

	(b)	(i)	<p>See sample solution below.</p> <p>Alternative solutions possible.</p>	<p><b>3</b></p> <p>1 mark for correct complex condition for inner loop at Line 3.3.7 of the sample solution.</p> <p>Also accept:  <code>list(index - 1).recordNumber &lt;= value.recordNumber</code> and <code>index &gt; 0</code></p> <p>1 mark for using inner loop to work backwards through the array (Line 3.3.9 of the sample solution).</p> <p>1 mark for updating contents of array at Line 3.3.11 of the sample solution.</p>
			<p>3.3.4      loop from n = 1 to length(list) - 1</p> <p>3.3.5          set value to array(n)</p> <p>3.3.6          set index to n</p> <p>3.3.7          loop while index &gt; 0 and value.readingNumber &gt; list(index - 1)                           .readingNumber</p> <p>3.3.8              set list(index) = list(index - 1)</p> <p>3.3.9              set index to index - 1</p> <p>3.3.10          end loop</p> <p>3.3.11          set list(index) = value</p> <p>3.3.12      end loop</p>	