



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



<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>