

LISTENING

Task 1. Watch the video and fill in the gaps.

Cyber crime is __1__ all over the world. By 2050, smart cities and homes will be the norm. Your fridge will tell a drone to pick up fresh milk when you run out, and lampposts will change __2__ of street lights when smartphones and therefore humans are nearby. In this hyperconnected world, __3__ cyber-criminals pose will only grow.

In the home, smart devices, including voice assistants, vacuum cleaners, and toilets, will be easy __4__ for hackers. While these poorly secured gadgets do not store sensitive data themselves, they __5__ to others that do and are vulnerable __6__ for criminals. Meanwhile, __7__ is a double-edged sword. While AI systems can help to identify incoming threats, attackers could also use them to unearth __8__.

In future, foreign powers or cyber-criminals could cripple a country's electricity network by __9__ the AI that controls it, or they could cut off the water supply or even cause __10__ on the roads. AI could also help identity **fraudsters** by generating **deepfakes**. These digital **doppelgangers** are currently __11__, but the techniques used to create them are rapidly improving, with increasingly realistic depictions of people. So far, they've mostly been used as part of revenge pornography. But a realistic digital avatar could be __12__ for wheedling key details such as passwords or bank details out of targets.

But the struggle to keep systems **secure** is not hopeless. By 2050, much poorly written and **outdated** code will be removed and replaced by more secure alternatives. Even passwords could be **phased out**, obsolete and less __13__ than facial recognition software.

Deepfakes could be beaten by constant __14__ that track eye movement, faces, and keystrokes to ensure the person behind the keyboard is who they claim to be. But that __15__ putting cybersecurity over privacy. Policymakers and designers must work hard to ensure that this does not become a binary choice.

Task 2. Watch the video again and complete the word combinations:

1. hyperconnected _____
2. easy pickings for _____
3. poorly _____ gadgets
4. _____ access points
5. a _____ sword
6. to unearth _____
7. _____ a country's electricity network
8. to cause _____ chaos
9. _____ fraudsters

10. to _____ deepfakes
11. _____ doppelgangers
12. a realistic _____ avatar
13. _____ code
14. to phase out _____
15. facial _____ software