



What is the decimal representation of the 8-bit binary number 01010101	Which loop always executes the instructions at least once	What happens when a key is pressed on a keyboard
What stores data in RAM	What are the two main data transfer mediums	What is run length encoding



<p><i>What is the decimal representation of the 8-bit binary number 01010101</i></p> <p>The decimal representation of the 8-bit binary number 01010101 is 85.</p>	<p><i>Which loop always executes the instructions at least once</i></p> <p>REPEAT UNTIL loop.</p>	<p><i>What happens when a key is pressed on a keyboard</i></p> <p>Answer: When a key is pressed on a keyboard, the computer generates a code for that letter, which is then processed by the CPU.</p>
<p><i>What stores data in RAM</i></p> <p>Answer: Capacitors and transistors.</p>	<p><i>What are the two main data transfer mediums</i></p> <p>Wired (Ethernet) and wireless (Wi-Fi and Bluetooth).</p>	<p><i>What is run length encoding</i></p> <p>A form of lossless compression that seeks to find patterns/sequences of data that can be removed and then reconstructed later.</p>