MODULE 5:
Safeguarding Digital Privacy

CONTENT 5: Get familiar with enhancing online safety

Online Safety-Why is it important?

Protecting oneself online involves safeguarding against potential online threats and risks that could compromise personal information, lead to unsafe interactions, or affect mental health and overall well-being.

Source: freepik

Antivirus Softwares

Antivirus programs are software applications designed to prevent, identify, and remove harmful software. Initially developed to safeguard against computer viruses, the scope of antivirus programs has broadened with the rise of malicious softwares.

Source: freepik

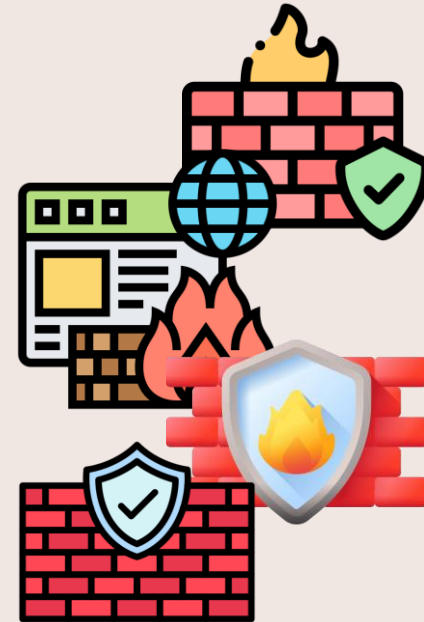# How to use antivirus softwares?

- After initial set up or activation of the antivirus program, it is recommended to carry out a complete scan in order to verify that the computer is clean of any known malware.
- It is important to make sure that antivirus software is programmed to scan all new files promptly as soon as they are downloaded.
- Antivirus softwares should receives updates automatically.
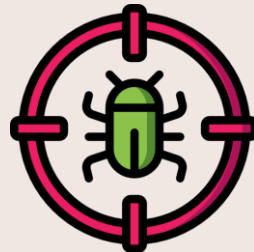
Source: freepik

Firewalls

Enhancing the security of the device, firewalls filter the network traffic that enters and exits the device, effectively protecting it from potential threats. So, any kind of information exchange, without the user's consent, from computer to internet is prevented.

Source: flaticon

Anti-Malware Tools

Anti-malware software safeguards data from malicious software and files. This software has been designed to protect computer systems against a wide range of malicious software, including advanced Trojans, adware, ransomware, spyware, keyloggers, phishing attacks, and worms.
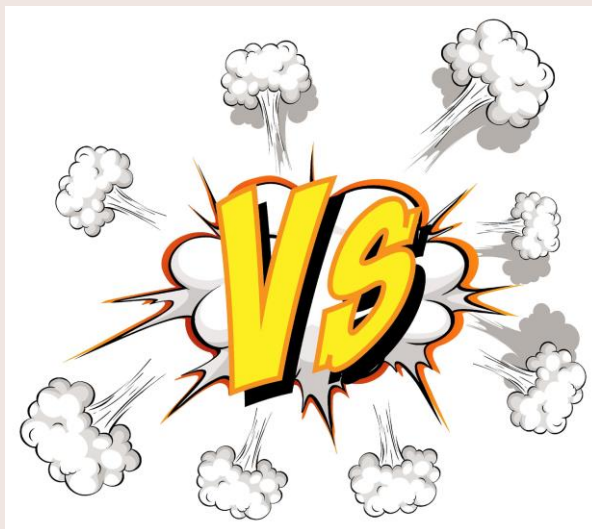
Source: flaticon

Comparison between Anti-Virus and Anti-Malware Softwares

- Antivirus software safeguards against **well-known dangers** such as worms, viruses, and Trojans.

- Antivirus programs are good at protecting against old fashioned threats, such as **USB**s and **email attachments**.

Source: freepik

- Anti-malware focuses on the detection and prevention of **more recent forms** of exploits and threats.

- Anti-malwares are effective against of the current, yet still dangerous, **online threats**.

QUIZ

Which of the followings could anti-malware and anti-virus softwares protect you against?

a) Fake news
b) Trojan
c) Worms
d) Pop-ups
e) Unsolicited mails
f) Advertisements

Useful links

- [Antivirus vs Antimalware](#)
- [What is a firewall?](#)

References

- https://www.freepik.com/
- https://shorturl.at/lssRh
- https://shorturl.at/pUbnS