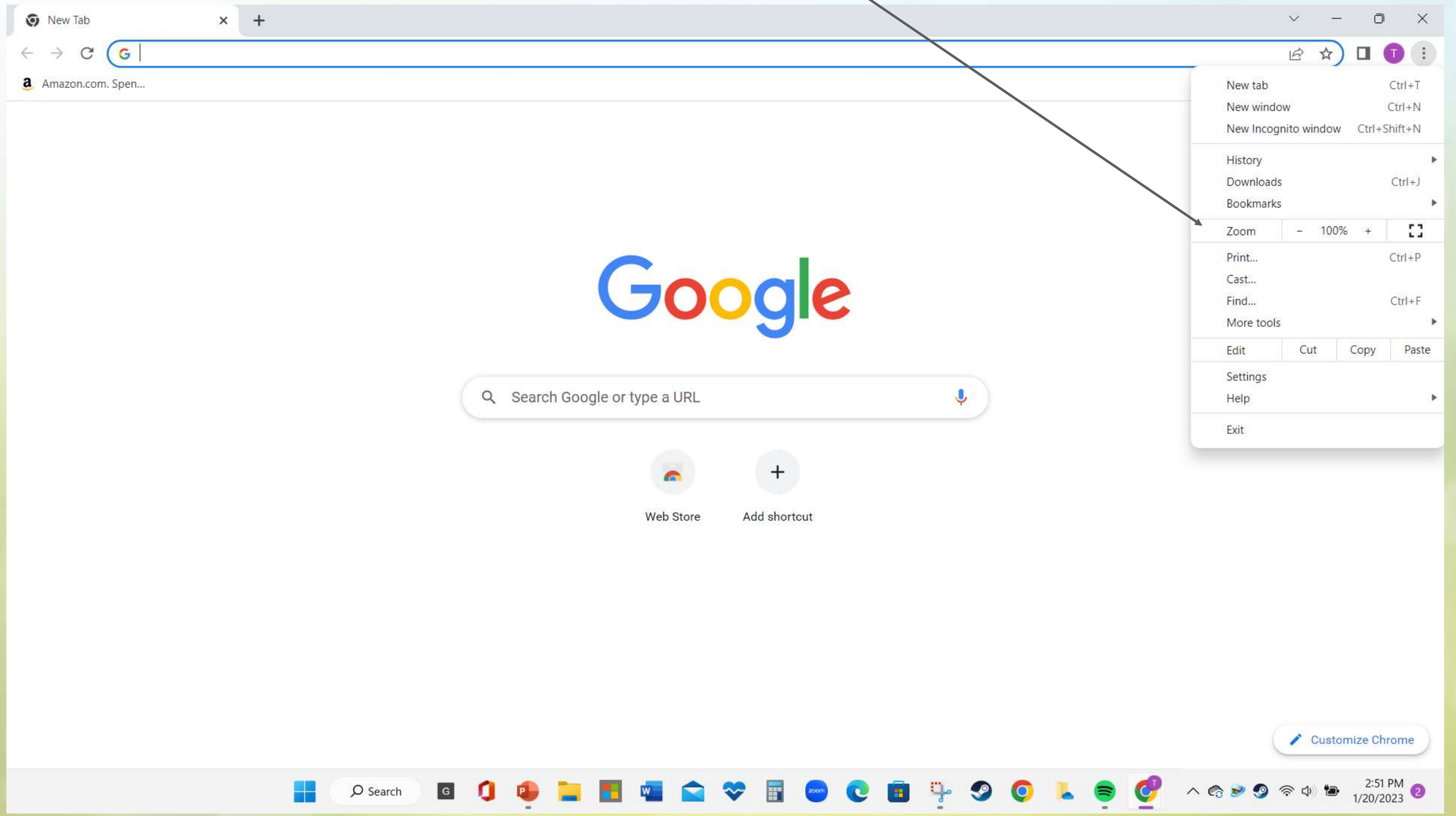


What if the words are too small for me to read ?

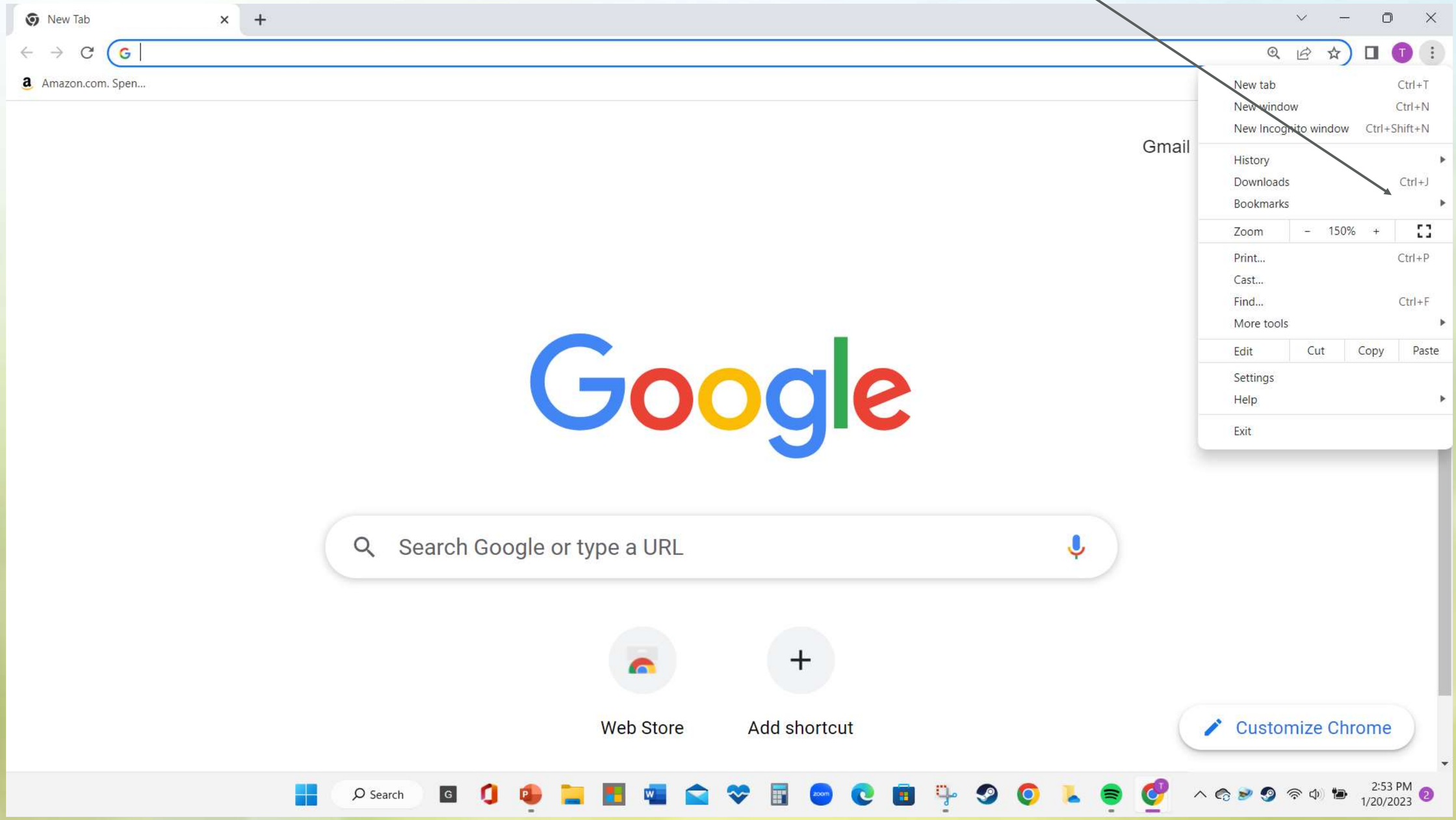
Click on the three dots



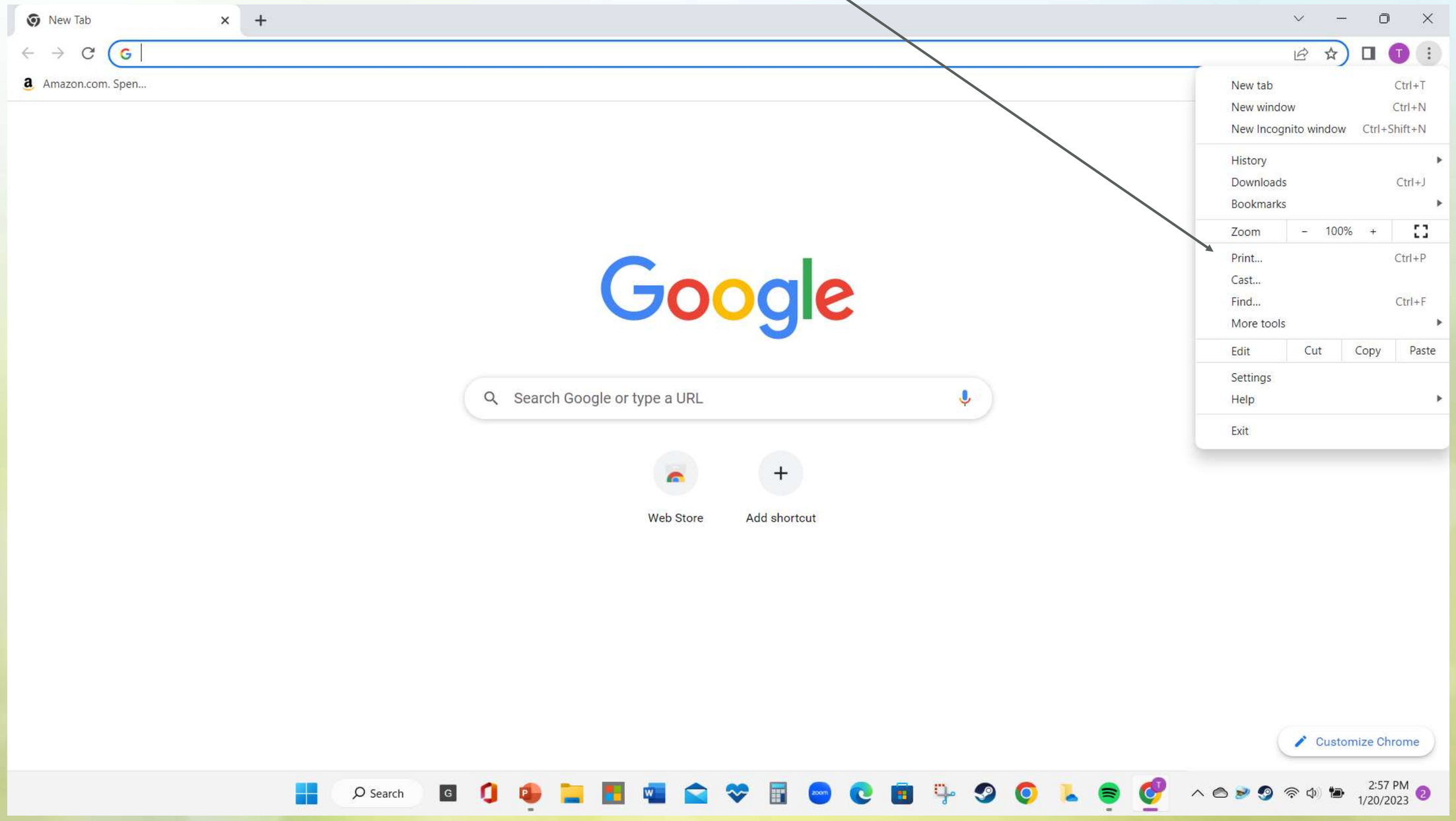
Click on zoom



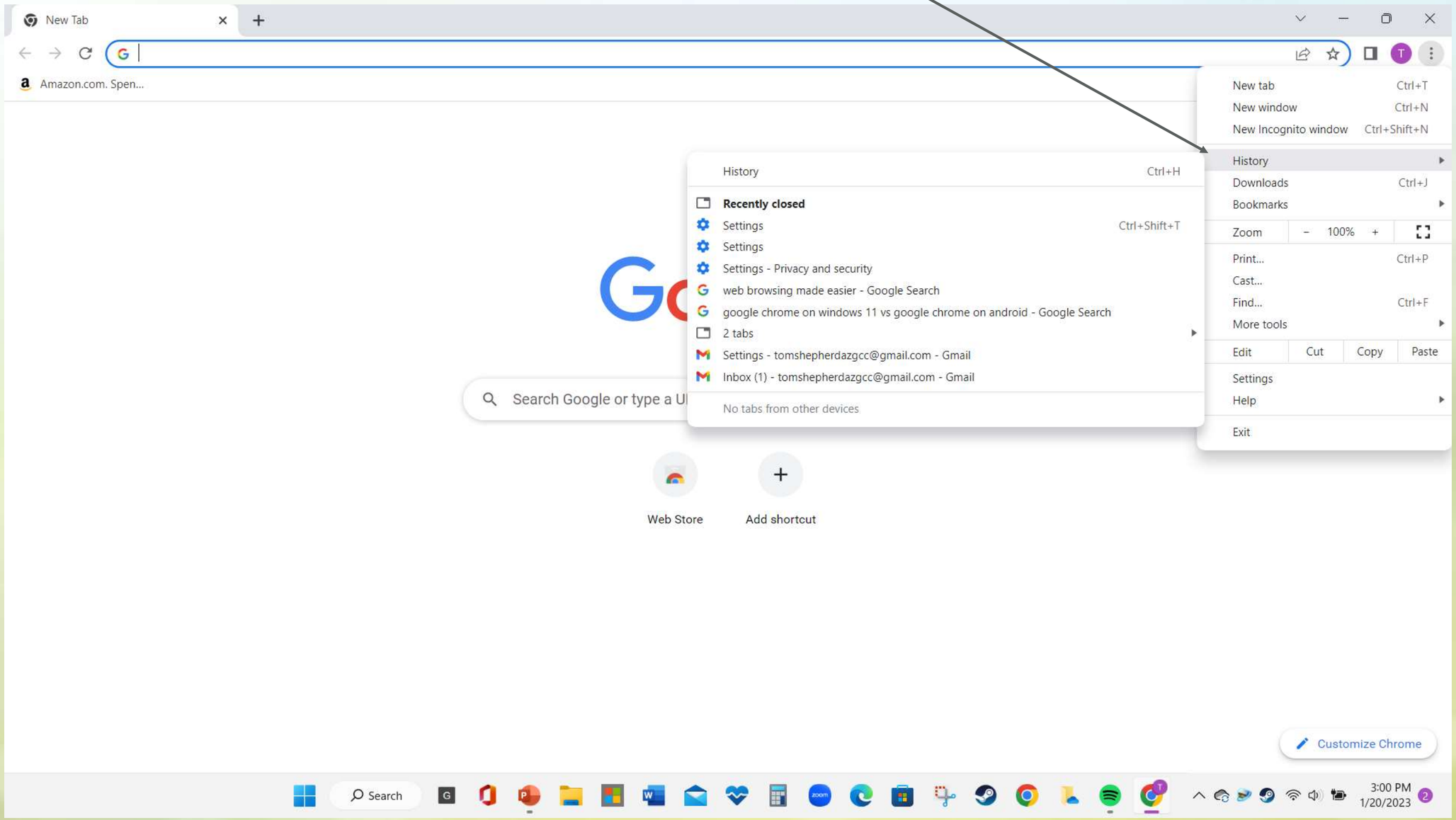
Increasing the zoom, in this case to 150%, makes things Larger



To print, select the three dots and chose print



If you want to review your recently used web pages, click on History



Can I have more than one browser on my device ?

Yes, and there may be times when that is helpful

Sometimes, for whatever reason, a particular website may not work 100% correctly with a certain browser

You can often get around this by simply using a different browser for that same website

For example, the default browser on an Apple devices is Safari

But

You can easily download Google Chrome from the Apple store, install it on your device, and use it instead of Safari

Get Google Chrome

Download Chrome for iPhones and iPads .

Chrome is available for:

- iPad, iPhone, and iPod Touch
- iOS 12 and up
- All languages supported by the App Store

This app is available only on the App Store for iPhone and iPad.

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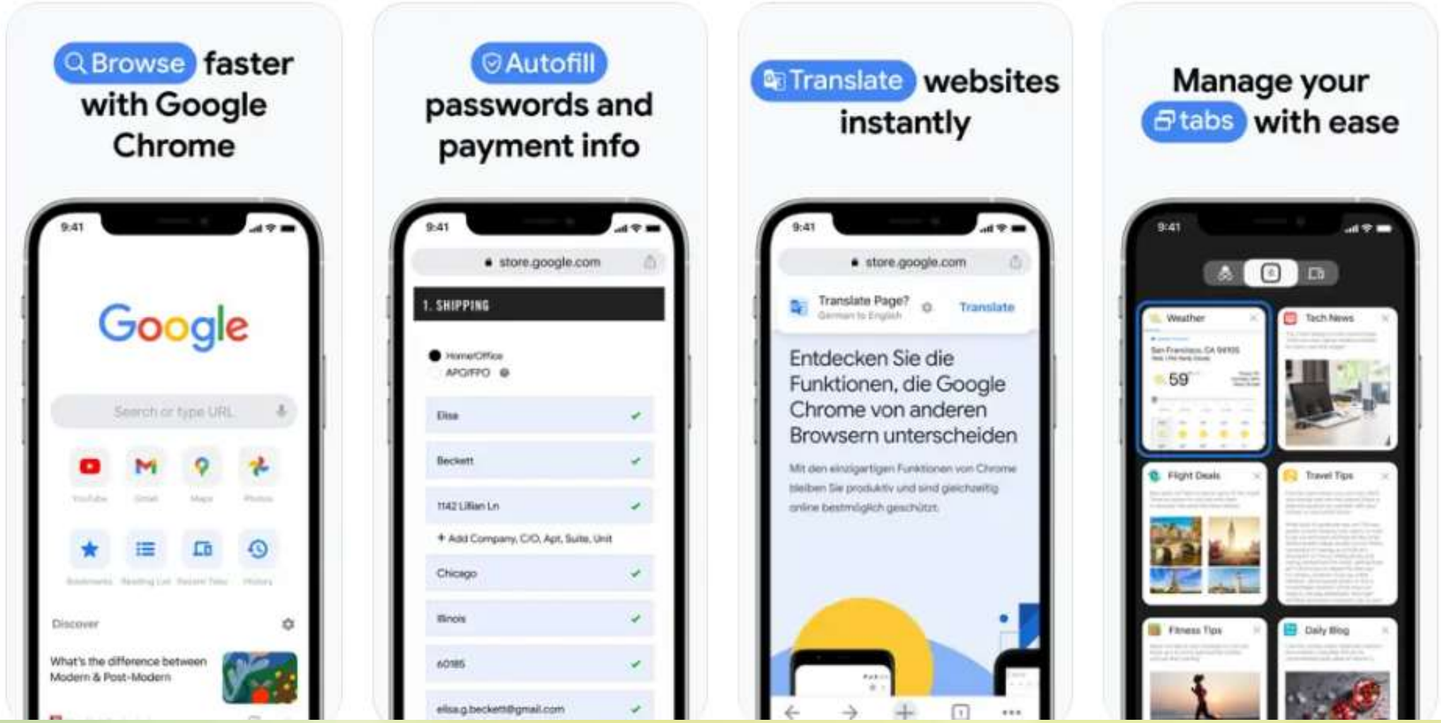


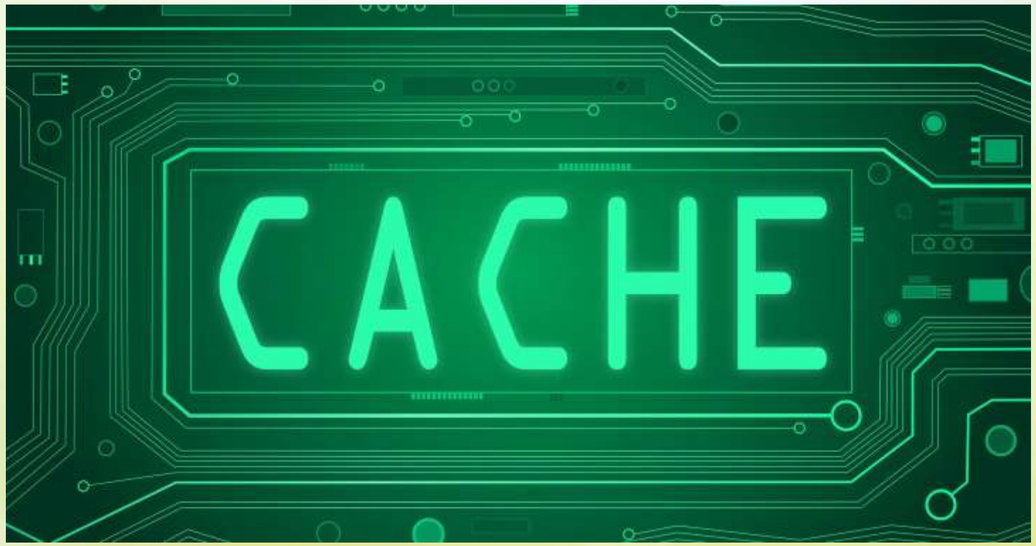
Similarly, if you are on Windows and having problems with a website on Google Chrome

Try switching to Edge (it’s built in anyway)

There may be times when a help desk person tells you to

“Clear your cache”

What does that mean?



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When you use a browser, like Chrome, it saves some information from websites in its cache and cookies.

Clearing them fixes certain problems, like loading or formatting issues on sites

All the browsers have a function to clear cache

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Chrome on WIndows

In Chrome

1. On your computer, open Chrome.
2. At the top right, click More ⋮.
3. Click **More tools** › **Clear browsing data**.
4. At the top, choose a time range. To delete everything, select **All time**.
5. Next to "Cookies and other site data" and "Cached images and files," check the boxes.
6. Click **Clear data**.

Chrome on Android

At the top right, tap More
Tap History and then Clear browsing data.

At the top, choose a time range.
To delete everything, select All time.

Next to "Cookies and site data" and "Cached images and files," check the boxes.

Tap Clear data.

Safari

Clear the history and cookies from Safari on your iPhone, iPad, or iPod touch

Learn how to delete your history, cookies, and cache in Settings.

Delete history, cache, and cookies

- To clear your history and cookies, go to Settings > Safari, and tap Clear History and Website Data. Clearing your history, cookies, and browsing data from Safari won't change your AutoFill information.

Safari

Block cookies

A cookie is a piece of data that a site puts on your device, so that site can remember you when you visit again. To choose whether Safari blocks cookies, tap Settings > Safari, then turn on Block All Cookies.

What is the future of web browsing ?

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ChatGPT is what everyone is talking about

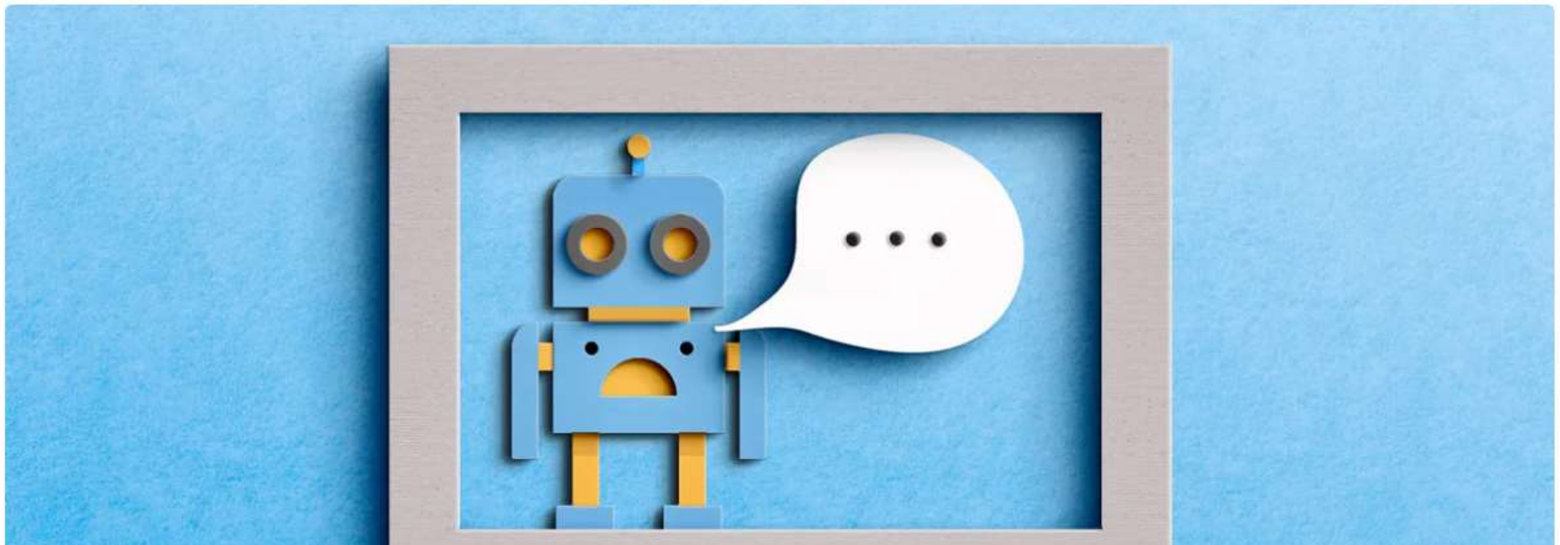
ChatGPT Will Be Everywhere in 2023

The chatbot is paving the way for search results far beyond anything you've come to expect -- and so much more.

Lisa Eadicicco

Jan. 11, 2023 5:00 a.m. PT

8 min read



Technology

3 minute read · January 17, 2023 1:32 AM MST · Last Updated a day ago

Davos 2023: CEOs buzz about ChatGPT-style AI at World Economic Forum

By Jeffrey Dastin

tps://www.reuters.com

TECH

Microsoft reportedly plans to invest $10 billion in creator of buzzy A.I. tool ChatGPT

PUBLISHED TUE, JAN 10 2023•7:00 AM EST | UPDATED TUE, JAN 10 2023•6:44 PM EST

Ryan Browne
@RYAN_BROWNE_

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KEY POINTS

- Microsoft is set to invest $10 billion in OpenAI as part of a funding round that would value the company at $29 billion, news site Semafor reported Tuesday.
- Microsoft will reportedly get a 75% share of OpenAI's profits until it makes back the money on its investment, after which the company would assume a 49% stake in OpenAI.
- A bet on ChatGPT could help Microsoft boost its efforts in web search, a market dominated by Google.

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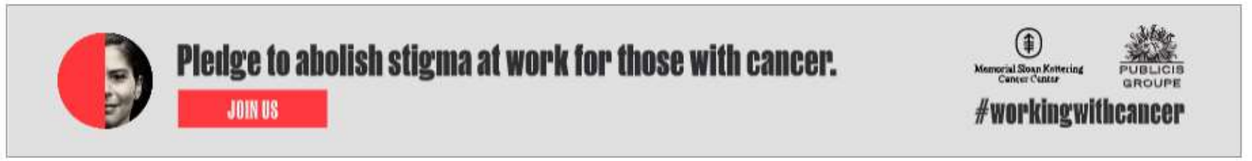

TECH

Microsoft Plans to Build OpenAI, ChatGPT Features Into All Products

Offering for businesses and end users to be transformed by incorporating tools like ChatGPT, CEO Satya Nadella says

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Microsoft Plans to Build OpenAI, ChatGPT Features Into All Products

Offering for businesses and end users to be transformed by incorporating tools like ChatGPT, CEO Satya Nadella says

Pledge to abolish stigma at work for those with cancer.

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Here is one definition of ChatGPT

ChatGPT (Generative Pre-trained Transformer) is a chatbot launched by OpenAI in November 2022.

It is built on top of OpenAI's GPT-3 family of large language models, and is fine-tuned (an approach to transfer learning) with both supervised and reinforcement learning techniques.

ChatGPT: What it is and how it works

ChatGPT is a free chatbot that's available online as a research preview, which OpenAI says will allow the system to learn from real-world use. You can ask ChatGPT straightforward queries like "Show me healthy dinner ideas" or "What's the best way to answer the 'tell me about yourself' question in a job interview?" But ChatGPT can also do things like write poems, songs and essays. You can ask it to compose a holiday greeting card, organize your to-do list and even draft a resignation letter.

The AI is trained on large volumes of data from the internet written by humans, including conversations. But ChatGPT isn't connected to the internet, so it sometimes produces incorrect answers and has limited knowledge.

This has already caused chaos in the world of Education

If a student is given an assignment such as "Write a three-page document that explains how the Wright Brothers invented the airplane"

That student could type those words into an online chat with ChatGpt and it would spit out the document

Instructors did not initially realize those student papers were being written for them by ChatGpt

Now most colleges and high schools have programs in place to detect and block ChatGpt answers

Fewer programmers may be needed

ChatGpt can generate computer code/programs

One good programmer can now legitimately do what not so long ago was the work of many, and people who have never programmed will soon be able to create workable code as well.

Here is another definition

ChatGPT is a large language model (LLM). Large Language Models (LLMs) are trained with massive amounts of data to accurately predict what word comes next in a sentence.

It was discovered that increasing the amount of data increased the ability of the language models to do more.

Some more information

According to Stanford University:
“GPT-3 has 175 billion parameters and was trained on 570 gigabytes of text.
For comparison, its predecessor, GPT-2, was over 100 times smaller at 1.5 billion parameters.

This increase in scale drastically changes the behavior of the model — GPT-3 is able to perform tasks it was not explicitly trained on, like translating sentences from English to French, with few to no training examples.

Dall-E Opens Its AI Art Creation Tool to Everyone

The artificial intelligence technology can turn text prompts into intriguing illustrations.

Stephen Shankland
Sept. 28, 2022 10:59 a.m. PT

2 min read

Let’s take a look at the Grand Computers Website

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grandcomputers.org/Member/HomePage.php

Grand Computers Club

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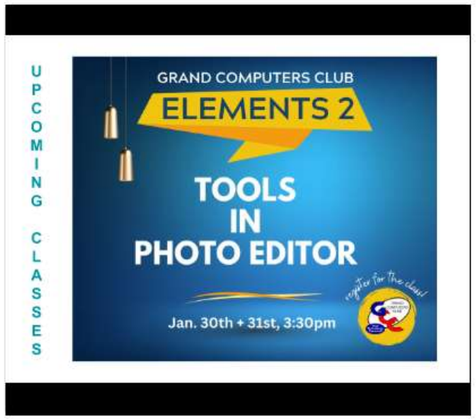

https://grandcomputers.org/Member/HomePage.php

That’s it for now

Any questions ?