

Advanced Security 1. Lab 1:

Part A:

List the applications you will install in your browser to show who is tracking you.

1. Don't use chrome as this industry is googles biggest source of income. Firefox is run by non-profit organizations.
2. Gostery
3. Privacy badger
4. Disconnect

Why are you being tracked in every click you make?

Companies can profile you. This allows for targeted ads. Which is a massive industry.

Is it possible to prevent being tracked?

There are several ways to protect yourself. But each has various work arounds. The best way to solve this issue is for governments to make the practice of companies selling this information illegal.

Part B:

Why is it called the deep web?

The deep web is just like it sounds — below the surface and not completely dark.

the part of the World Wide Web that is not discoverable by means of standard search engines, including password-protected or dynamic pages and encrypted networks.

https://www.lexico.com/en/definition/deep_web

How can we reach or use the deep web?

Login to email, bank account, etc.

Are there any tools for reaching the deep web?

Bank apps, email apps, etc.

What are the dangers of using or accessing the deep web?

Most of the deep web is safe. A small portion of the deep web called the dark web is the dangerous one.

Is it legal to use the deep web? Yes

How much of the web is in the deep web?

A lot:

- The content of your personal email accounts
- The content of your social media accounts
- The content of your online banking accounts
- Data that companies store on their private databases
- Content contained within scientific and academic databases
- Medical records
- Legal documents