



In a bubble sort, how many passes will be required to order the data [5, 6, 2, 4]?	What is a constant?	What is $11001101 + 10001111$?
How many digits make up a BYTE?	What happens if you increase the resolution of an image?	What is the name given to the description of a software algorithm that uses the basic structures of a programming language, but is meant for the reading of humans rather than machine reading?



<p>In a bubble sort, how many passes will be required to order the data [5, 6, 2, 4]?</p> <p>2</p> <p>Pass 1: [5, 2, 4, 6] Pass 2: [2, 4, 5, 6] ...therefore 2 passes require ...although a final third pass would be made by the algorithm to check that the data is sorted).</p>	<p>What is a constant?</p> <p>A memory location which stores a single item of data that cannot be altered during the running of the program.</p>	<p>What is 11001101 + 10001111?</p> <table><tr><td></td><td>1</td><td>1</td><td>0</td><td>0</td><td>1</td><td>1</td><td>0</td><td>1</td></tr><tr><td>+</td><td>1</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td></tr><tr><td></td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>1</td><td>0</td><td>0</td></tr></table>		1	1	0	0	1	1	0	1	+	1	0	0	0	1	1	1	1		1	0	1	0	1	1	0	0
	1	1	0	0	1	1	0	1																					
+	1	0	0	0	1	1	1	1																					
	1	0	1	0	1	1	0	0																					
<p>How many digits make up a BYTE?</p> <p>8</p>	<p>What happens if you increase the resolution of an image?</p> <p>Image quality increases and the file size increases</p>	<p>What is the name given to the description of a software algorithm that uses the basic structures of a programming language, but is meant for the reading of humans rather than machine reading?</p> <p>Pseudocode</p>																											