



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



<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>