

Student Name **CHETAN ARORA** Student Number **100976240** UserID **carora18** @mySeneca.ca

Special Notes to Instructor [Click or tap here to enter text.](#)

Activity 1 of 2: (50 marks = 4 × 12.5)

1. Passphrase Manager

➔ Advantages

- 1) Everyone don't have to remember all complex passphrase; passphrase manager automatically fills the desired password for the task.
- 2) Everyone can set unique password for every login credential freely because passphrase store all the passphrase in one place.

➔ Disadvantages

- 1) The major issue is when anyone lose the master passphrase of manager then they have no rights to access the passphrase.
- 2) Sometimes passphrase manager data can be compromised with hacker.

2. Passphrase Generator

➔ Advantages

Passphrase generator is used to generate complex passphrase for the login credentials.

➔ Disadvantages

Most of the times passphrase generator generate the complex passphrase which is difficult to remember.

3. Use single sign on where available

➔ Advantages

Single sign on can enhance security and improve user experience and productivity by reducing the hassle of remembering.

➔ Disadvantages

Some applications or websites not supporting the single sign on features.

4. What do you do to safeguard your passwords and digital life?

➔

I use a strong passphrase for web sites and programs. I cannot use login credential in publicly or on public Wi-Fi.

I use multifactor authentication and encryption to boom my SSO security.

I also use antivirus and firewall software to defend my devices from malicious threats.

Why is that (or why will that be) the best method for you?



That's the best choice for me as it balances comfort with safety. I can access my accounts quickly and easily, without compromising my privateness and safety. I can prevent myself from cyber-attacks and identification theft, the usage of a lot of security features.

Why won't you use other methods?

→ There are many methods to secure the credentials, but I can use above mentioned one because it is easier to use and user friendly and no need to remember the steps to use it.

Activity 2 of 2: (50 marks for 250+ words)

→ What is the price of free?

The cost of free software program isn't always 0. That's a not unusual challenge for free software customers, but it's now not always authentic. Some loose software may also collect private data for legitimate functions, consisting of improving the person revel in, supplying customer service, or creating personalized content however ought to be created with the aid of a person is continually informed of what facts is being amassed, how it's miles getting used, and the way it's far being protected it. The person need to also receive the option of deleting facts series or deleting his/her facts if he/she wishes.

Other loose software may also store personal facts for malicious purposes, consisting of selling to 0.33 parties, showing focused advertising, putting in spyware or malware on a person's device These are free software program to keep away from at all charges. They won't disclose their information practices, or use misleading or coercive methods to attain the consumer's consent. They can make it hard or not possible for the consumer to eliminate their software program or data.

To protect the personal data from unfastened software, the ought to always perform a little research earlier than downloading or putting in any application. To test the listing and overview of the software, examine the privacy coverage and terms of use, and search for any crimson flags or suspicious practices. Also use security equipment to prevent unauthorized get entry to or get right of entry to in your statistics, inclusive of antivirus, firewalls, and VPNs. And you need to continuously replace your software program and systems to restore any weaknesses or bugs.