

3.	(f)	<p>See sample solution below.</p> <pre> 1. procedure bubbleSort(orderList[]) 2. start conditional loop 3. set swapped = false 4. start fixed loop from 0 to length of orderList[] - 2 5. if orderList[loop].getOrderTotal < orderList[loop + 1].getOrderTotal then 6. swap the two order objects 7. set swapped = true 8. end if 9. end fixed loop 10. end conditional loop when swapped = false 11. start fixed loop from 0 to 2 12. display orderList[loop].getOrderNmber and orderList[loop].getOrderTotal 13. end fixed loop 14. end procedure </pre>	<p>4</p> <p>Award 1 mark for inner (fixed) and outer (conditional) loops correct (lines 2, 10 and 4 of the solution below).</p> <p>Award 1 mark for sorting in descending order indicating correct use of getters (line 5).</p> <p>Award 1 mark for swap objects (line 6).</p> <p>Award 1 mark for displaying top three after the sort, indicating correct use of getters (lines 11 & 12).</p> <p>Note: if candidate has sorted in ascending order and displays the last three elements in descending order, maximum of 4 marks can still be awarded.</p>
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