

# Unit 8 Questions

- Questions will be between 5 and 12 marks
- Require **extended writing**
- Require **balance** - more than one side to an argument
- Require **knowledge** - you need to show what you know

# Unit 8 Questions

“Hacking is never a good thing”

## Knowledge:

- Definitions
- Types of hacking - hat colours
- Impacts of hacking

# Unit 8 Questions

“Hacking is never a good thing”

In some (many?) cases it clearly isn't a good thing...

## **Baltimore government held hostage by hackers' ransomware**

🕒 23 May 2019

**The US city of Baltimore's government, long plagued by dysfunction, is now battling a ransomware attack that has crippled its systems for more than two weeks and counting.**

# Unit 8 Questions

“Hacking is never a good thing”

In other cases it's clearly helpful...

Five years ago, Rob, a 38-year-old father of two, was fitting kitchens and bathrooms for a living. Now he is a digital spy. As one of GCHQ's army of cyber analysts, he monitors global counter-intelligence targets in countries he cannot disclose for national security reasons.

# Unit 8 Questions

“Hacking is never a good thing”

...although at what cost to privacy?

**UK mass digital surveillance regime ruled unlawful**

**Judges say snooper's charter lacks adequate safeguards around accessing personal data**

Is it always acceptable to give up your privacy?

# Unit 8 Questions

“Hacking is never a good thing”

Some cases may appear clearcut...

## **NHS ransomware cyber-security hero: I was panicking**

The British cyber-security expert who defeated the Wannacry cyber-attack has revealed he briefly thought he might have helped it spread.

The ransomware caused havoc in UK hospitals as well as striking dozens of other organisations across the globe last month.

In an exclusive interview with BBC Horizon, Marcus Hutchins recalled how he halted the blackmailing malware in its tracks.

# Unit 8 Questions

...but...

## Hacking 'hero' Marcus Hutchins pleads guilty to US malware charges

**A British man hailed as a hero for stopping a global cyber-attack that was threatening the NHS has pleaded guilty to US malware charges.**

Marcus Hutchins, 24, has pleaded guilty to two charges related to writing malware - or malicious software - [court documents show](#).

[Writing on his website](#), Hutchins said he regretted his actions and accepted "full responsibility for my mistakes".

Hutchins has been held in the US since he was arrested by the FBI in 2017.

"As you may be aware, I've pleaded guilty to two charges related to writing malware in the years prior to my career in security," he wrote on his website.

"I regret these actions and accept full responsibility for my mistakes.

"Having grown up, I've since been using the same skills that I misused several years ago for constructive purposes. I will continue to devote my time to keeping people safe from malware attacks."

# Unit 8 Questions

“Hacking is never a good thing”

In other cases there are clearly questions to ask

## **Inside the printer-hacking army spreading PewDiePie propaganda**

Thousands of insecure printers have been forced to print messages encouraging people to follow YouTube's PewDiePie. The hackers say they're doing it to show the vulnerabilities but are planning more action

# Unit 8 Questions

“Hacking is never a good thing”

1. Intro (with definitions)
2. On one hand...
3. But on the other hand...
4. (And then...) - a middle POV if there is one
5. In conclusion...