

## PROBLEMS



**Threats.** Unfortunately, several individuals are active in dumping malware as computer code designed to impair performance or disable our computer system. This may be a Virus, computer code that can spread its disease through a computer system, a Trojan a delayed-action piece of malware (as in Greek legend), hidden Spyware code looking out for personal information, Phishing e-mails sent to lure you into revealing personal data, and Spam e-mails given a mass circulation as unwanted advertisements and posing more damaging threats. We encourage feedback of such problems.

**Maintenance.** Fortunately various items of software are available to protect us from such threats, A Fire-Wall protects a computer network from unauthorised users. Anti-Virus software identifying known viruses and preventing their attack. A regular Clean-Up is recommended: this involves: removal of unwanted code, programs and files and defragmentation (rearranging disk files) to restore speed and efficiency of operation. How does Windows Defender rate here ?

**Back-Up** is needed in any critical system (e.g. dual aircraft controls). In most current computers, the operating system is normally copied onto another sector of the hard drive. As we use our computer to create texts, documents, photos, music etc. it is recommended to save a separate copy of this information on disk, memory-stick or external hard-drive regularly, in the event of your computer system crashing. Back-up apps will perform this task automatically and regularly, Rather than keeping all pictures just in your camera until the SD card is full (during which time the camera could be lost or stolen) transfer them to your computer and then copy them to another memory device.