








NEW 24: 1.1 System Architecture What is a computer system? -Computer system -I/P/O -Data bus -Embedded computer Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW 25: 1.1 System Architecture What's the Purpose of CPU? -Control Unit -ALU -Registers -Cache -Clock Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW 26: 1.1 System Architecture Why we need to understand the Von Neumann architecture? -architecture -MAR & MDR -Program Counter -Accumulator -Harvard architecture Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW 27: 1.1 System Architecture What is the Fetch-Decode-Execute cycle? -Registers -Fetch decode execute Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW 28: 1.1 System Architecture Understanding CPU Performance factors -Clock speed -Multi core processors -Cache -RAM -Graphics GPU Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW: 29 Test and Track Now take a break from the theory and test your understanding on Section 1.1  Link 
NEW 30: 1.2--Memory Types Understanding different types of memory -Main memory -Volatile -RAM -DRAM -SRAM -ROM -Virtual Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW: 31: Test and Track Now take a break from the theory and test your understanding on Section 1.2  Link 	NEW 32: 1.3--Storage Why do we need secondary storage? -Storage media & devices -Magnetic -Optical -Solid state -Data Capacity -calculating storage Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW 33: Test and Track Now take a break from the theory and test your understanding on Section 1.3  Link 	NEW 34: 1.4-WiFi and Wired networks What are the Types of networks? -What is a network -Hme networks -Business networks -LANS -WANS Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback	NEW 35: 1.4-WiFi and Wired networks Understanding the Performance of networks? -Bandwidth -Wired performance -Bands and channels -Wi-Fi performance -Error rate -Latency Task 1- Watch the video link Task 2- Now read the theory link Task 3- Complete the knowledge booklet link and complete the online quiz to test your knowledge Task 4- Finally answer the exam style questions link Upload all progress onto SMHWK for teacher feedback

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