



<p>What is the main limitation with the ASCII character set?</p>	<p>What is a two dimensional array?</p>	<p>Why do computers use the binary number system?</p>
<p>What is a subroutine?</p>	<p>array = [ [2,4,3], [5,7,6], [8,9,1] ] What is found at array[2,2]?</p>	<p>Are arrays and lists the same? Explain your answer.</p>



<p>What is the main limitation with the ASCII character set?</p> <p><b>It doesn't have enough room to store characters from other languages such as mandarin.</b></p>	<p>What is a two dimensional array?</p> <p><b>An array which contains arrays (i.e. an array of arrays).</b></p>	<p>Why do computers use the binary number system?</p> <p><b>Computers are made up of switches which only have two states, they therefore cannot represent any more than 2 digits.</b></p>
<p>What is a subroutine?</p> <p><b>A mini-program which will not run until it is called upon by the main program.</b></p>	<p>array = [ [2,4,3], [5,7,6], [8,9,1] ]</p> <p>What is found at array[2,2]?</p> <p><b><i>The value: 1</i></b></p>	<p>Are arrays and lists the same? Explain your answer.</p> <p><b>No.</b></p> <p><b>An array is a static data structure, which means it cannot have data items appended to it over time (it cannot grow in size). However, a list is a dynamic data structure, which means it can have data items appended to it over time (it can grow in size).</b></p>