
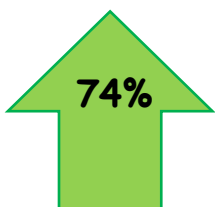

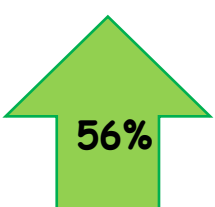
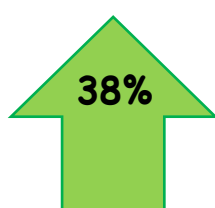

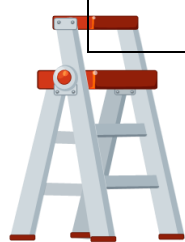


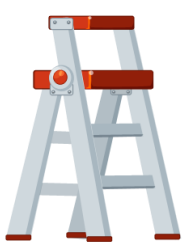


Percentage	I can ...	Prove it!
 74%	Python Programming 3.4 Writing programs	3.4 Using pseudocode or a flow diagram, plan a password strength program that will tell the user whether the new password they're entering is weak, medium strength or strong. 3.4 Use your plan to begin constructing the program.
 74%	5.5 Compression	5.5 Give two advantages of the Lossy compression 5.5 In a computer network, name two devices that Give two advantages of the lossless compression 5.5 Why do we need to compress files? Give 2 answers.
 56%	Python Programming 3.3 Writing programs	3.3 Using pseudocode or a flow diagram, plan a password program that only accepts a correct username and password. The program should be able to accept two sets of username and password data. 3.3 Use your plan to begin constructing the program.
 56%	5.4 Sound	5.4 Explain what is meant by the term 'sampling' 5.4 Explain what is meant by the term 'sample rate'. 5.4 What is the difference between analogue and digital data?
 38%	Python Programming 3.2 Writing programs	3.2 Using pseudocode or a flow diagram, plan a worded game program that includes a WHILE or FOR loop, logic, and arithmetic. (See the ender dragon.py program) 3.2 Use your plan to begin constructing the program.
 38%	5.3 Images	5.3 What is meant by the term 'Resolution'? 5.3 Explain what is meant by 'colour depth'. 5.3 How many colours are there in a 4-bit image?

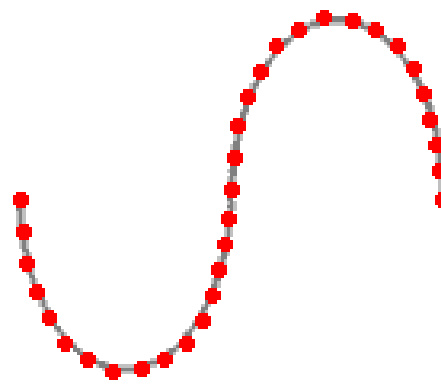


	<p>Python Programming 3.2 Procedures, Functions (and Subroutines)</p>	<p>2.9 Create a function that swaps two words around and then prints them to the screen. 2.9 Create a function that removes all vowels from all words.</p>
	<p>5.2 Characters</p>	<p>5.2 Show the ASCII representation of your shortest name, with binary and hex! 5.2 Explain why ASCII can't be used to show the Arabic Alphabet? 5.2 What does ASCII stand for?</p>

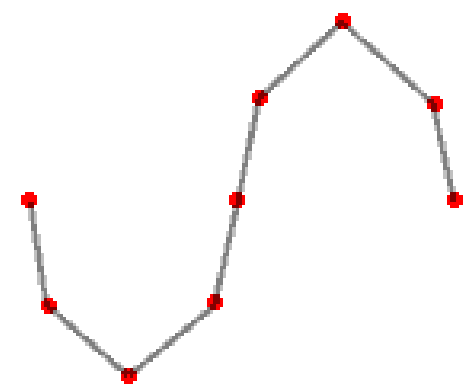


Key Words:

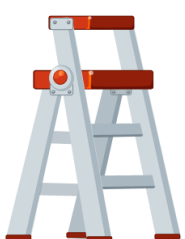
- ASCII
- Extended ASCII
- Unicode
- Binary
- Hex
- Character
- Character Sets
- Special Characters
- Images
- Colour Depth
- Resolution
- File Size
- DPI (Density Per Inch)
- Image Quality
- Metadata
- Sound
- Analogue
- Digital
- Sample Rate
- Amplitude
- Bit Rate
- Sampling Intervals
- Sampling frequency
- Compression
- Lossy
- Lossless
- MP3, AAP, JPEG



Higher sample rate



Lower sample rate



GCSE Computing

Summer 1

Learning Ladder

Year 9

