



CS6 Systems software

Personal learning checklist | 1 of 1

OCR GCSE Computer Science J277 | Paper 1 · Specification 1.5

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

Support your confidence with explanations, workings, diagrams and tested code. Quick checks do not assess a complete program or evaluation.

I can	Red	Amber	Green
Operating systems			
Distinguish operating systems, applications and supporting system software.	☐	☐	☐
Compare graphical and command-line interfaces for specified users.	☐	☐	☐
Explain memory allocation and multitasking with limited resources.	☐	☐	☐
Explain peripheral management and device-driver communication.	☐	☐	☐
Explain user accounts, authentication and access rights.	☐	☐	☐
Explain file naming, folders, saving, retrieval and movement.	☐	☐	☐
Utility software			
Explain the purpose of utility software and its relationship to an OS.	☐	☐	☐
Compare encryption and compression as distinct utility tasks.	☐	☐	☐
Explain hard-disk fragmentation and defragmentation.	☐	☐	☐
Justify different maintenance for magnetic disks and SSDs.	☐	☐	☐

My next revision priority _____