

	(b)	(i)	See sample solution below.	4	Award 1 mark for fixed loop from 2 <sup>nd</sup> element to last element of array.  Award 1 mark for conditional loop with complex condition.  Award 1 mark for moving up entire row.  Award 1 mark for storing and inserting entire row.
			<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>		1 <sup>st</sup> mark 2nd mark 3rd mark 4th mark