

Hacking

What do we mean by hacking?

Why would someone do it?

Hacking

Hacking is controlling or getting unauthorised access to a computer system

People do this:

- to steal data
- to disrupt services
- to make money
- for political reasons
- for fun
- to test how secure systems are

Hacking

Social engineering can be used to help guess someone's password so that you can hack their system

Hacking

The **Computer Misuse Act** make hacking **illegal**

Hackers can be fined, have their computers taken away or even sent to prison

Hacking

Is hacking always a bad thing?

Hacking

A company is harming animals by testing their cosmetic products on them.

Is it **ethical** to hack into their systems to show the whole world what they are doing?

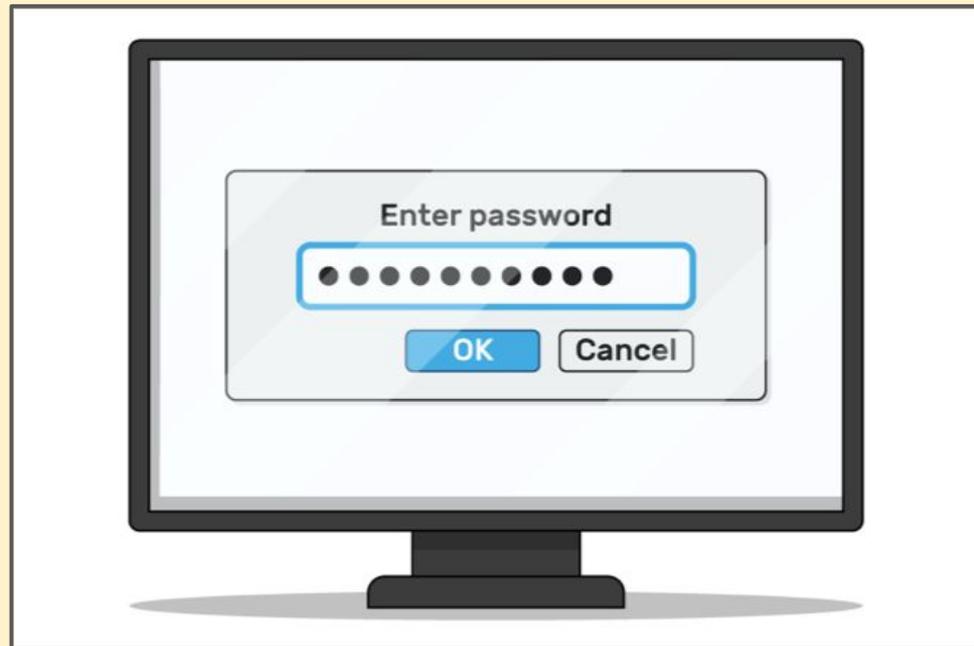
Hacking

A company wants to employ hackers to see if they can find any weaknesses in their computer systems.

Is it **ethical** for a hacker to do this?

Hacking

A brute force attack uses computer programs to guess hundreds of passwords a second to try to get access to a system.



Hacking

You can reduce the chance of a brute force attack working:

- by using passwords which are more complicated
- by not reusing passwords