



<p>Complete the sentence.</p> <p>Volatile memory is...</p>	<p>What will be the difference between a sound file sampled at 100 times per second compared to a sound file sampled at 1000 times per second?</p>	<p>Consider the array: <code>arr=[4,6,7,11,10,12,15]</code> Why will a binary search fail to find the number 10?</p>
<p>Which control structure is the following algorithm an example of?</p> <pre>INPUT password WHILE password != '123456': INPUT password</pre>	<p>State 2 possible outcomes that might occur if programs are not robust.</p>	<p>Which of the following are examples of System Software?</p> <p>Operating Systems</p> <p>Applications</p> <p>Utilities</p>



<p>Complete the sentence.</p> <p>Volatile memory is...</p> <p>...memory that requires a supply of electricity to store data.</p>	<p>What will be the difference between a sound file sampled at 100 times per second compared to a sound file sampled at 1000 times per second?</p> <p>The file sampled at 100 times per second will be worse quality and have a smaller file size.</p>	<p>Consider the array: arr=[4, 6, 7, 11, 10, 12, 15]</p> <p>Why will a binary search fail to find the number 10?</p> <p>A binary search will fail because binary searches rely on data sets being ordered.</p> <p>In this example, a binary search would locate the middle item first (11) and as 10 is the 'searched for' number and smaller than 11, the algorithm would discard the top half of the array, removing 10 from the search.</p>
<p>Which control structure is the following algorithm an example of?</p> <pre>INPUT password WHILE password != '123456': INPUT password</pre> <p>Iteration</p>	<p>State 2 possible outcomes that might occur if programs are not robust.</p> <p>The program won't function correctly / will not do the job it's supposed to do.</p> <p>The program may be insecure and data that it holds may become compromised.</p>	<p>Which of the following are examples of System Software?</p> <p>Operating Systems</p> <p>Applications</p> <p>Utilities</p>