



What is the digital divide	What is logic and how is it used	What are the two ways in which translators work
What is an instruction set	What is the shorthand for the NOT operation	What is a Denial of Service Attack (DoS)



<p><i>What is the digital divide</i></p> <p><b>A disparity between those who have access to technology and those who do not.</b></p>	<p><i>What is logic and how is it used</i></p> <p><b>Logic is used to make decisions based on rules that are known to be true or false in a given situation.</b></p>	<p><i>What are the two ways in which translators work</i></p> <p><b>The two ways in which translators work are: <b>Compiling</b>: taking the whole code and converting it into machine code before running it, and <b>Interpreting</b>: taking the code one instruction at a time, translate and run the instruction, before translating the nex</b></p>
<p><i>What is an instruction set</i></p> <p><b>It is a list of instructions that a CPU understands and executes.</b></p>	<p><i>What is the shorthand for the NOT operation</i></p> <p><b>The shorthand for the NOT operation is <math>Q = \text{NOT } A</math>.</b></p>	<p><i>What is a Denial of Service Attack (DoS)</i></p> <p><b>- "A type of cyber attack that floods a network with traffic to overload and disrupt it, making it unavailable to users."</b></p>