Unit 4: Computer systems

Definitions	Key knowledge
	• truth tables using AND, OR, XOR, NOT • logic circuit diagrams
System software [1/2] Application software [1/2]	• examples of each type • utility software - what and why needed
Operating system [2]	• OS manages: proc, mem, I/O devices, apps, security
	• high/low level programming languages - with examples • assembly language
Machine code [2]	• how it works
Interpreter [2] Compiler [2] Assembler [2]	• differences • how they work
Memory [2]	• main memory - cache, register, RAM and ROM • secondary storage: solid state, optical & magnetic
Cloud storage [2]	• pros and cons (Unit 8 link)