

	(b)	(i)	See sample solution below.	4	<p>Award 1 mark for fixed loop from 2<sup>nd</sup> element to last element of array.</p> <p>Award 1 mark for conditional loop with complex condition.</p> <p>Award 1 mark for moving up entire row.</p> <p>Award 1 mark for storing and inserting entire row.</p>
			<pre> FOR outer FROM 1 TO 13   SET currentLat TO events[outer][0]   SET currentLong TO events[outer][1]   SET currentMag TO events[outer][2]   SET inner TO outer   WHILE (inner &gt; 0) AND (events[inner-1][2] &lt; currentMag) DO     SET events[inner][0] TO events[inner-1][0]     SET events[inner][1] TO events[inner-1][1]     SET events[inner][2] TO events[inner-1][2]     SET inner TO inner - 1   END WHILE   SET events[inner][0] TO currentLat   SET events[inner][1] TO currentLong   SET events[inner][2] TO currentMag END FOR </pre>		<p>1<sup>st</sup> mark</p> <p>2<sup>nd</sup> mark</p> <p>3<sup>rd</sup> mark</p> <p>4<sup>th</sup> mark</p>