



What is the purpose of the MDR register in the Von Neumann CPU?	What does the 'Data Protection Act' govern?	What is meant by the term 'network topology'?
What are IP addresses and why are they needed?	Convert the hexadecimal number 4C into binary?	What is meant by the term 'pass' when describing a Bubble Sort?



<p>What is the purpose of the MDR register in the Von Neumann CPU?</p> <p>The Memory Data Register (MDR) is responsible for receiving data/instructions from the RAM</p>	<p>What does the 'Data Protection Act' govern?</p> <p>The lawful use of people's personal data</p>	<p>What is meant by the term 'network topology'?</p> <p>A network topology is the name used to describe how a network is arranged / set-up.</p>
<p>What are IP addresses and why are they needed?</p> <p>They are usually a 32bit number written as 4 decimal numbers eg: 129.168.1.101</p> <p>They are required so that data being sent over a network can be sent to the correct node.</p>	<p>Convert the hexadecimal number 4C into binary?</p> <p>01001100</p>	<p>What is meant by the term 'pass' when describing a Bubble Sort?</p> <p>PASS is the term given to one complete sweep of the array that the bubble sort is ordering. If the items are not ordered after the first pass, a second pass is carried out and then a third etc, until all items are in order.</p>