



<p>Which type of storage is typically faster and more portable, magnetic or solid-state</p>	<p>How does binary search narrow down the search after determining whether the search item is higher or lower than the middle item</p>	<p>What is the difference between an array and a list</p>
<p>What is the 8-bit binary representation of the decimal number 64</p>	<p>What is the role of the Control Unit in the CPU</p>	<p>What is a nibble</p>

<p><i>Which type of storage is typically faster and more portable, magnetic or solid-state</i></p> <p><b>Answer: Solid-state storage is typically faster and more portable.</b></p>	<p><i>How does binary search narrow down the search after determining whether the search item is higher or lower than the middle item</i></p> <p><b>By focusing on either the first or second half of the data set.</b></p>	<p><i>What is the difference between an array and a list</i></p> <p><b>An array stores data of the same type and has a fixed size, while a list can store data of different types and has a dynamic size.</b></p>
<p><i>What is the 8-bit binary representation of the decimal number 64</i></p> <p><b>The 8-bit binary representation of the decimal number 64 is 01000000.</b></p>	<p><i>What is the role of the Control Unit in the CPU</i></p> <p><b>Answer: To manage and monitor hardware, input and output signals, and synchronize the Fetch-Decode-Execute cycle.</b></p>	<p><i>What is a nibble</i></p> <p><b>A nibble is a group of four bits.</b></p>