SAFER INTERNET DAY

7 FEBRUARY 2023

HOW CAN WE MAKE THE INTERNET A SAFER PLACE?

Useful tips to keep in mind before you go online:

- Think before you post! I know – it's tempting. ...

- Keep it private. ...

- Stranger danger. ...

- Stop Bullying. ...

- Report suspicious actions.

CONNECTING TO THE INTERNET

Online access also comes with risks, like inappropriate content, cyberbullying, and online predators.

Using social media apps and websites where kids interact, predators may pose as a child or teen looking to make a new friend.

CYBER SECURITY

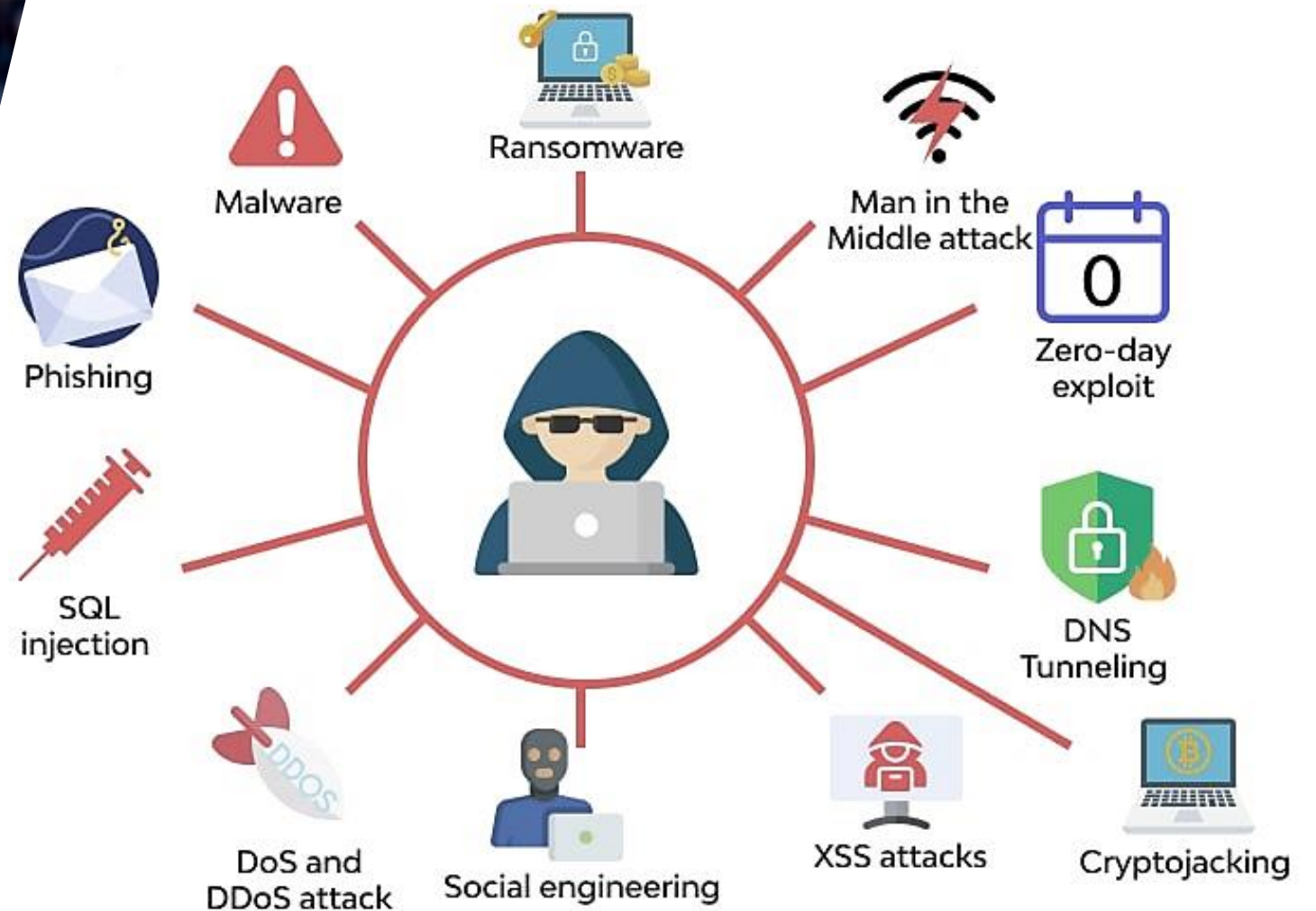SECURITY AND PRIVACY ON THE INTERNET

WHAT IS CYBER SECURITY?

- VARIOUS DIGITAL COMPONENTS

- NETWORKS

- DATA
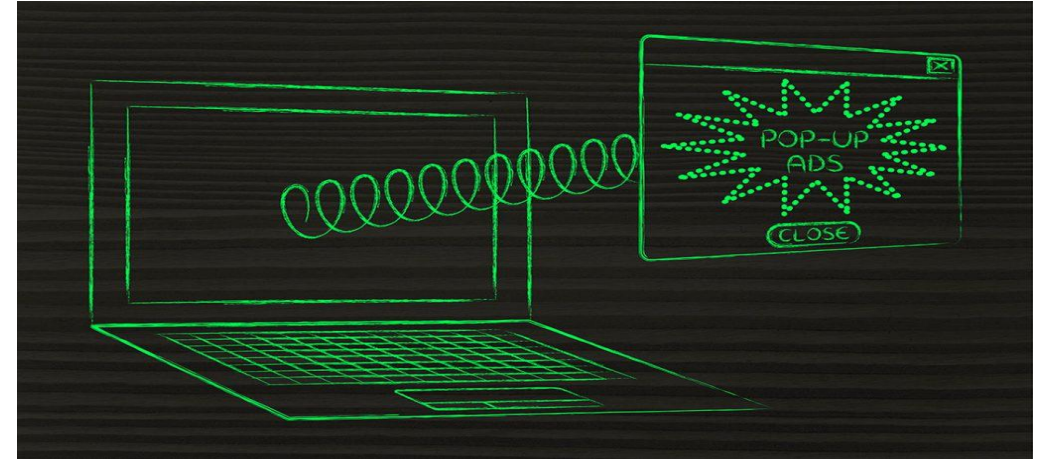
- COMPUTER SYSTEMS

TYPES OF CYBERATTACKS
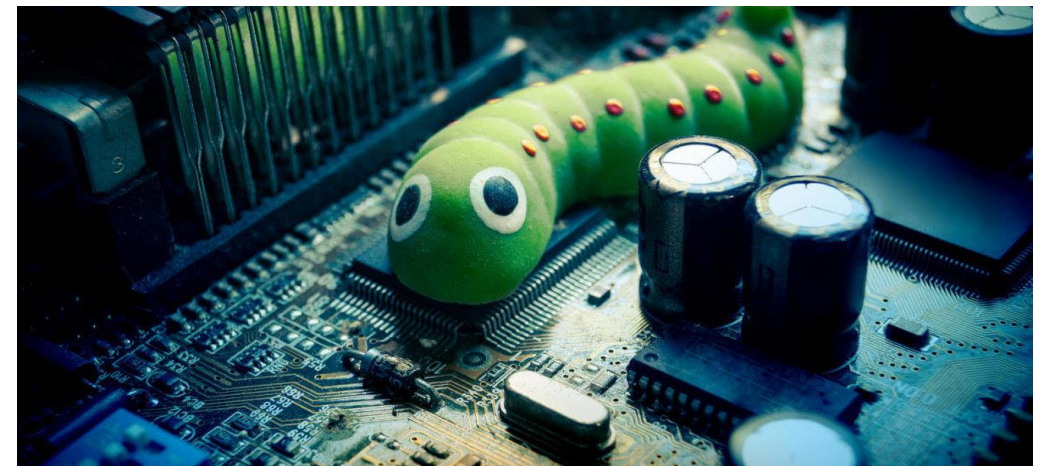
MALWARE ATTACKS

Trojan

Adware

Spyware

Worms

PHISHING

FAKE EMAILS WHICH APPEAR TO BE COMING FROM A LEGITIMATE SOURCE.

illustration by john joh

SOCIAL ENGINEERING

EMOTIONS, THAT HAVE GREAT IMPACT ON THE TARGET:

- **GREED**: „DO THIS ONE THING AND I WILL GIVE YOU … „
- **EMPATHY**: IMPERSONATING SOMEONE YOU KNOW AND APPEAL FOR HELP
- **CURIOSITY**
- **VANITY:** „YOU ARE REALLY TALENTED! WORK FOR ME …"

THE MAN IN THE MIDDLE

THE HACKER GAINS ACCESS TO THE INFORMATION PATH BETWEEN OUR DEVICE AND THE WEBSITE'S SERVER

HOW TO PREVENT?

- INSTALL A FIREWALL

- IMPLEMENT HONEYPOTS

- USE UNIQUE ALPHANUMERIC PASSWORDS

- USE AN ANTIVIRUS SOFTWARE

- AVOID MAILS FROM UNKNOWN SENDERS

THANK YOU

Sources: https://www.youtube.com/watch?v=inWWhr5tnEA

https://www.wallarm.com/what/what-is-a-cyber-attack

https://www.crowdstrike.com/cybersecurity-101/malware/trojans/