

	(b)	(i)	<p>See sample solution below.</p> <p>Alternative solutions possible.</p>	3	<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 <= value.recordNumber and index > 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>
			<pre> 3.3.4 loop from n = 1 to length(list) - 1 3.3.5 set value to array(n) 3.3.6 set index to n 3.3.7 loop while index > 0 and value.readingNumber > list(index - 1) .readingNumber 3.3.8 set list(index) = list(index - 1) 3.3.9 set index to index - 1 3.3.10 end loop 3.3.11 set list(index) = value 3.3.12 end loop </pre>		